RONGDA

Operation Manual

Appliable for the models

JR-5360S / JR-2370S / JR-2361S

Ningbo Rongda Imagine&Intelligent Manufacture Technology Co.,Ltd

Perface

- First of all, thanks for purchasing our machine.
- This product is a Class A product. In the living environment, this product may cause radio interference.In such cases, the user may be required to take practical measures against the resulting interference.
- The manual records the operation method of machine and notices for use.To use the machine safely,easily and efficiently, please read the Operation Manual before using the machine.

Description of symbols in Operation Manual

Warning Operation regardless of warning may lead to death or seriousinjury.

Caution Improper operation regardless of notice may lead to personal injury or property loss.

The symbol represents [Prohibitions], which will represent or illustrate specific prohibited contents in Fig. or article.

 etc.

The symbol represents [behavioral norms] and [indicated contents], which will represen or illustrate specific [behavioral norms] and [indicated contents] in Fig. or article.

 Etc.

Cheak Record reference page/item ofOperation Manual.

Hints Record reminders.

Record necessary notices and paper feedingnotices.

Represent display picture of display screen. (For easy reading, font color may be different with realistic color)

Permits and Prohibitions

- Contents of the article can not be reproduced without consent.
- Information of the article may be changed without priornotice.
- The article will record detailed operating instructions, please contact us in case of having unknown, mistaken and missed contents.
- Our company is not responsible for loss caused by improper operation or machine characteristics (failure and natural loss).
- Contents of the article may be changed due to change and modification of the machine. The machine may have some differences with your actual machine, sorry for theinconvenience.

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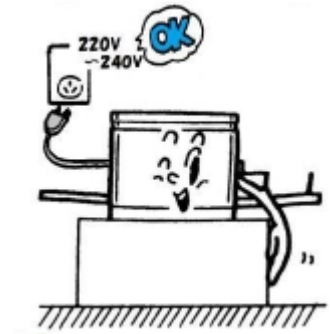
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Safe Use Manual

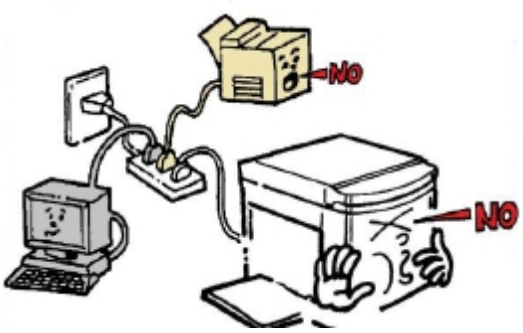
Warning

・Power supply: use AC power supply/domestic power supply(AC 220V~240V). Do not use unregulated power supply.
Use of unregulated power supply may lead to electric shock and fire hazard accidents.



Prohibit

・Please use independent socket.
Do not share socket with high power appliances like duplicator/printer/microwave oven.
Sharing public socket with other machines may lead to fire hazards, electric shock and power outage.



Prohibit

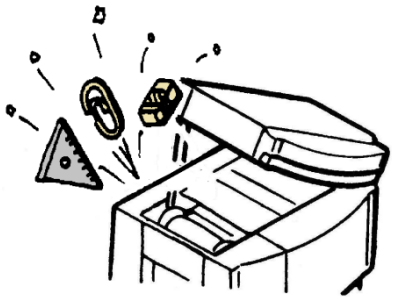
・Do not put vessel filled with liquid on the machine.
If the vessel turns over, liquid in vessel may enter the machine to cause fire hazards and electric shock accidents.



Prohibit

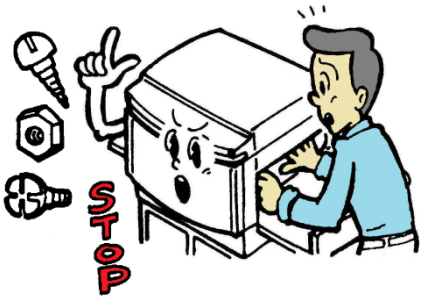
Warning

・Please do not drop sheetmetal (like clip and staple) and combustibles in the machine, or fire hazards and electric shock accidents will be caused.



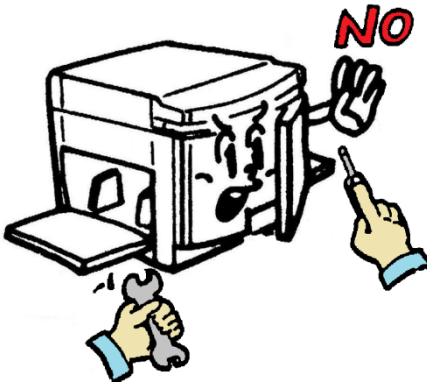
Prohibit

・Please do not dismantle the outer cover of the machine. High-pressure, high-temperature, sharp and rotating members in the machine may lead to scratches and electric shock accidents.



Prohibit dismantling

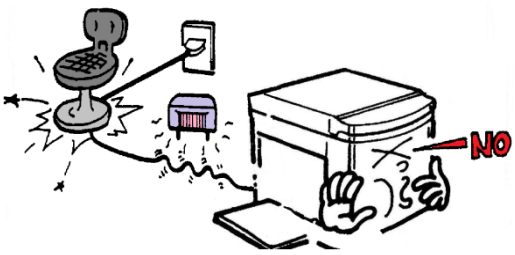
・Please do not modify the machine and replace components without permission.
Unauthorized operation may lead to fire hazards and electric shock accidents.
※ Exclude replacement of consumables.



Prohibit modification

Warning

・Do not use scratched and modified power cord. Furthermore, do not step on, press, hale and scratches power cord to avoid fire hazards and electric shock accidents.



Prohibit

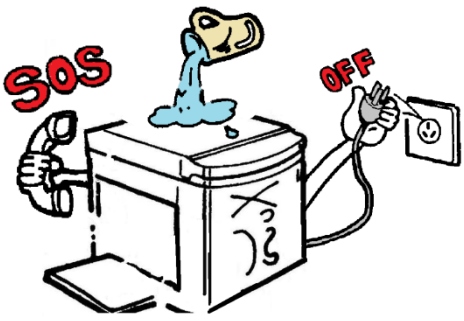
・If the machine has abnormal high temperature, smoke and peculiar smell, fire hazards or electric shock accidents may be caused, please directly pull out the power supply in this case, and then contact with Supplier or After-sales Department.



Pull out the plug

・If sundries (metal, water and liquid) drop into the machine, first, turn off the switch, pull out the power supply, and contact with the Supplier or After-sales Department.

If the machine is directly used without taking measures, it may lead to fire hazards and electric shock accidents.

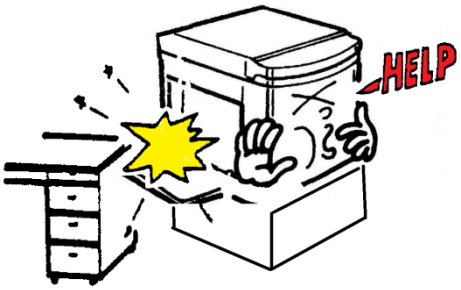


Pull out the power supply

Warning

・If the machine slides down and its outer cover is damaged,first turn off the switch, pull out the power supply, and then contact with the Supplier or the After-sales Department.

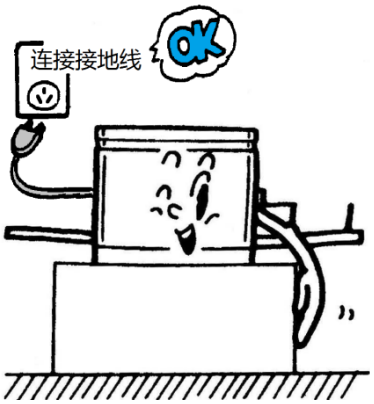
If the machine is directly used without taking measures, it may lead to fire hazards and electric shock accidents.



Pull out the power supply

・The machine must be connected with ground wire. Please use special power cord attached with the machine, and then use triangle socket for connection. Electric leakage may lead to fire hazards and electric shock accidents.

(Contact of gas pipe line and water pipe is prohibited).



Connect the ground wire

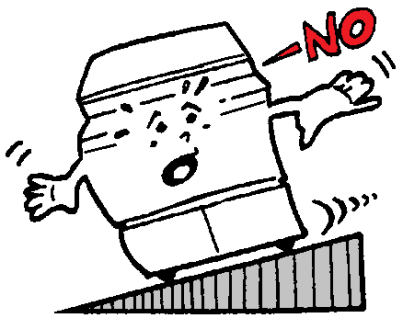
・Please do not pull out and insert plug by wet hand, or fire hazards and electric shock accidents may be caused.



Prohibit

Caution

- Please put the machine on hard horizontal plane, or the machine may drop to lead to personnel injury or influence its normal use.



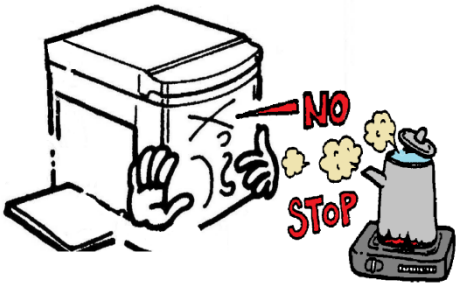
Prohibit

- Please do not put the machine near the volatile combustible or in damp, dusty and easily-vibrated places, or fire hazards and electric shock accidents will be caused.



Prohibit

- Please do not put the machine near cooking utensils and humidifier to prevent entrance of cooking fumes and fog, or fire hazards and electric shock accidents will be caused.



Prohibit

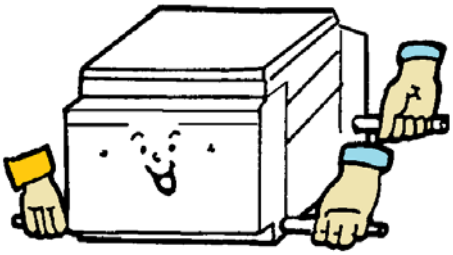
Caution

- Please do not put articles around the machine. If objects slide down, personnel injury and damage of machine may be caused, and furthermore, machine fault may be caused.



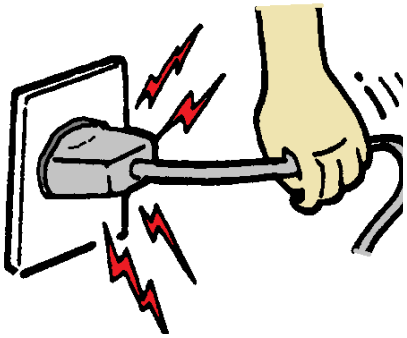
Prohibit

- Please first power off and disconnect the plug when moving the machine, and put away the operation parts (external connection/online). At least two persons should hold the handle and horizontally move the machine.
  Furthermore, when the machine is moved by special station,first determine the conditions (step and bulge) of moving route, and then move the machine, or fire hazards, electric shock and ink leaking accidents will be caused.



Prohibit

- When the power plug is unplugged, first switch off the power supply and then hold the plug and unplug it.
  In case of holding the power cord to unplug the plug, internal electrical wire of power cord may be broken or exposed to cause fire hazards or electric shock accidents.
  Furthermore, in case of unplugging the plug without switching off the power supply, machine fault may be caused.



Prohibit

Caution

- Ink will be used when the machine is working. When the machine is failed, maintained and repaired, ink may make your clothes and skin dirty, please try to avoid such events.

- Original table is made of glass.

Please pay attention to the following matters in use:

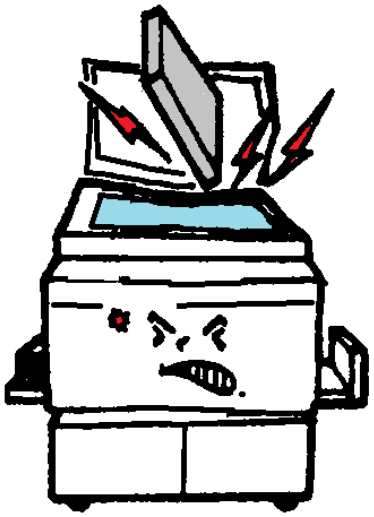
When originals are heavier like books and magazines, please put the originals on the original table gently.

If originals are put on the original table violently, the original table may be broken to cause personnel injury.

Please do not concentrate your strength on the scanning table by one point, or the original table may be broken to lead to personnel injury.

Please do not drop objects on the original table, or the original table may be damaged to lead to personnel injury.

When originals should be pressed, please do not concentrate your strength greatly, or the original table may be broken to lead to personnel injury.



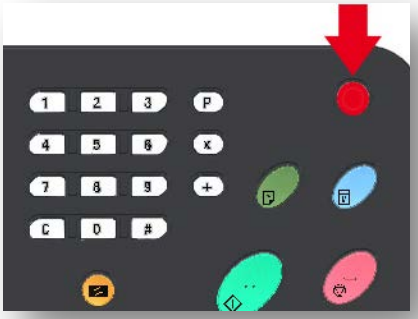
Prohibit

- Since paper powder flies out when paper is fed (when the machine is used to feed paper at high speed), the machine and its surrounding may be polluted. Please use the machine in ventilation condition.

Engergy saving mode

When the machine is not operated in a certain time after startup, it may enter energy-saving mode. There are two energy-saving modes: first, the display screen is black [1. Sleep mode] in the power-on state; second, the power supply is automatically cut off [2. Automatic power off mode].

[2. Automatic off mode] is optional function for the machine, not standard.



1. Sleep Mode

If sleep mode has been set, after the machine is powered on, if it is not operated for long term after final printing work is completed, the machine will start energy-saving mode,and the energy- saving indicator lamp is on. At the same time, other indicator lamps and display screen are automatically off. When the machine is used again, if energy-saving key is directly pressed, the machine stops sleep state.

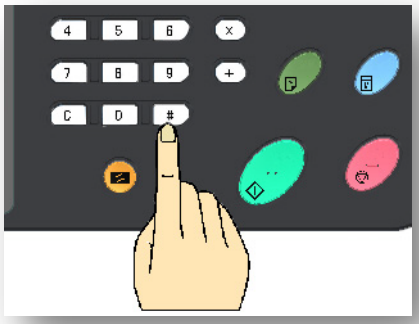
Time of sleep mode can be adjusted from 1 minute to 60 minutes, and the time is united by one minute and can be freely set Factory setting of time is [10].

Time setting of sleep mode

i）Press [#] key on panel under power-on state.

※ Display picture changes to [Setting menu].

The setting is available only under printing state. (Under the condition of no error message representation)

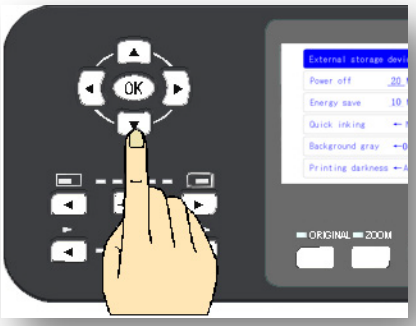


ii）Use [Cursor Move key [▼] to move to the project Settings screen.

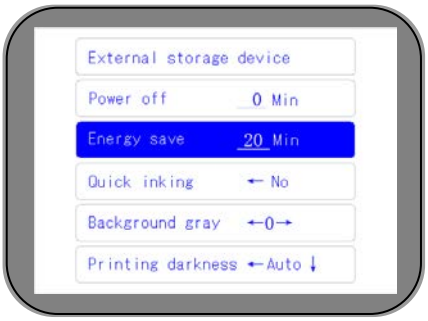
※ The operation section is on the left side of the panel.

※ The third item from the top to bottom is "Sleep Mode time Setting".

Press the [▼] button twice.



iii）Use numeric key to set the time.

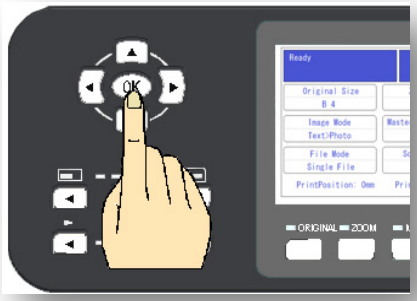


※ It is OK to input [2][0] when the time is set to 20 minutes.

Set the time to [0] when this function is not used.

Enter the numbers in sequence and accurately.

iv）Press the [OK] key to finish setting the time.



※ The machine will go back to the basic picture

Only [mode indicator light] is on during the printing process.

When the machine is in sleep state, press [mode indicator light], and the machine returns to the basic screen.

When the display screen light is on at the same time as the [mode indicator light], it indicates that the [automatic shutdown] function is set on the machine.

Online data can be received even when the machine is asleep.

2. Auto Power-off (Factory opitional)

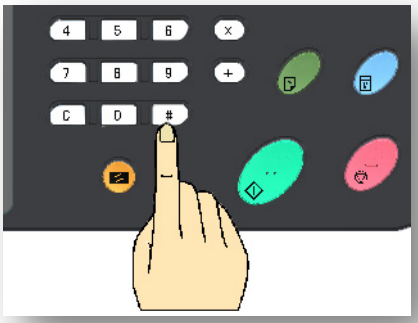
If the machine starts automatic shutdown function and it is not operated for a certain time under power-on state after the last operation, the machine will start automatic power-off function, and will be automatically powered off.

But if the machine displays fault information or receives online data, it cannot start automatic power off.

Time of shutdown mode can be adjusted from 1 minute to 60 minutes, and the time is united by one minute and can be freely set. Factory setting is [0=nonuse].

Time Set under Auto power-off mode

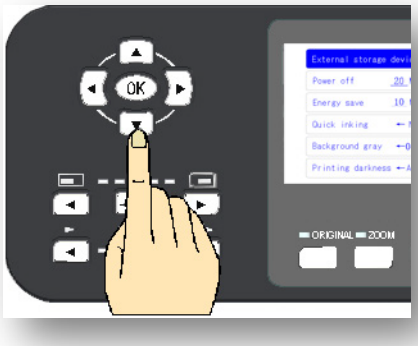
i）Press [#] Key on panel when machine is on.



※ Display on show will change to [Setting] screen.

This setting is only workable when printing is available.
（under the case that there is no any faults）

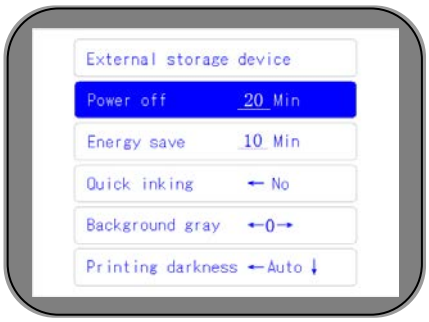
ii）Use [Cursor Move key [▼] to move to the project Settings screen.



※ The operation section is on the left side of the panel.

※ The second item from the top to bottom is "Sleep Mode time Setting".Press the [▼] button twice.

iii）Use numeric key to set the time.

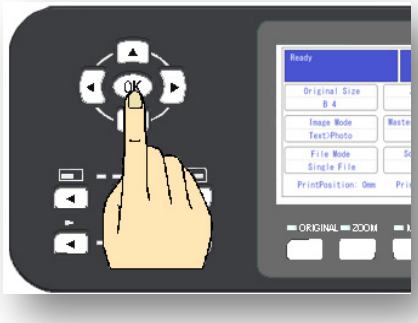


※ It is OK to input [2][0] when the time is set to 20 minutes.

Set the time to [0] when this function is not used.

Enter the numbers in sequence and accurately.

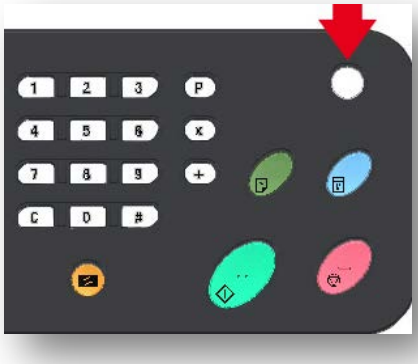
iv）Press the [OK] key to finish setting the time.



※ The machine will go back to the basic picture.

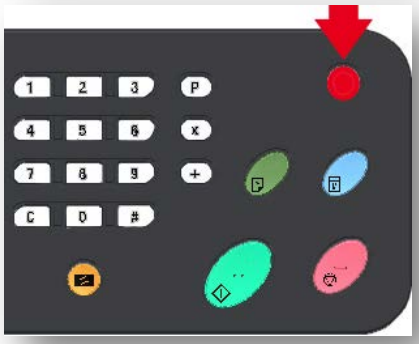
Auto power-off setting

ⅰ）Press[Energy saving] key on the panel when machine is on.



This setting is only workable when printing is available.
（under the case that there is no any faults）

ⅱ）【Energy saving lamp】 is red and on,then the setting is completed.



When the auto-off time setting is not made and the setting time is [0], this function can not be workable even if this button ispressed.

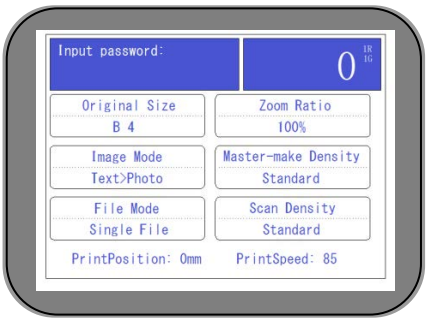
When the error message is displayed during printing, this function can not be workable even if the [Energy saving key] is pressed.

The machine returns to the basic screen (no fault information display) when the stop button is pressed during printing. When the setting time reaches the [Auto power-off] setting time, the machine will automatically turn off the power and the remaining unprinted pages will be cleared. If you need to suspend printing or leave the machine for a while, pls release the [Auto power off function], press the [energy saving key], indicator light will turn off,

[Sleep mode function], [power saving mode function] can be enabled at the same time, and the setting time shorter, the earlier to start.

Password setting

When the machine is used and it is necessary to leave the machine after terminating printing, In order to prevent others from using the machine, it can be protected by setting a password.

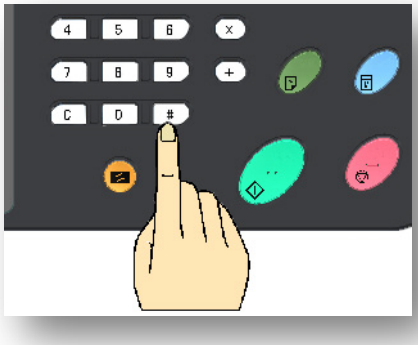


Assword setting

i）Press [#] Key on panel when machine is on.

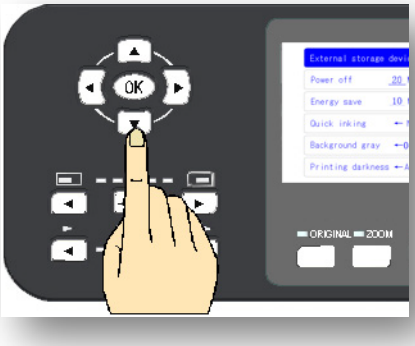
※ Display on show will change to [Setting] screen.

This setting is only workable when printing is available.
（under the case that there is no any faults）



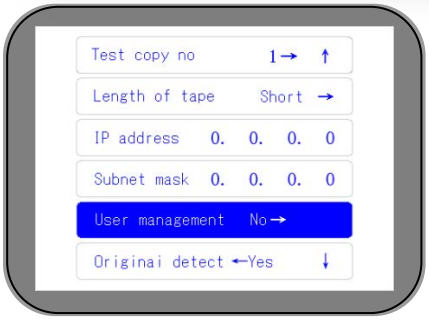
ii） Use [Cursor Move key [▼] to move to the project settings screen.

※ The operation section is on the left side of the panel.

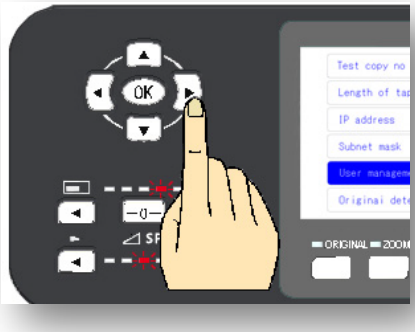


iii）There are two pages of project selection and setting, password setting is on the second page, press [▼] button to jump to the second page. The fifth item from the top down on the second page is[User management] setting project.

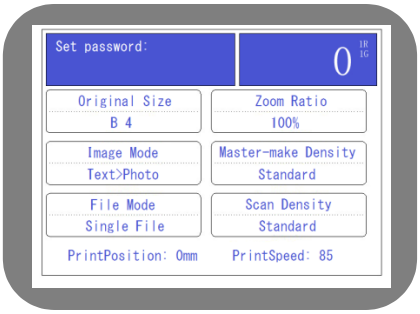
※ If no password is set, [No] is displayed.



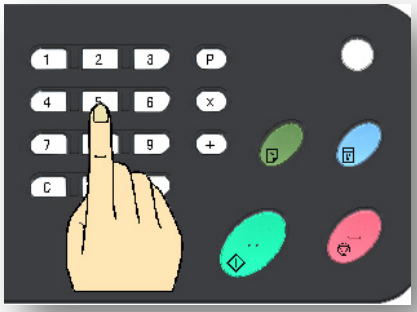
iv）Press【▶】button.



v）The [Password entry] information will appear in the page number representation section.



vi）Use the number keys to enter any 4 digits.

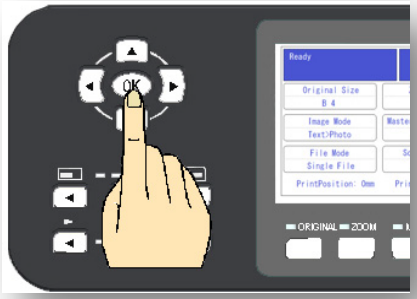


The first digit cannot be [0].

Enter the numbers in sequence and accurately.

vii）Press the [OK] key to complete the setup.

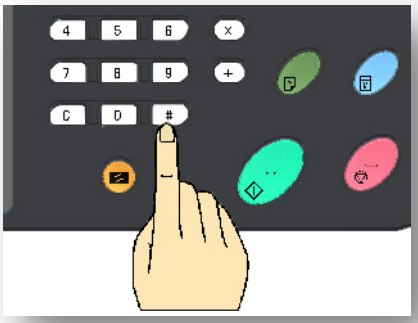
※ Display screen Return to basic screen.



Unset the password

i）Press [#] Key on panel when machine is on.

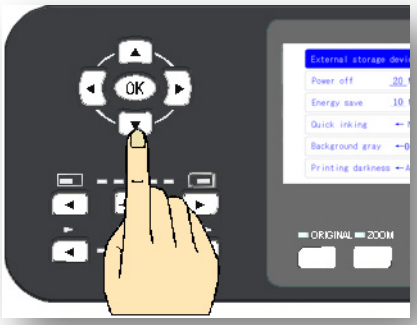
※ Display on show will change to [Setting] screen.



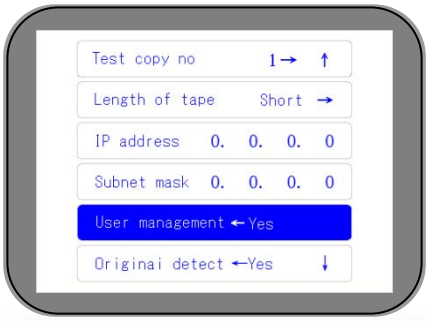
This setting is only workable when printing is available.
（under the case that there is no any faults）

ii） Use [Cursor Move key [▼]]to move to the project Settings screen.

※ The operation section is on the left side of the panel.

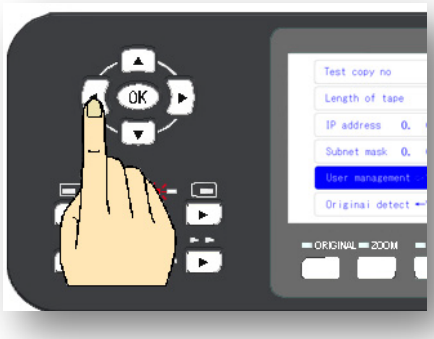


iii）There are two pages of project selection and setting, password setting is on the second page, press [▼] button to jump to the second page. The fifth item from the top down on the second page is[User management] setting project.

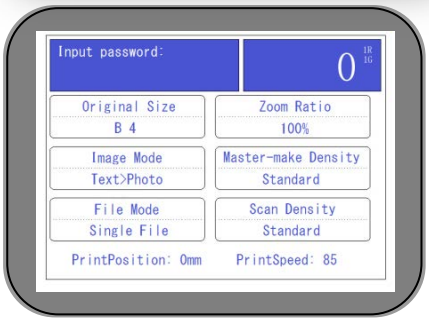


※ If password is set, [YES] is displayed.

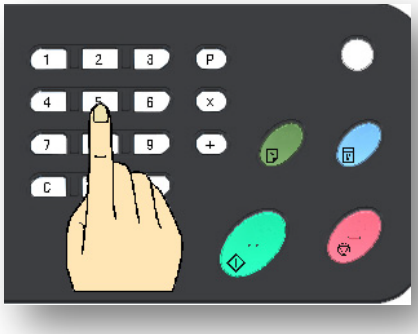
iv）Press【◄】button.



v）The [Password entry] information will appear in the page number representation section.



vi）Use the numeric keys to enter the password.

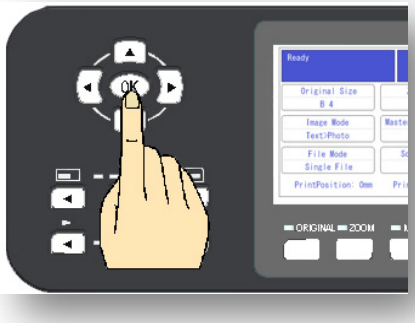


If the password is entered incorrectly, you cannot cancel the password setting.

Enter the numbers in sequence and accurately.

vii）Press the [OK] key to release the password.

※ Display screen Returns to the basic screen.



If the password protection function is set, when the main display light is off or just started, the machine wi llask for a password. (When turning on the machine/starting Power saving mode)

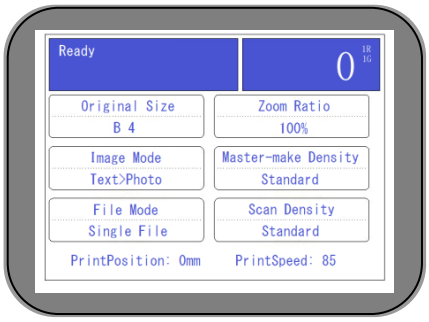
If the user forgets the password, contact the agent or after-sales department.

Total count display function

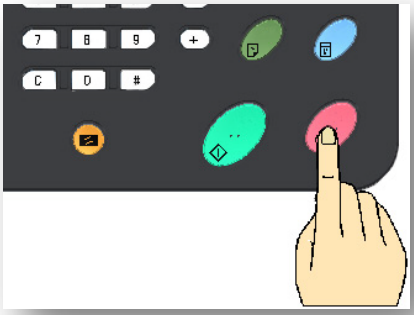
With the total number of printing and plate making as the standard for machine maintenance and replacement of machine parts, the workload after the installation of the machine can be judged.

Confirmation method

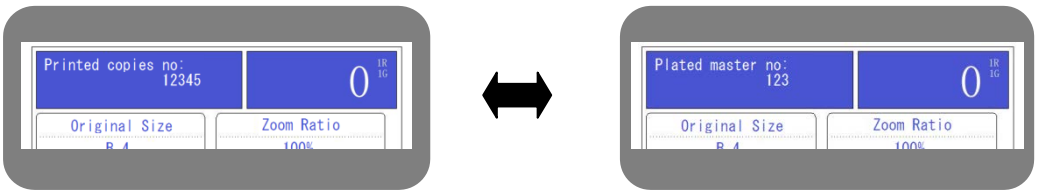
・When the machine shows the basic picture.



・Press the stop button for a while.



・The total number of printing copy and plate making during the long press period to date will alternate.



Number of printing copy　　Number of plate making

JR-2370S/2361S　When you place the manuscript on the manuscript board, if you do this, the placed manuscript will be expelled.

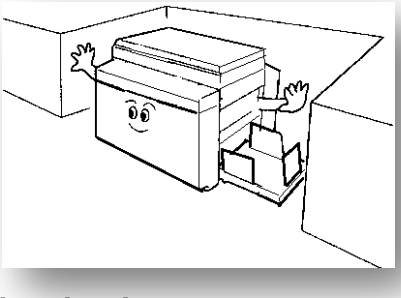
In the example, the number of sheets indicates the position [0], but this confirmation can be made if the machine stops during the process of entering the number of sheets or in the process of printing.

Notice before use

This part mainly describe the use of the machine environment, conditions, general precautions, the name of the various parts and functions and other important matters,please read the details before use.

- Installation environment and notices of the machine 17
- On original 17
- On printing paper 18
- On paper storage 19
- On page margin 19
- Daily management of machine 20
- Prohibit copying/printing 21
- Name of each part and its functions 22
  (by machine model)
- Name and function of keys of operation panel 28
- Operation setting picture 30

Installation environment and notices of the machine



・In order to use the machine safely, please be sure that the machine kept on a horizontal place during operation, consumables replacement / maintenance of the machine.

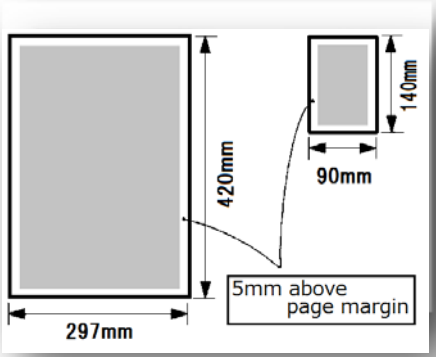
・There are safety hazards in the following environments and are trend to malfunction. Please avoid installing the machine in the following environments:

Direct sunlight AC/ Ventilator /humidifier outlet High temperature and humidity / low temperature and low humidity（Scope：Tempreture/10℃ ～35℃ Humidity / 20％～90％=No dew）

Volatile combustible accessories，damp / dusty / more vibrating place Magnetic field Unstrong ground Unstable Non-horizental

On original

Cheak Installation method of originals (Page 37）



Range of available paper is shown as follows:：

Maximum size around297mm × 420mm(JR-2361S/2370S)
around310mm × 432mm(JR-5360S)
Minimum size around 90mm × 140mm(JR-2361S/2370S)
around50mm × 90mm(JR-5360S)

When other specifications of paper are used, the sizes of originals can not be automatically recognized, but master making is available

・When the original is a book（JR-5360S）

Weight: max. 10kg ・ Thickness: max. 6cm

Make sure originals have 5mm above page margins. If page margin is insufficient, reading of originals will be failed, one part of originals can not be printed, and paper will be jammed

The maximum printing area of the machine is 252mm×360mm (B4 benchmark), when the original manuscript exceeds the benchmark and is read in proportion to the actual size, although it can be read successfully, it cannot be printed completely. In this case, use the scale-down function.

Although the page margin of the original is regulated to be more than 5mm, standard originals can be not printed successfully. Therefore, there are also many influencing factors, e.g. front fonts of originals are thicker and quality of paper used is bad, they are print failure influencing factors.

When writing of original is lighter, background of originals is darker or writing can be only read by eyes but not machine, there will beprinting failure phenomenon

When using a original conveyor, if the original paper is too thin, it may hinder the paper feed. In addition, donot use the original paper with clips, staples, please remove in advance.

When the following originals are used, please rightly use pantograph function for adjustment.

Originals bigger than 257mm ×364mm = zoom out

Original smaller than 90mm × 140mm = enlarge

Thicker originals Heavier originals

Conventional original size (Paper consumption)

A3	/	297mm	×	420mm
8K	/	260mm	×	370mm
B4	/	257mm	×	364mm
A4	/	210mm	×	297mm
16K sheet	/	195mm	×	270mm
16K book	/	185mm	×	260mm
B5	/	182mm	×	257mm
A5	/	148mm	×	210mm
Post card	/	148mm	×	100mm

On printing paper

Paper which can be used in the machine is shown as follows:

Paper characteristics

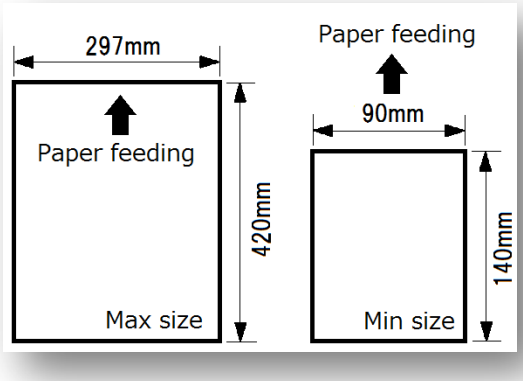
- Regular paper / think paper（40K）～ thick paper（128K）
- Recylced paper / regular paper
- Copy paper/ about 40K～128K
- Post card etc.

Unwokable printing paper

- Glossy paper（with colors）
- Lint paper（paper making、half paper）
- Pasted thick paper
- Paper with bad cutting side/incision
- Paper seriously deformed by squeezing

Paper size

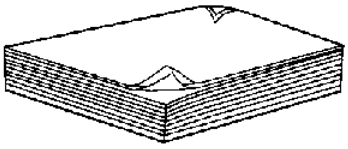
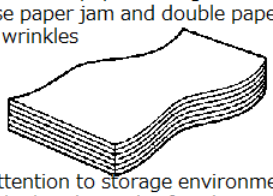
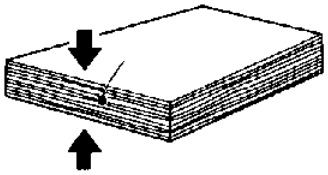
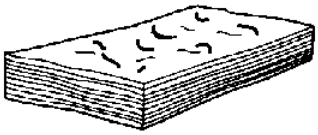
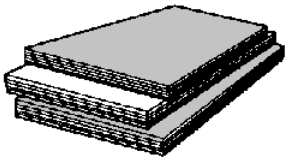
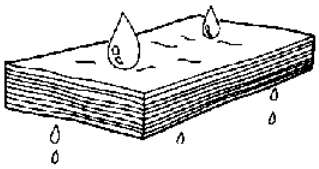
- Max. / 297mm × 420mm （A3）
- Min. / 90mm × 140 mm（Postcard）



The printing range is B4

On paper storage

・ Please do not use the following paper, because using of the following paper may lead to fault.

Bent of front end of paper is easy to cause paper jam Double paper intet and erinkles  Take out front bent	Paper is bent and deformed Paper is easy to be rolled on drum. Unfavorable paper arrangement will cause paper jam and double paper inlet and wrinkles  Pay attention to storage environment,and keep the bending sides facedown when in use	Cutting surfaces bonded together to cause paper jam Double paper inlet  Shake paper before use
Uneven paper surface is easy to cause paper jam Double paper intet and erinkles  Take out uneven paper	Different paper sizes are each to cause paper jam Unfavorable paper arrangement  Improve paper quality and size consistency management	Wet paper is easy to cause unfavorable paper arrangement / wrinkles  Do not put paper in wet place Do not put it on ground directly

・ Store paper in dry environment. Dampness of paper is easy to cause [Paper jam], [Poor printing] and other problems.

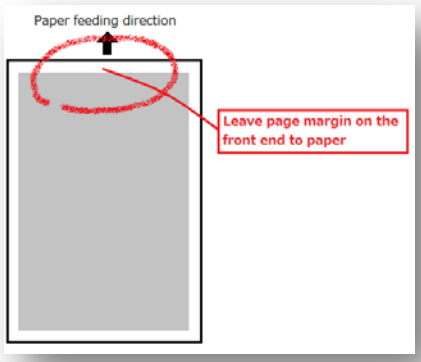
・ Unused paper should be packed by wrapping paper and stored in dry environment.

・ Store paper on horizontalplate.

・ If paper tied by rope has tying marks, please do not use it any longer

On paper margin

Professional printing ink used in the machine has stronger bond,and paper will be pasted on drum by its bond. Therefore, to guarantee successful printing, it is necessary to leave a certain page margin on the original in paper feeding direction particularly.



To guarantee successful printing, it is better to leave [10mm above] page margin.

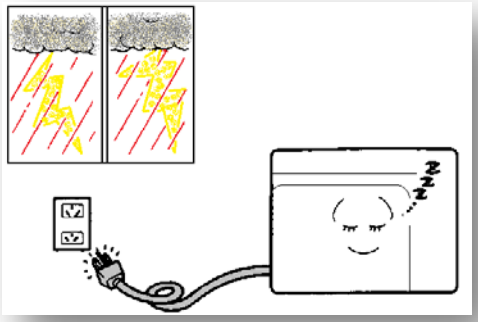
Cheak On original（Page 17）
On printing paper（Page 18）
[When paper rolls are used on drum]（Page 131 / 135）

Daily management of machine

- Please do not put weights on the machine, and do not impact the machine



- Please do not put bottle and cup filled with water on the machine, once water enters the machine, the insulation effect of the machine will get worse.
- Please do not drop sheet metal (Like clip and staple) in machine or gap.
- When the machine is working, please do not power off, pull out the plug and open its outercover.
- Before pulling out the plug from the socket, please power off the machine first and then hold the plug and pull it out of thesocket.
- Please do not pull out the plug and operate the machine by wet hand.
- When the machine has abnormal heat and abnormal noise, please immediately stop use, power off the machine, pull out the plug, and contact Agents or After-sales Department.
- Do not dismantle the fixed outer cover and components of the machine.
- Do not modify the machine and replace its components without permission.
- If there is lightening nearby, please immediately stop the machine, power off, pull out the plug, and use the machine after thunderstorm.



- Please refer the book on paper jam countermeasures and other problems.
- To guarantee the normal working of the machine and improve printing quality, please regularly maintain the machine.

When cleaning the machine, please turm off the machine, take out the plug, wipe the machine with a soft cloth dipped in a neutral washing solution and gently wipe the machine.

If the machine is cleaned by volatile oil and diluents, the machine will have fault or color change.

.

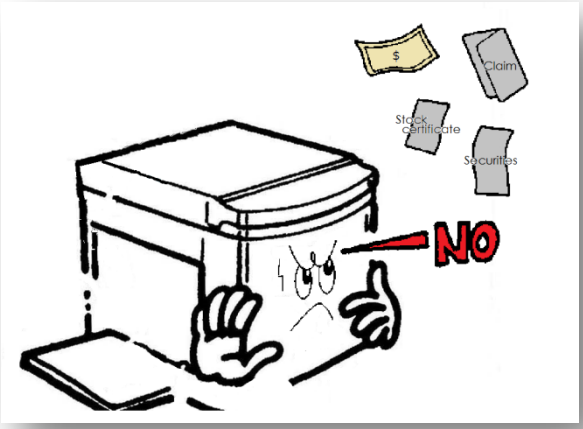
- When the installation place of the machine is changed, please carry the machine straight

（ Please contact with Agents or After-sales Department）

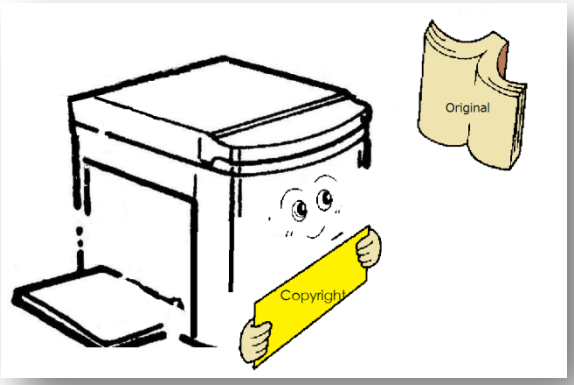
- Please operate the machine according to the record of the book.

Prohibit copying/Printing

When the machine is used for copying and printing, contents to be copied and printed are limited. Even if matters to be copied and printed are reserved by us, the illegal contents are prohibited to be copied and printed.



- Banknotes / Currency / Government-issued negotiable securities / Revenue stamp / Treasury securities/municipal bonds are forbidden to be copied.
  (The object stamped with“sample” is also forbidden to be copied)
- Unused stamps and postcards can not be printed without getting permit of the government.
- Effective banknotes/Currency/Security circulating abroad can not be printed.
- Folk negotiable securities (Stock/Bill/Check/Merchandise coupon)/Commutation ticket/Secondary tickets should be copied according to government requirements strictly except used in enterprise and public institution.
- Passport issued by government/License issued by public body/Permit/ID/Gate pass/Food coupon and other bills are forbidden to be copied privately.



- Collections in a private home and relevant“ not for sales” items like books, score, artwork, drawing, map, audio and video products and photos are forbidden to be printed.

Name of each part and its functions

JR-5360S



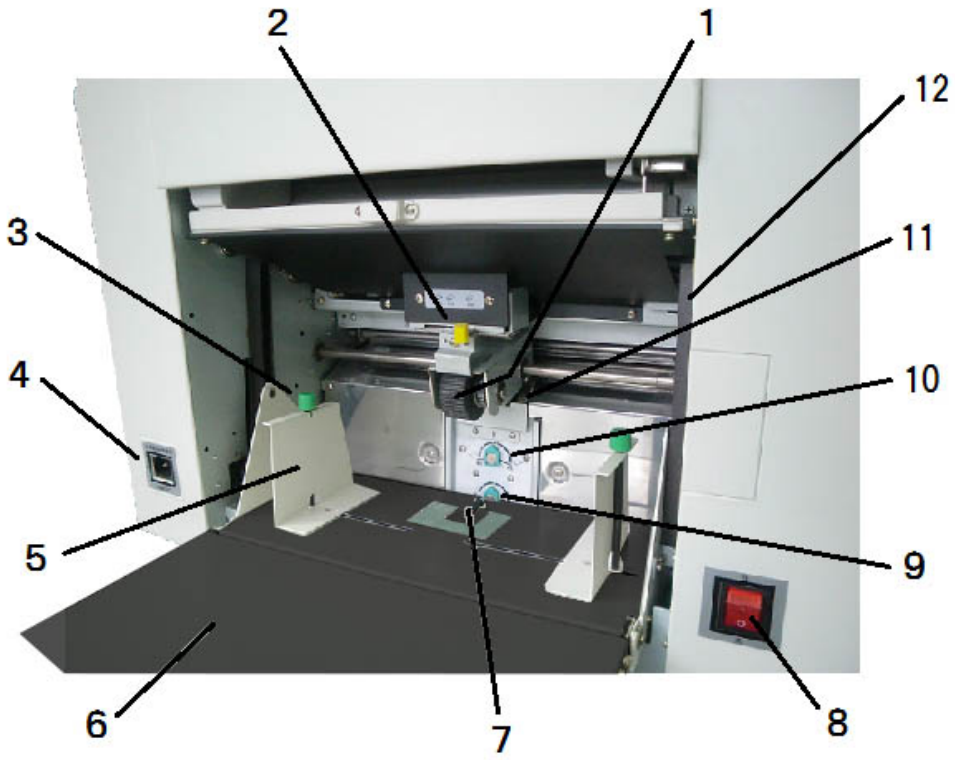
No.	Name	Functions
1	Cover of scanning table	Make originals contact with glass of original scanning table well
2	Glass of original scanning table	Put originals upside down.
3	Scanner locking lever	To lock the scanner,, preventing scanning part moving
4	Power line socket	Connect the power line
5	Paper feeding table	Load printing paper. It will lift automatically when mastering-making and printing is on
6	Power switch	When the button is pressed to [|], it represents the power supply is switched on; when the button is pushed to [◯], it represents the power supply is turned off.
7	Front panel	When changing ink/mounting drum/handling master paper stacking problems, open the front door for treatment.
8	Paper receiving table	Print paper after loading.
9	Control panel	Cheak ☛ Name and functional reference of operation portion (Page 28 ~ 29)



No.	Name	Functions
1	Cover of scanning table	Make originals contact with glass of original scanning table well
2	Top cover of master-making	Load the original after scanning.
3	Power pocket	Connect power line
4	Paper feeding table	Load printing paper. It will lift automatically when mastering-making and printing is on
5	Power switch	When the button is pressed to [|], it represents the power supply is switched on; when the button is pushed to [○], it represents the power supply is turned off.
6	Paper receiving table	Receiving printed paper
7	Front door	When changing ink/mounting drum/handling master paper stacking problems, open the front door for treatment.
8	Control panel	Cheak ☛ Name and functional reference of operation portion (Page 28 ~ 29)
9	The original supporting plate	Place the original facing down

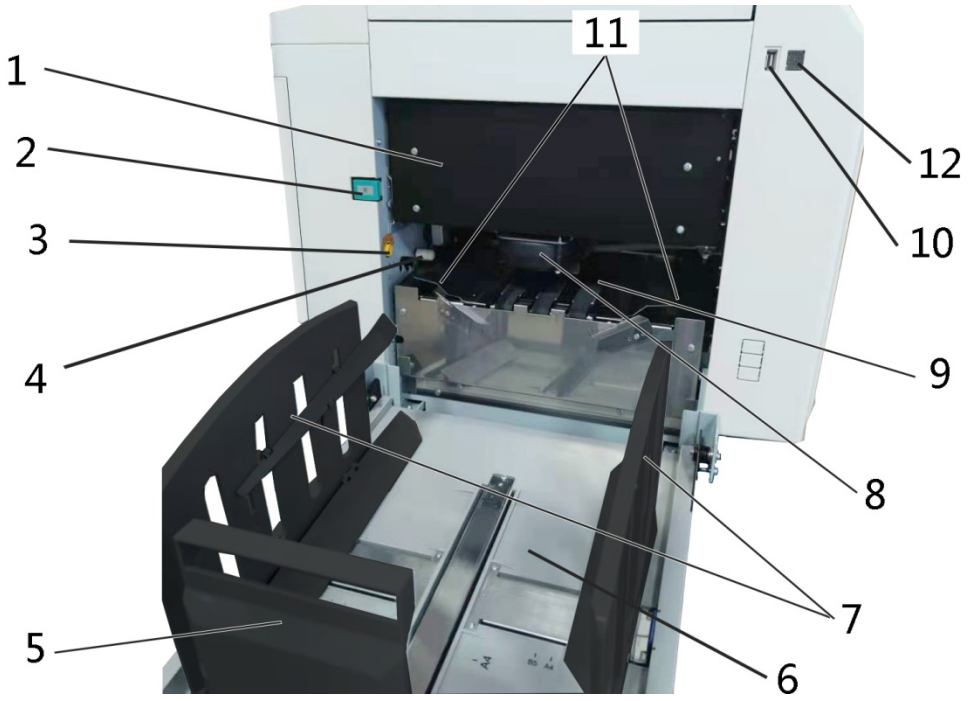
The machine parts and components in detail

Paper feed tray assy



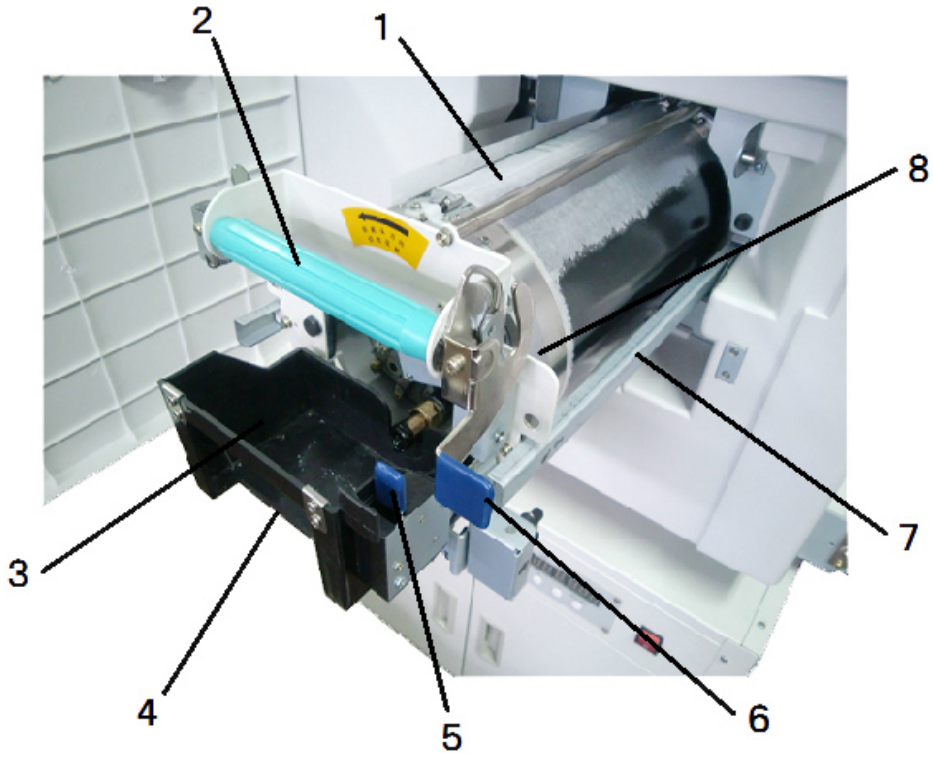
No.	Name	Functions
1	Paper feeding roller	Push forward the paper into machine, two pieces in row
2	Feed pressure adjustment handle	According to the state of paper feed switch pressure switch size, divided into 3 block.
3	Clampboard movement shaft assembly	Secure the clipboard to the paper feed table. One of the left and right sides of the cardboard
4	Power jack	Insert the power cord.
5	Clipboard	A splint that determines the position of the paper. bilateral symmetry.
6	Paper feed platform	Loading printing papers
7	Paper detector	Detect the paper available on the platform
8	Power switch	Press [**I**] to turn on power， press [**O**] to turn off.
9	Auxiliary block height adjustment knob.	Adjust the knob on the left and right sides of the subassembly.
10	Separating paper pressure adjustment knob	To adjust the paper separating pressure
11	Paper separator	The rubber film to spate the printing papers
12	Paper feeding lift button	Raise the paper feed table and use the button when handling paper jams.

Paper receiving tray assy



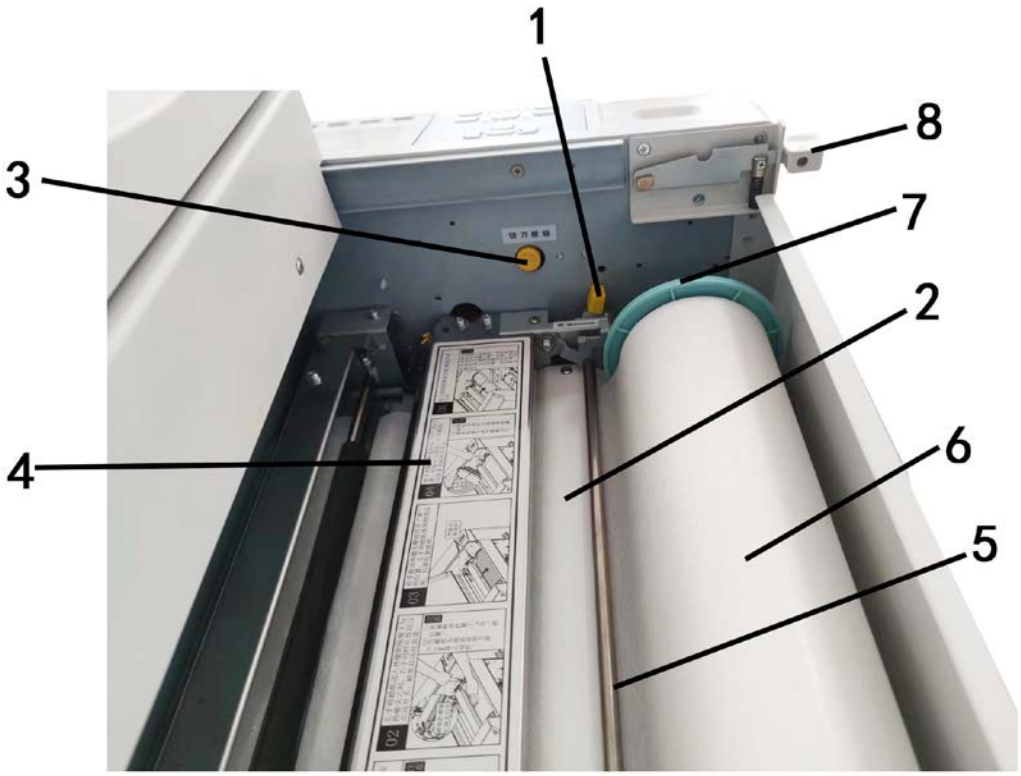
No.	Name	Functions
1	Disposal box	It contains the disposal masters
2	Disposal box switch	Press this switch before opening disposal box
3	Drum rotating switch	Press it when rotating the drum or during paper jam
4	Printing pressure adjustment handle	Adjust the pressure of printing roller
5	Baffle of paper receiver	To make the printed papers assilignment after printing
6	Paper receiving tray	Load the printed papers
7	Paper-out guiding board	The two sides of the paper are aligned
8	Suction	Get off the paper from drum
9	Paper output belt	The paper passed out by the belts
10	USB port	Connect USB power line, U-disk can print directly
11	Support plate for paper receiving platform	Make the printed papers go to the receiving tray smoothly. It can be slight adjusted.
12	Network connecter	Connecting to networking for printing (only for 5360S)

Drum unit



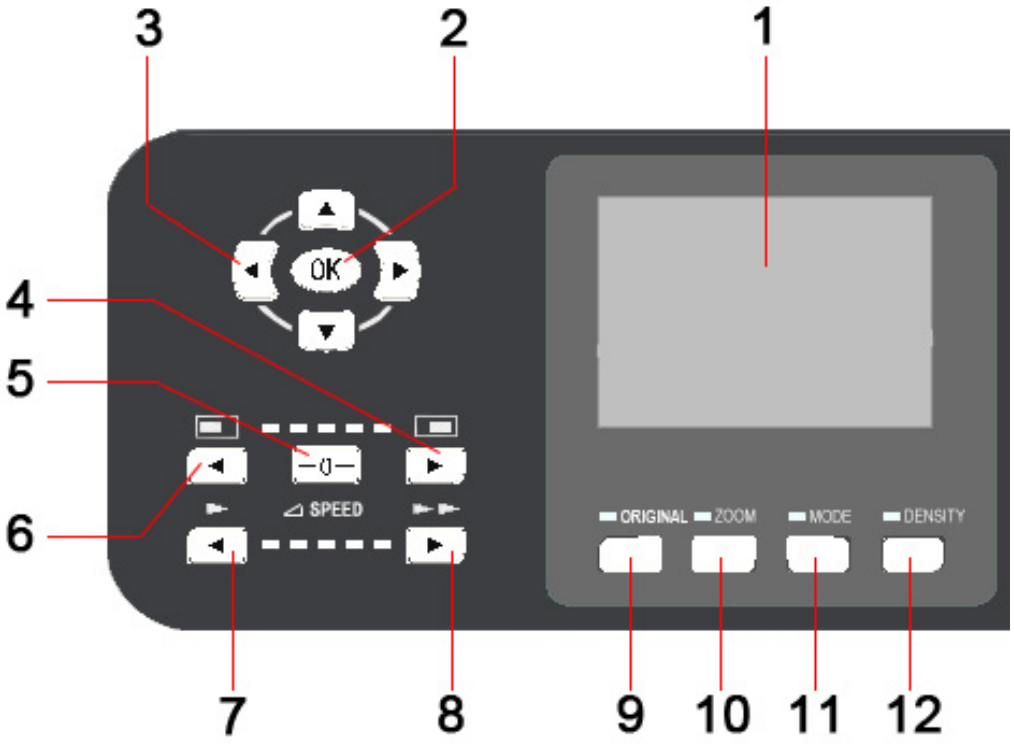
No.	Name	Functions
1	Drum	Print ink on paper
2	Drum handle	Hold the handle for taking out drum and for installation
3	Ink box bracket	Install appointed ink vessel
4	Ink installation detector	Make sure installation of ink
5	Installation handle of ink vessel	Use when changing ink box, and lock ink box bracket
6	Drum installation handle	Use locking drum when taking out and mounting the drum
7	Drum guide rail	Guide rails for mounting the drum in main body of machine (a left one and a right one)
8	Drum locking switch	Handle for rightly mounting the drum in main body of machine

Master-making part

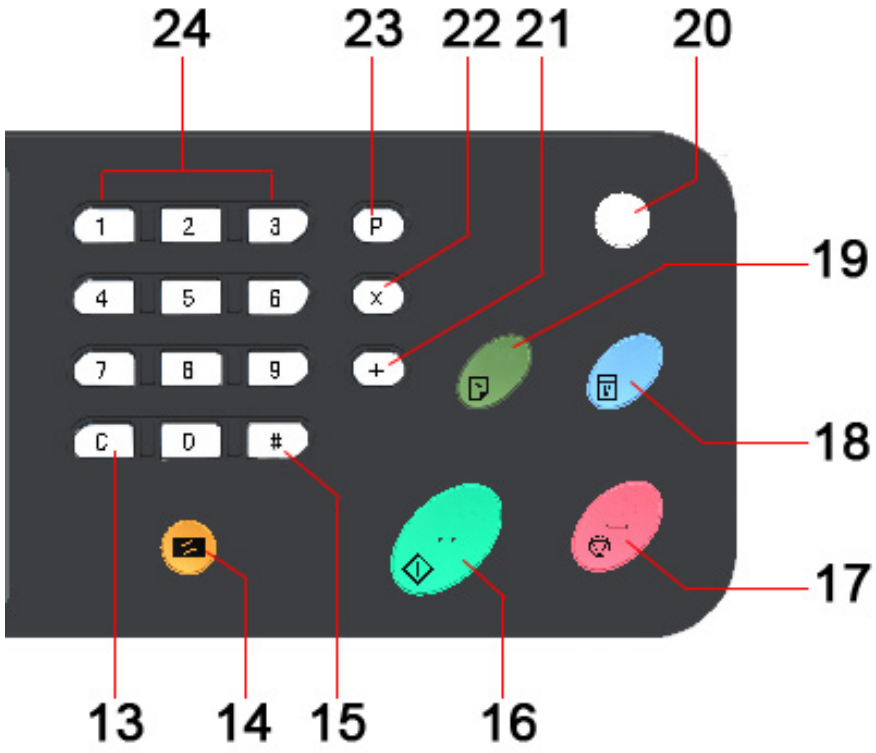


No.	Name	Functions
1	Thermal head relese lever	Used in installing master
2	Cover of thermal head	To push forward the stencil with this cover
3	Cutter switch	Used in installing master
4	Cutter(inside of cover)	To cut the master
5	Long axial to avoid folds of paper	To make sure the master is strengthened in plat way
6	Master	To make a master for the original
7	Master flange	Fitting to install master on machine (left and right side)
8	The original platform switch handle	It is open or close for original table (JR-5360S)

Name and function of keys of operation panel



No.	Name	Functions
1	Display screen	Display necessary information in operation and printing of machine
2	OK button	Confirm setting
3	Selection button	To select or change the item you want
4	Space adjustment button (Right movement)	To adjust the printing position to the paper head side.
5	Space reset button	Press this button to reset the space to be center
6	Space adjustment button (Left movement)	To adjust the printing position to the paper backward side.
7	Printing speed djustment (Make slow)	Slow the printing speed
8	Printing speed djustment (Make fast)	Fast the printing speed
9	The original size button	All the original sizes for user
10	Master-making zoom button	All the master-making size for user
11	Master-making mode button	All the master-making modes for user
12	Master/scan concentration button	All the master/scan concentration for users choice

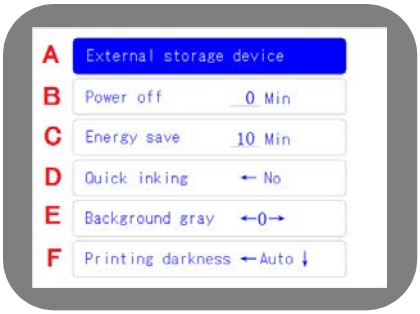


No.	Name	Functions
13	C Key	Cancel the input number or reset the counter to zero.
14	Setting key Reset button	Used when displaying operation setting selection picture. Reset the machine, and make some settings back to initial state (except master making concentration, scanning concentration and image mode)
15	# Key	Enter grouping function interface.
16	Printing button	Make machine enter printing process.
17	Stop button	Stop current operation. During master making, the machine will not stop before master making process is ended.
18	Master making button	Make machine enter master making process.
19	Trial print button	To print the testing book
20	Energy saving key (LED light)	It is used for choosing Energy saving function. The light is red during action.
21	+ Key	To increase for grouping function
22	× Key	It is a movement between pieces and sets in grouping function
23	P Key	Enter the grouping function
24	Numeric key	Used when inputting printing number or value.

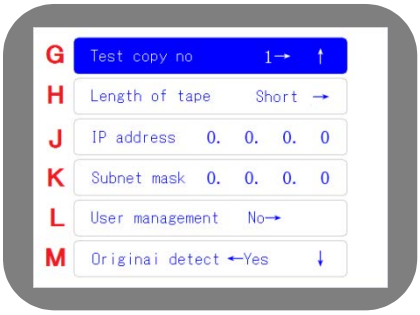
Operation setting picture

Press the [#] button in the operation panel, the display will change to the operation setting screen.The content is divided into three pages.

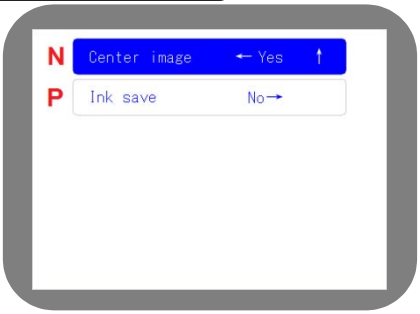
The first page



The second page



The third page



※ Symbols (A ~ P) in the table are recorded for to explain, they are absent in actual picture.

Mark	Name	Contents	Reference
A	Outer storage device	Used when displaying data in U flash disk	Page 118
B	Automatic shutdown time setting	Automatically switch off power supply after the machine stops for a certain time	Page 9
C	Automatic energy saving time setting	The display screen is automatically powered off after the machine stops for a certain time	Page 8
D	Quick ink outlet setting	Feed paper during master making, and guarantee printing quality	Page 74
E	Background concentration setting	Adjust and eliminate background setting	Page 57
F	Printing concentration setting	Setting of automatically adjusting pressure of pressure roller according to printing speed	Page 52
G	Trial printing number setting	Setting of trial printing number after master making	Page 64
H	Length setting of grouped paper tape	Setting of printing action during grouped printing	Page 45
J	IP address	Input necessary information when continuously printing on line	Page 104
K	Subnet mask	Input necessary information when continuously printing on line	Page 107
L	User management	Setting of passwords input when the machine is operated	Page 12
M	Original recognition setting	Setting of automatically recognizing original size	
N	Image center	Center setting of master making position	
P	Ink saving setting	Reduce ink consumption	Page 73

Basic printing operation

It mainly describes the pre-print preparation, the basic operating methods and operating sequence.

Printing preparation 32

- Installation method of power cord 32
- Placement method of printing paper 33
- Installation method of paper receiving tray 36
- Installation method of originals 37

Basic printing method 39

Printing preparation

Installation method of power cord

1. Keep the switch power off



- Power switch is on the left of themachine.

Cheak Parts and functions of each part of the machine
（Page 22～24）

2. Insert special power cord of the machine



- Jack is on the left of the machine.

Cheak Parts and functions of each part of the machine
（Page 22～24）

3. Insert the power plug into the socket



- Please insert the power plug into the socket firmly, or it will be disconnected during printing.

If the plug is disconnected during printing process, please install the power supply as steps1～3.

Cheak On notices of power supply (Page 1)

When pulling out the plug from the socket, please first switch off the power supply, then pull out the plug after the display screen is black.

Placement method of printing paper

1.Open the paper feeding table gently



Cheak Parts and functions of each part of the machine（Page22～24 ）
On paper printing（Page18 ）

2.Installation of printing paper



・Put paper on paper feeding table,align the front end of paper with the front end of paper feeding bracket, adjust frisket finger according to paper size, and fix clipboard plate.

Cheak Parts and functions of each part of the machine（Page22～24）

If this is the case, gently press the front of the paper or tilt it side down.

3.Setting on pressure of the paper supply



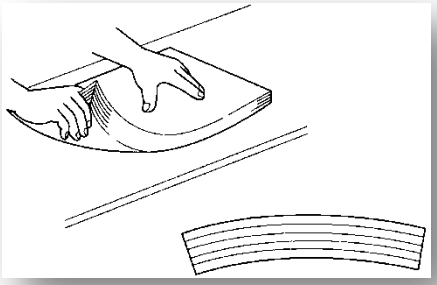
・ Set the paper feed strength adjustment, adjust the paper feed force by the pressure adjustment handle.

The feed pressure is not adjusted according to the paper, but is adjusted according to the paper feed condition.

The paper feed pressure adjustment handle is divided into three levels:

[Thin]	Thin paper～Standard paper
[Standard]	Standard paper～Thick paper
[Thick]	Thick paper

Poor paper or cut the surface is caused by poor paper is an important reason for the poor, so before the installation of the first finishing, scattered sticky paper together



If the paper is tilted, manually correct the paper, or place the tilt direction down. In particular, there is a lot of paper misfeeds due to the tilt of the paper.

4.The setting of the separation pressure



- In order to prevent the paper from being over lapped together, he adjustment is realized by the knob.

The adjustment of [paper pressure] is not determined according to the condition of the paper used but according to the actual feeding situation.



- pressure get weaker when the knob turns left
- pressure get stronger when the knob turns right

The cases to weaken the paper pressure as follows:

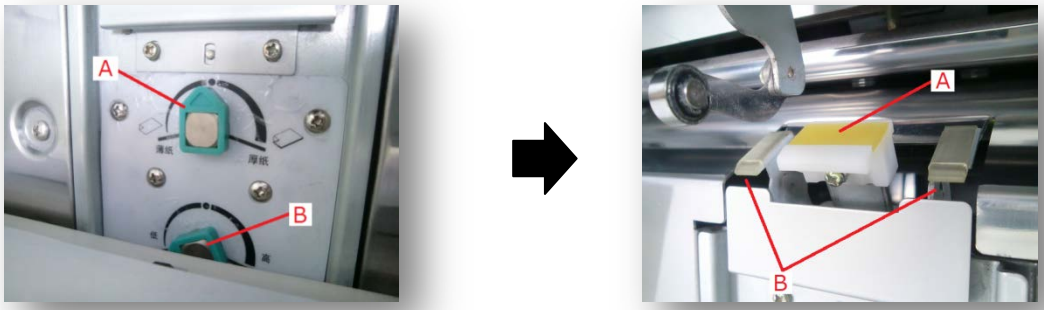
- Paper is wrinkled when the paper is fed, and the front of the paper is scratched
- Paper feed is not smooth and is jammed

The cases to strenthen the paper pressure as follows:

- There are white paper in the printed paper
- 2 ～3 sheets of printing paper are fed together, and the printing position is deviated Tips

Tips

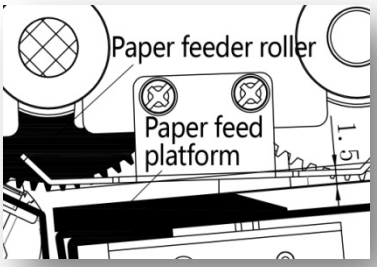
Separating pressures, is mainly by (A) knob adjustment,also by auxiliary (B) knob for paper feed baffle



(A) knob adjust the paper separator strength while (B) knob is for the height of paper feeding auxiliary board. Normally, when (A) is adjusting the paper separating pressure, and (B) should be on the far left side.

(A) knob is turning to left, the pressure is getting less, turning to right getting stronger. (B) knob is turning to the left, the height of board is down; and turning to the right, the height is up.

5.The height setting of paper feeding table

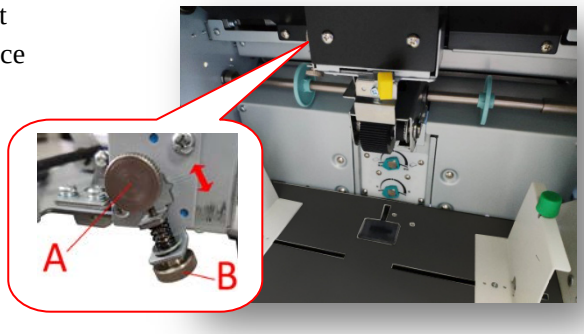


- Set the height of paper feeding tray by adjusting paper detection trimmer screw.

Factory setting standard for the height of paper feeding table: the space with paper feeding roller should be 1.5mm

Tips

Firstly start Detecting adjusting screw (A) ,then you can start Paper detection trimmer screw (B). Use (B) to adjust the space between paper feeding table and paper feeding roller.



Installation method of paper receiving tray

1. Open the paper receiving table gently



Cheak Parts and functions of each part of the machine（Page 25）

Do not release the table to avoid machine damage when opening.

When the paper tray is fully open, it is slightly lower than the machine.
Do not place items under the paper tray and open the paper tray completely.

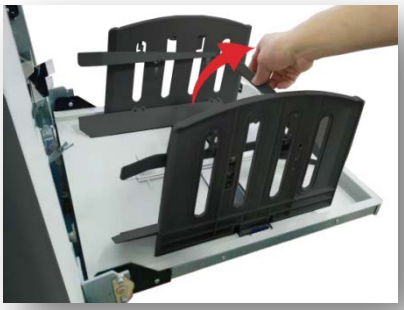
2. Open the paper-out guide plate



- Adjust the position of the paper-out guide paper according to scales on the paperreceiving table.

According to actual paper-out conditions, slightly adjust paper to guarantee it can be placed orderly.

3.Open the front baffle plate of the paper receiving



- The front baffle is sliding type.

Slightly adjust according to the papers out and make sure the papers are assigned.

Installation method of originals

1. Open the cover of the scanning table

JR-5360S



JR-2370S/2361S



2. Put the printing sides of originals to be printed on the scanning table face down

JR-5360S



- Align the original with the left end of the scanner on the glass.
- There is a sign【▲】 in the middle of the left side of the glass plate to align the center of the front end of the document with this symbol. (Marked with reference mark)

JR-2370S/2361S



- Put the original on the middle of the paper platform Adjust the press board according to the original size Put the original into the auto paper feeding entry .

.

Make sure that the paper on the paper table is the same face down as the original on the glass.

When the font on the front of the original is too large while the front edge margin is small and the back margin is large, place the original in reverse order. (The thick side of the font placed on the back side).

Only for JR-2370S/2361S

Long press the Stop button on the operation panel when you want to remove the original you are feeding.

Cheak On original（Page 17）

3. Slightly close the scanning cover（only for JR-5360S）



When the original is a magazine or book, the setting method is the same as the single page,and the original is centered on the left side of the scanner.

It is not correct to intentionally place the original for tilting the original in order to correct the tilted originals, which may cause poor read or malfunction.Please correct the original and then print it.

参照 On original（Page 17）

Basic printing method

※ Use new originals in master making～printing process

1. Power on



- Power switch is on the left of the machine.
  When the button is pressed to [I], the power is on;
  When the button is pressed to [O], the power is off.

Cheak Notices of power supply（Page 1/4）
Parts and functions of each part of the machine
（Page 22～24）
Installation method of power plug（Page 32）



The display shows the right screen during machine startup.
Please be patient.

After turning on the power, some part of the machine turning, is a normal phenomenon, not a fault.

2. Place printing paper on paper feeding tray





Cheak On printing paper（Page 18～19）
Installation method of printing paper（Page 33～35）

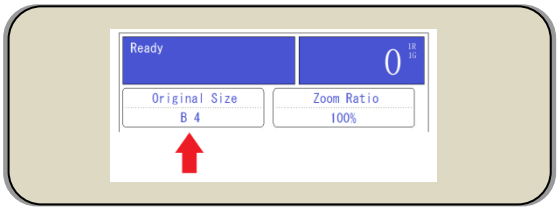
3. Set paper-receiving tray



Cheak Installation method of paper-receiving tray（Page 36）

4. Place originals

- The machine can automatically recognize and display sizes of originals.（only for JR-5360S）





Cheak Ⓢ On original（Page17～18）

Setting method of originals（Page 37～38）

※ JR－5360S

On various settings of master making

Cheak Ⓢ Change printing concentration

Change scanning concentration（Page 53）

Change master making concentration（Page 52）

Print color originals of pictures（Page 59）

Background treatment of originals（Page 57）

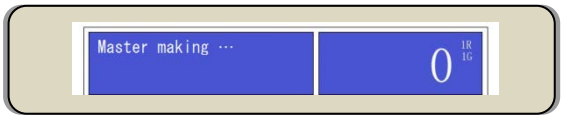
Change scales of originals（Page 61）

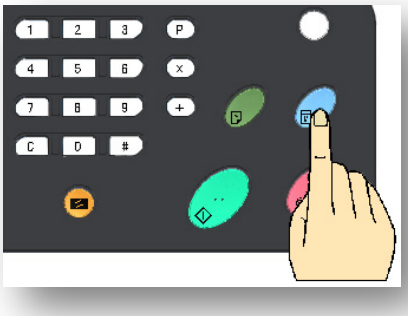
Merge originals（Page 66）



※ JR-2370S / 2361S

5. Press master making button



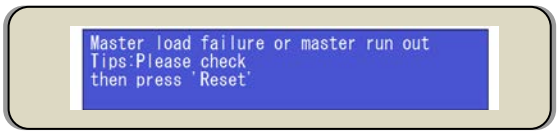


A serious of continuous operations of waste master out,→
reading of originals, → master making, →
master loading and proof printing

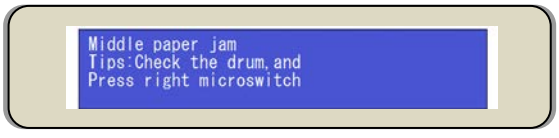
Fault hints in work



Cheak Ⓢ （Page 132/137）



Cheak Ⓢ （Page 80/133）



Cheak Ⓢ （Page 131/135)

- **After one trial…**

Cheak Increase proof printing（Page 64）
Adjust printing position（Page 48）
Change printing speed（Page 51）
Adjust frisket finger of paper-out guidence and paper receiving support（Page 36）

If problem happened during trialprinting…

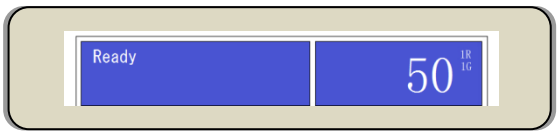
Cheak Overall light / dark → Change master making concentration（Page 52）
→ Change scanning concentration（Page 53）
Remove background color → Use background color removal function（Page 57）
Uneven concentration → Increase proof printing（Page 64）
No (almost no) printing words → Proof printing for many times（Page 64）
Confirm the surface condition of the drum（Page 87）

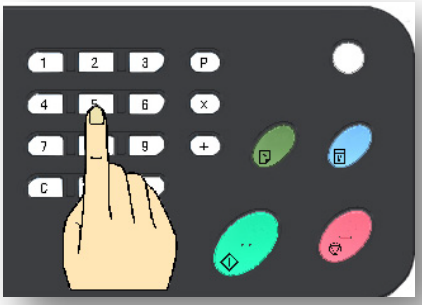
Fault information display inwork



Cheak （ Page 84）

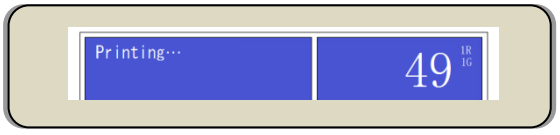
6. Input printing number

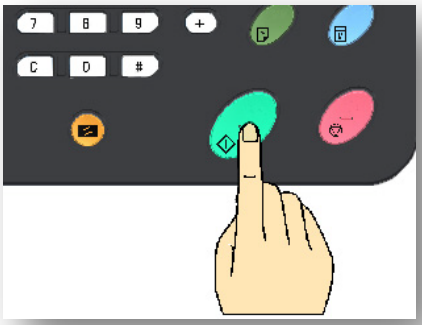




Cheak Printing number input method（Page 45）

7. Press [Print] button





- When printing starts, the input print number starts less.

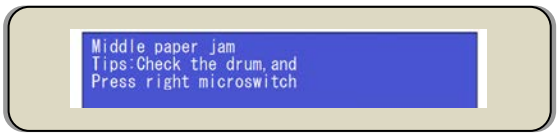
Hints display in printing



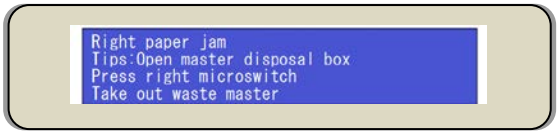
（Page 33）



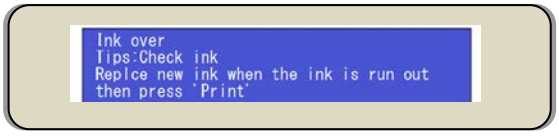
（Page 130/134）



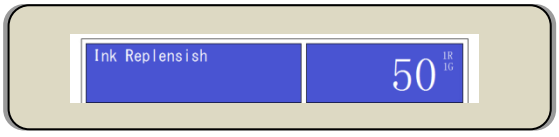
（Page 131/135）



（Page 130/136）



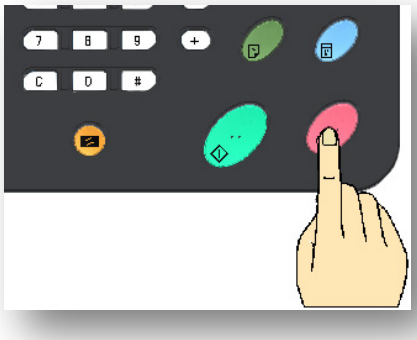
（Page 77）



（Page 79）

8. Press [Stop] button to terminate printing

- When the machine stops, remain number of paper will be displayed



Please press [Print] button to continue printing

Generally speaking, when input number of paper has been printed, number input place will tentatively display [0], and then the initial input number will be recovered. In case of directly pressing master making button in this case, the machine will be directly used for printing without proof printing link, and therefore, please pay attention to number display on the number input place.

Notices when one original is printed largely.

Master used in printing is much thinner. When one original is largely printed, master paper will be Damaged to influence printing quality. Therefore, in consideration of this factor, during printing, please make master again when one original is copied to about 2,000 pages.

Various use functions

Mainly record the application method of functions of input of printing number, printing speed, printing concentration and zooming.

Input of printing number 45

Printing position adjustment 48

- Adjustment space of up/down direction 48
- Left and right direction adjustment 49

Printing speed adjustment 51

Printing concentration adjustment 52

- Master making concentration adjustment 52
- Scanning concentration adjustment 53
- Printing pressure adjustment 55

Original background color removal function 57

Original mode selection 59

Zooming of originals 61

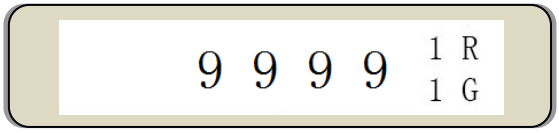
Proof printing number setting 64

Special printing function 66

- Two-in-one master making function 66
- Master making of books and magazines 70
- Ink saving mode 73
- Quick ink outlet function 74

Input of printing number

Input printing number by numeric key on operation panel. The maximum number which can be input once is [9999] pieces (4 digits). If grouping times blend, a greater quantity of printing can beachieved.



Input number will be displayed on display screen.
Remaining number is displayed in printing (Subtraction).

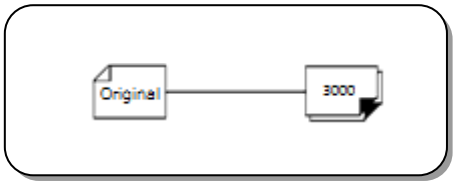
Two examples will be given for explanation.

1. General printing

After inputting number of sheets, continue printing. When printing paper is used up, the machine will display remaining number of sheets and the machine stops. After adding printing paper on the paper feeding table, press printing button for printing again.

- When input number of sheets is 3000
  （Continuously print 3,000 sheets）

  Input by numeric key = [3] - [0] - [0] - [0]



2. Group printing

The function is used when distinguishing the same printing paper delivered. After once group printing is completed, grouping times will be reduced. At this time, the machine is still working, but printing will be tentatively stopped, and therefore, marking objects are put on delivered printing paper for distinguishing or delivered printing paper should be taken away.
According to setting, the machine starts reprint after manually pressing [Printing] button. After the input number of sheets is totally printed, the machine will stop.
Group printing is divided into [Pure group printing] and [Complex group printing].

- Please use [Special group input button] for input.



On group printing

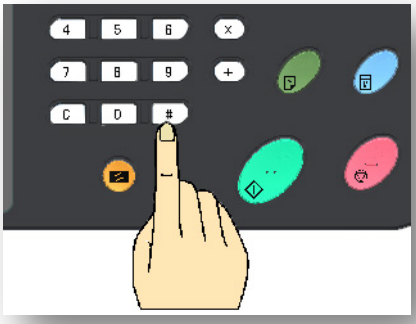
Manually start printing functions…

- After the input number of sheets is totally printed, the machine will continue to run, but stop feeding paper. In this period, printing paper on the paper-out table should be taken out or distinguishing objects should be placed,and then, when the machine needs to continue printing according to practical situation, printing button should be pressed to start nextprinting.

Automatic printing functions

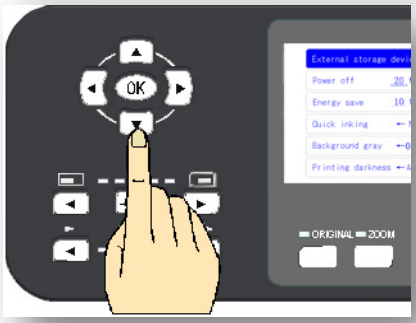
・After the input number of sheets is totally printed, the machine will continue to run, but stop feeding paper after a time. The stop time can be divided into 3 levels. During the period of stopping feeding paper, the delivered paper should be taken away or separation objects should be placed. After paper feeding is stopped for a certain time, the machine will start next printing. When [paper sorter] is applied, the signed tape will be put and cut off automatically when the machine stopprinting.

Motion setting method (Basic picture)

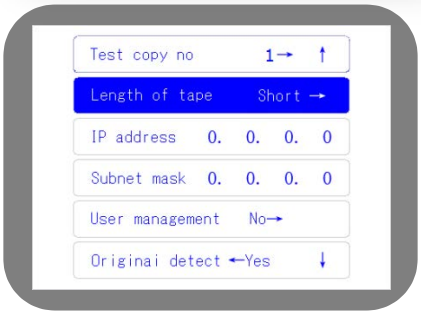


i) Press [#] key to enter setting picture.

ii) Press [Cursor moving key【▼】], move to [Group action] selection.

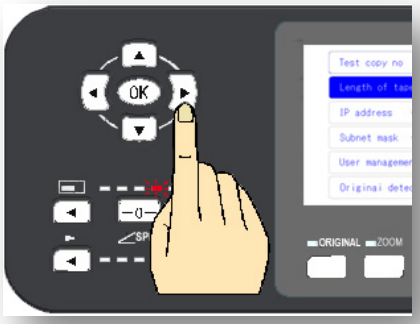


The setting screen has 3 pages, and the grouping setting screen is on the second page.



iii）Use [Cursor moving key【 ◀ 】 and【 ▶ 】] for selection

・Group printing intervals: 【Short】 = 5s
【Middle】 = 6s
【 Long 】 = 7s
【 No 】 = Manual

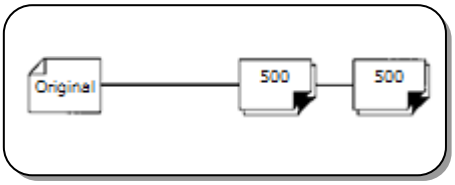


When selecting【No】 and drum of each group runs without load, it is necessary to press [Print].

iv）Press [【OK】button] to complete setting.

E.g.) 500 pcs in 2 groups / simple grouping

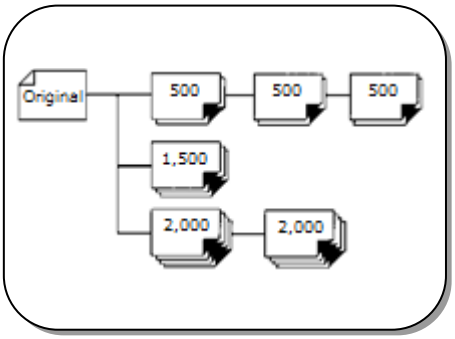
(1000pcs in total)



Enter the following in sequence:

[P]
[5] - [0] - [×] - [2] - [OK]

E.g.) 500 pcs in 3 groups / 1500 pcs in 1 group / 2000 pcs in 2 groups / complex grouping (7000pcs in total)



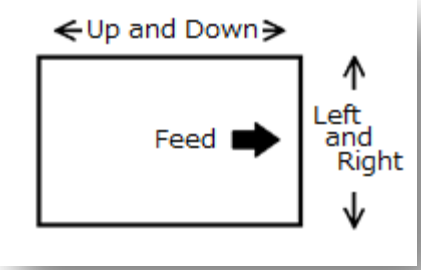
Enter the following in sequence:

[P]
[5] - [0] - [0] - [×] - [3]
[+]
[1] - [5] - [0] - [0] - [×] - [1]
[+]
[2] - [0] - [0] - [0] - [×] - [2]
[OK]

When setting group printing, enter in sequence without spacing.

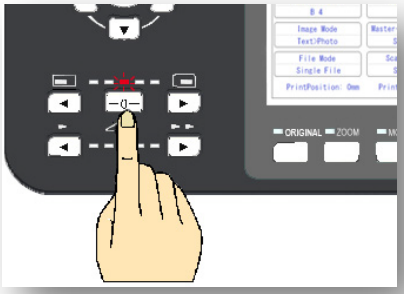
Printing position adjustment

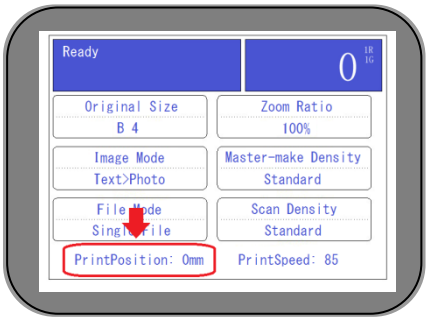
Printing positions of printing paper can be up and down/ left and right. Up and down/left and right control buttons are different.



1. Adjustment of up / down direction (Adjusting in printing)

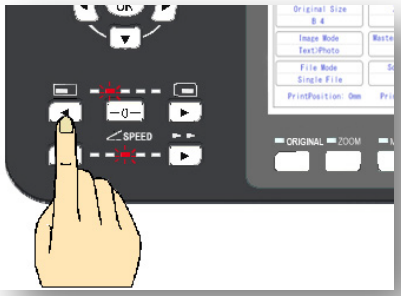
Adjust through [Print position] button of operation part. No matter the machine is stopped or working, adjustment is based on center. Moving scale displaced on the left lower portion of the display.





- **Rearwards adjust printing position**

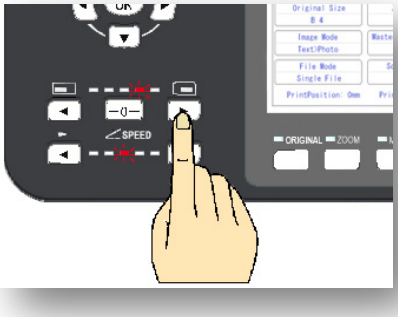
Use printing position button / Left for adjustment.



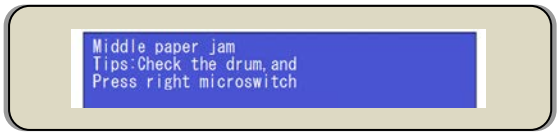
If the printing position is adjusted down excessively, the lower contents of the paper will run over and can notbe printed. During adjustment, please confirm printing state first, and then make adjustment. When the lower sides run over and should be printed, run-over contents will be printed to the back.

- **Printing position is forwards adjusted**

Use printing position button / Right for adjustment.

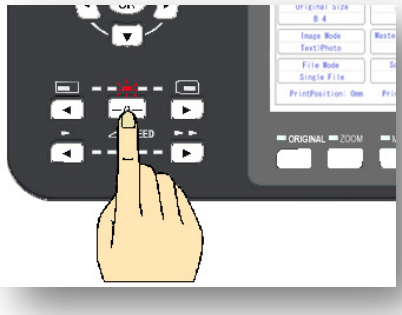


If the printing position is excessively adjusted up, page margin will be reduced, printing paper will be winded on the drum. During adjustment, pay attention to confirm printing state （Page 131/135）



- **Adjust printing position to the center**

Press【Center reset】key.



2.Left and right direction adjustment(Forbidden in printing process)

Adjust the paper placement of the paper feeding table

i) Loose the retaining screw of clamping paper panel

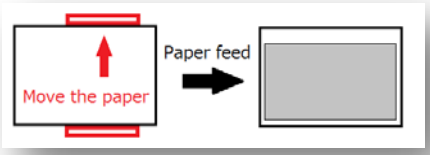


ii) Move the clamping paper panel left and right to adjust the position of paper.



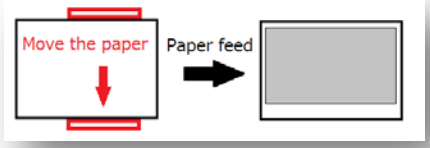
- **When printing position is adjusted to left** (Operation side)

Rotate the knob to left, and move printing paper against operation side.



- **When printing position is adjusted to right** (Against operation side)

Rotate the knob to right, and move printing paper to the operation side.



The operation is forbidden in printing process. Be sure to adjust after terminating printing and lowering the paper feeding table.

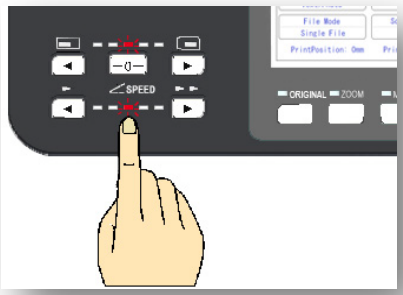
Cheak Lower printing table（Page 33～34）

Excessive adjustment will lead to incomplete printing. After adjustment, please use proof printing function, and print after confirming printing state.

When contents run over and need to be printed, edges or integrity of printing paper will be adhered back to back or during master making and printing, run-over contents are printed in new masters.

Cheak Proof printing（Page 64）

Printing speed adjustment



Adjust through [Printing speed] button on operation part.

There are 5 classes in total. After setting, the selected level will be on the screen.
Standard speed is [3]

[Speed 1] = 55pcs/minute

[Speed 2] = 70pcs/minute

※ [Speed 3] = 85pcs/minute　Standard speed

[Speed 4] = 105pcs/minute(JR-2361S/ JR-2370S)　　120 pcs/minute (JR-5360S)

[Speed 5] = 130pcs/minute(JR-2361S/ JR-2370S)　　140 pcs/minute n(JR-5360S)

When printing speed is faster, printing is lighter, and verse vice.

Air temperature in summer is higher, ink will get softer, and printing is overally thicker. In this case, if printing speed is increased, printing will get thinner.

Air temperature in winter is lower, ink will get harder, and printing is overally lighter. In this case, if printing speed is lowered, printing will get darker.

Special function Cheak（Page 56）

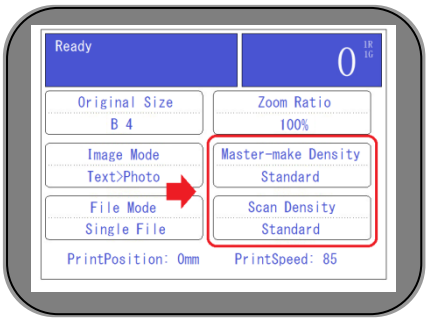
The above contents mentioned that printing speed will have a certain impact on printing concentration. To lower this impact, the machine has printing-pressure automatic control function, namely the function of automatically adjusting printing pressure according to printing speed.

When the function can be stopped at any time, printing pressure is regulated to level 5.

Printing concentration adjustment

General printing concentration adjustment method:

[1. Adjust master making concentration];
[2. Adjust scanning concentration];
[3.Adjust printing pressure].



Adjustment of [Master making concentration] or [Printing pressure] will change overall printing concentration, and adjustment of [Scanningconcentration] will change color of originals. Printing products will also change. Printing products will have a certain difference with originals.

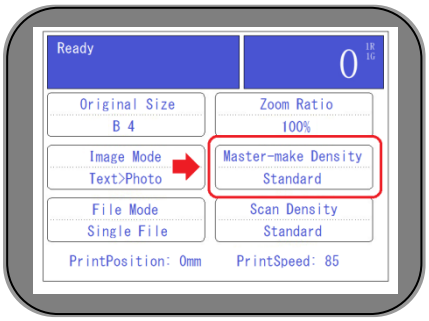
Generally, master making concentration and scanning concentration are set on [Standard] position, and will be also displayed in display screen. Different machine models will lead to different settings of printing pressure.

When printing concentration is adjusted, in case of using the method of [1. Adjust master Making concentration] and [2. Adjust scanning concentration], the setting is valid since scanning of originals, so it can not be changed after master making and proof printing. Confirm shades of printing paper, and then adjust shades or switch adjusting method. After adjustment, please start operation from [Master making] again.

To save ink, please use [Ink saving mode] when printing is lighter. Cheak （Page 73）

During [Online printing] or [USB printing], there will be no impact on printing even if [2. Scanning concentration] is adjusted.

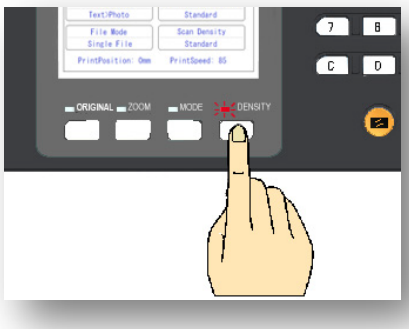
1. Master making concentration adjustment

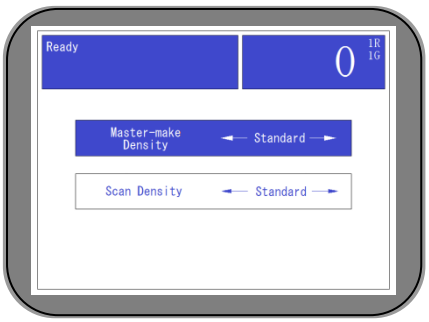


Adjustment of master making concentration starts from original scanning. Please be sure to set before master making.

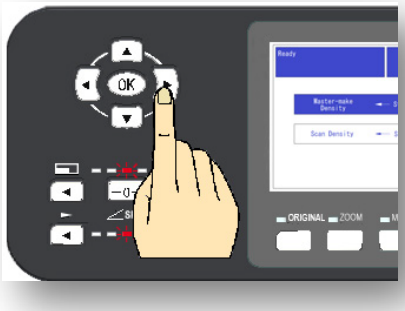
Setting method

i）Press concentration setting key to the screen.



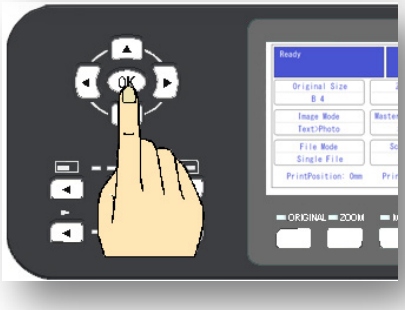


ii）Use cursor move key【◀】【▶】] to select.



- Concentration is selected in 5 classes. [Lightest]
  [Lighter]
  [Standard]
  [Darker]
  [Darkest]

iii）Press the [OK] key to finish the setting.



※ Display screen returns to the basic screen

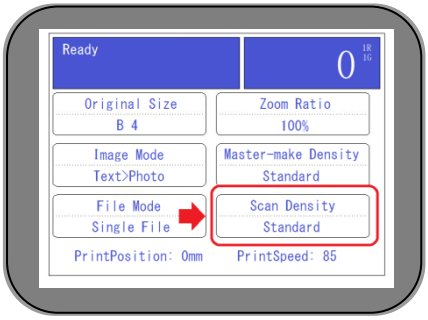
Applicable to the following conditions:

- When temperature is low and printing is light →Adjust dark concentration for master making
- When temperature is high and printing is dark →Adjust light concentration for master making
- When printing is dark and it is easy to jam paper →Adjust light concentration for master making
- When printing on double sides, prevent ink leaking →Adjust light concentration for master making
- When printing paper is adhered back to back →Adjust light concentration for master making
- When saving ink → Adjust light concentration formaster making

When master making concentration is darker, the volume of ink printed on paper is more, and paper is easy to get soft, it is an important reason on why paper arrangement is failed and paper is winded on drum.

When fonts of originals are totally thicker or are photoed, if master making concentration is lighter, the quality of printing product will bebetter.

2. Scanning concentration adjustment

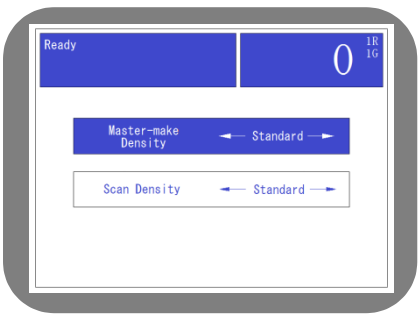


Scanning concentration adjustment starts from original scanning. Please be sure to set before master making.

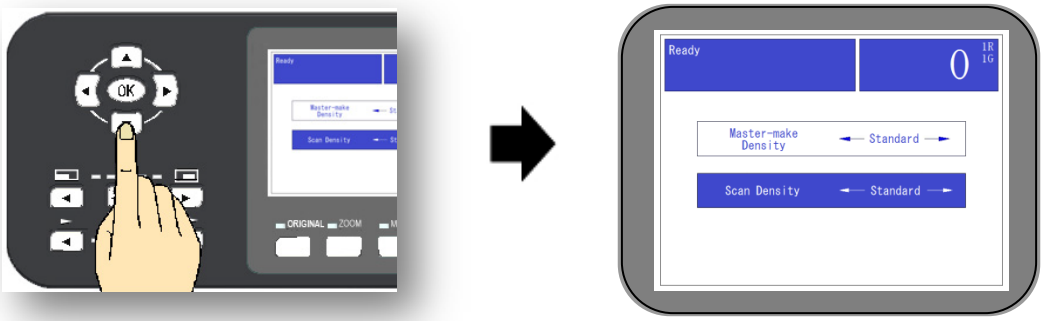
Setting method

i）Press concentration setting key to the screen.





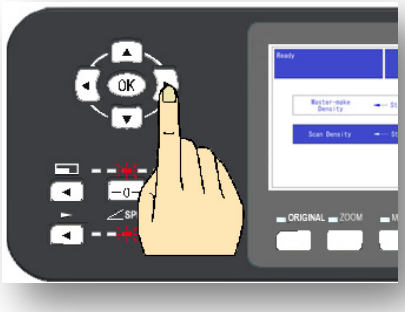
ii) Use [cursor movement key 【▼】] to make a selection.



iii) Use [cursor movement key【◀】【▶】] to select the concentration.

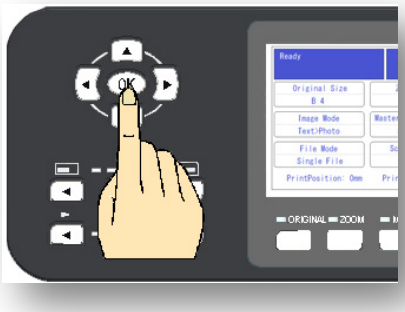
- The concentration selection is divided into 5 levels.

[Lightest]
[Lighter]
[Standard]
[Darker]
[Darkest]



iv) Press the [【OK】key] to complete the setting

※ The display screen returns to the basic screen.



It is suitable for the following situations :

- Original gets lighter integrally → Scanning concentration gets darker
- Part of contents get lighter → Scanning concentration gets darker
- Photos are darker integrally → Scanning concentration gets lighter
- Background colors of originals get darker → Scanning concentration gets lighter

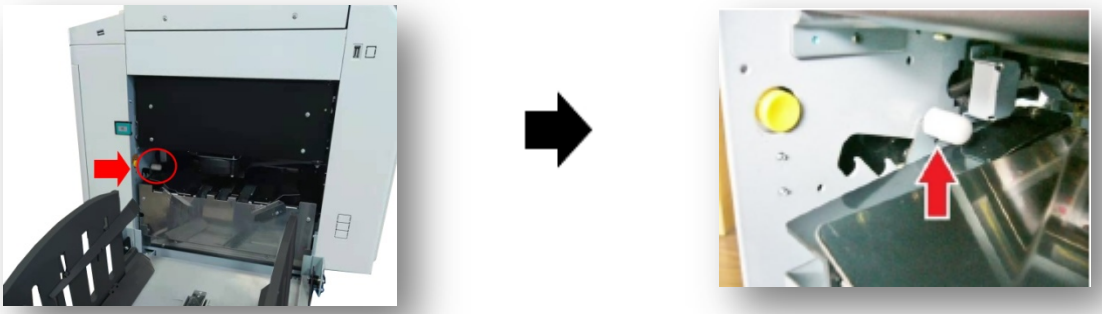
When originals with darker fonts or correction is light, please use [Master making concentration lightening] function. Cheak （Page 52）

3. Printing pressure adjustment

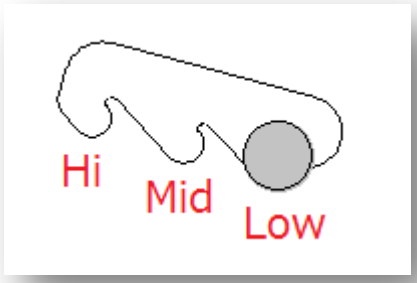
The effect of adjusting printing pressure is the same with that of adjusting master making concentration, which will influence overall printing concentration. Master making concentration adjustment is to determine printing concentration by discharged ink.Printing pressure adjustment is to determine printing concentration according to pressure strength when ink is printed on printing paper.

After adjusting overall printing concentration, when there is dirt on printing paper or ink is discharged less, printing pressure adjustment function is used.

The operation part is on the paper discharge side.



- Printing pressure adjustment is divided into 3 levels each level has the corresponding adjustment of handle placement position.



There are rollers and paper discharge belts near the operation part. and these parts are all rotating in the printing process. Therefore, be sure to operate the handle when the machine is at rest.

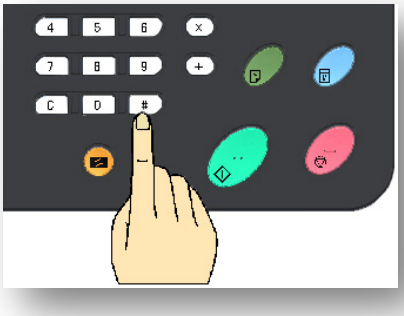
Whether it is to adjust the machine or adjust the printing pressure, please return to the original state after the printing is completed. If the printing is not returned to the original state,it is easy to cause machine failure.

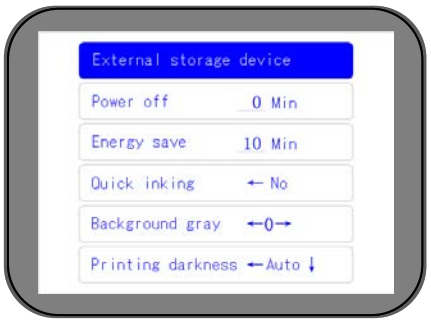
Automatic printing pressure adjustment function (Optional)

In the factory setting state, if the printing speed is adjusted, other setting related to printing density will automatically change.

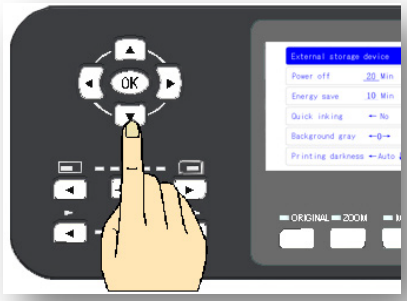
Any setting method

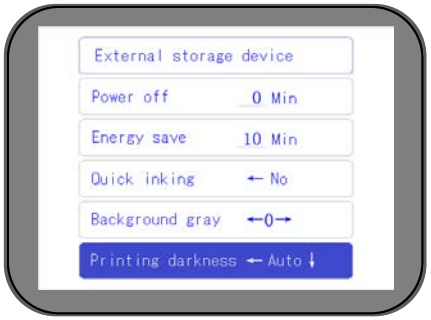
ⅰ）Press the【#】key to display the operation setting screen.





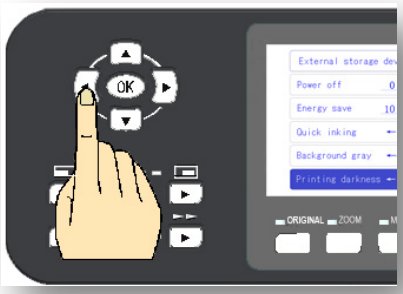
ⅱ）Use the [cursor key [▼] to set the printing concentration.





ⅲ）Use the [cursor move key [◀] [▶] to select the appropriate concentration.

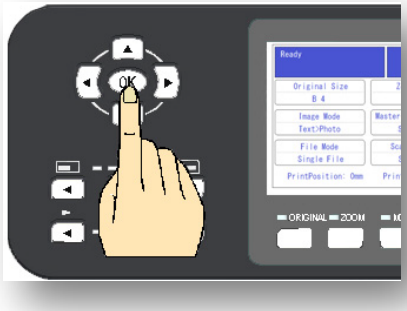
Except automatic setting. any setting is divided into 5 levels.



[1]= weakest is the same as speed 1
[2]= weak is the same as speed 2
[3]= medium is the same as speed 3 (standard)
[4]= strong is the same as speed 4
[5]= the strongest is the same as speed 5
[Automatic]= printing speed linkage（slow= weak ～ fast = strong）

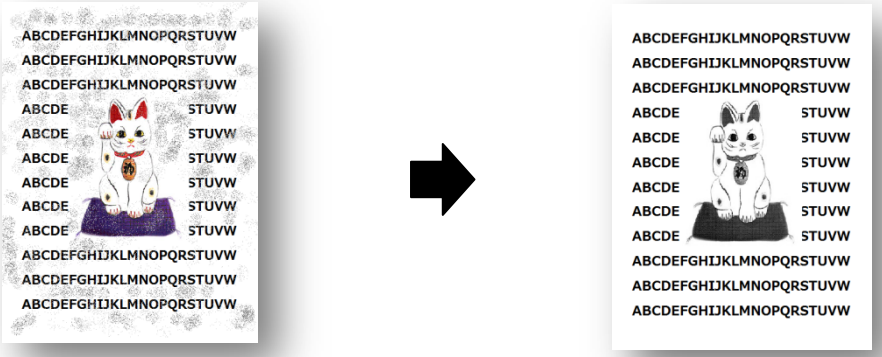
ⅳ）Press the [【OK】key] to complete the setting.

※ The display screen returns to the basic screen.



Original background color removal function

In case of directly making master when originals are older, have dirt and ground color, back ground color of original will be scannedto cause unclear printing paper. Under thiscondition, if [Original back ground color removal function] is used, the influence on original background color will be minimized.

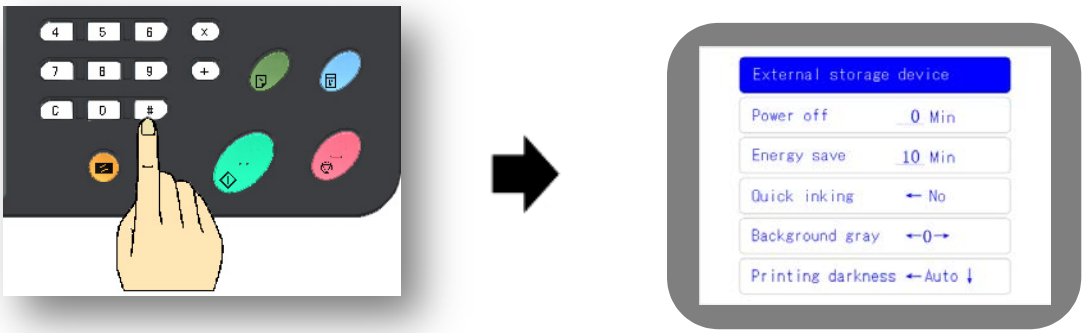


The function may be invalid for special original background color.

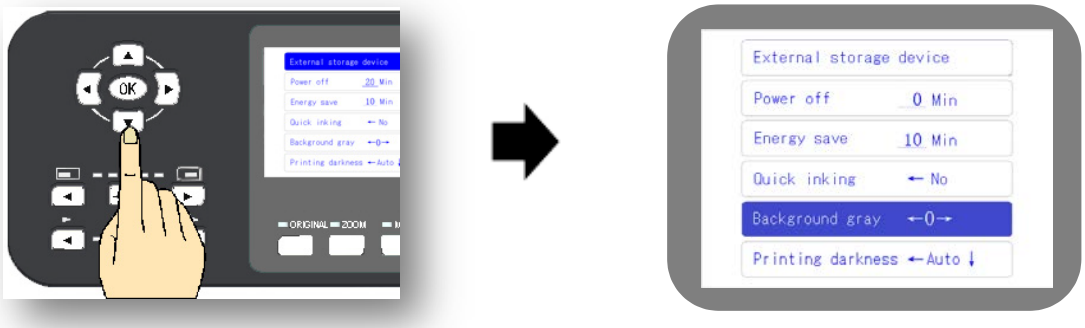
Arbitrary setting method

※ Set before master making.

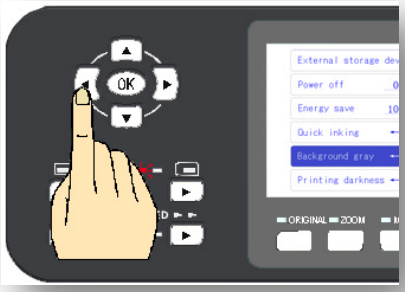
i） Press the [#] key in number key area to enter the operation setting screen.



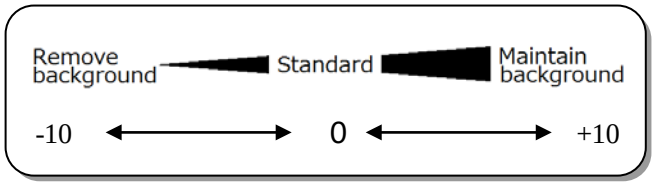
ii） Use [cursor movement key【▼】]and select (remove bottom ash setting)item.



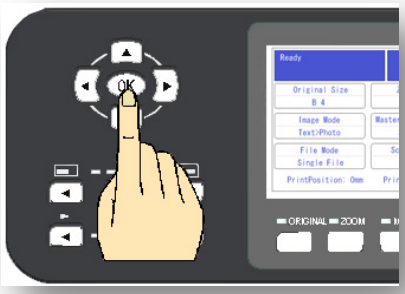
iii）Use [cursor movement key【◀】【▶】] to set the level.



The setting range is from [-10] to [+10], the standard is [0]。



iv）Press the [【OK】]key to complete the setting.



※ The display screen returns to the basic screen.

After the setting is completed, even if the power supply is cutoff or the reset key is pressed,the bottom ash level will not return to the standard (0).

Depending on the type and conditions of the original,it may have a certain impact on the printing quality.

It is more convenient to use this method in the following situation！

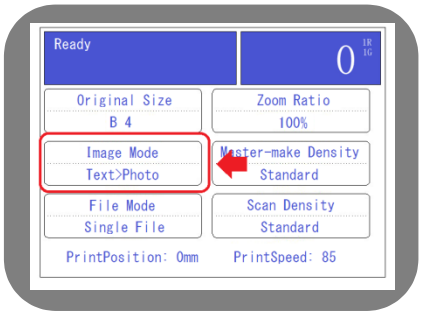
This function can be used when the original has photos or the original has gray tones, and it is impossible to emphasize the tone or eliminate the tone.

ⅰ） When you want to adjust the tone or the overall density of the photo→adjust the level of bottom ash removal to the (+) direction.

ⅱ）When you want to tone down or tone down the concentration→adjust the level of bottom ash removal to (-) direction.

Select mode conforming to originals

Setting before master making



Select the appropriate [Image mode] according to the type of original.

There are 7 and 5 original setting modes, each with its own characteristics.The factory setting is [Text＞Photo] mode.

［ Text］All models

- Text-only mode, the overall effect is strong. When there are photos or color patterns in the original, the printing quality will be darker.

［Photo ］All models

- Photo- only mode, the overall printing effect is weak. This mode emphasizes the tone of photos and color printing.

［ Photo＞text］JR-5360S

- The original contains words and pictures(color printing), and pays attention to the printing quality of photos(color printing).

［ paper］All models

- Choose this mode when the bottom ash of the original is heavy, such as newspaper. The printing effect of lines and characters is thin.

［ Text＞Photo ］All models

- The original contains words and photos (color printing）. and pays attention to the printing quality of words.

［ Screen ］JR-5360S

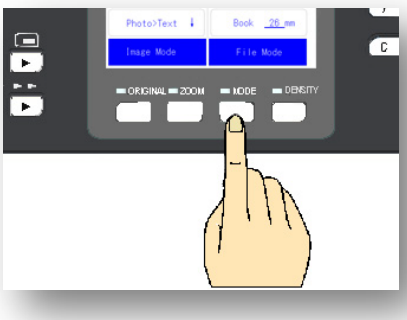
- Using dot screen to process the photos original can make the printing effect clearer and more stereoscopic.

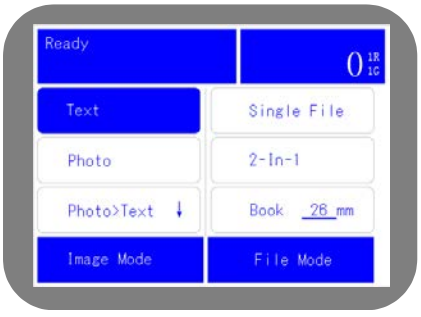
［ Pencil ］All models

- Use this mode for the original written with pencil or the original written lightly. The overall printing effect is darker and thicker than the original.

Setting method

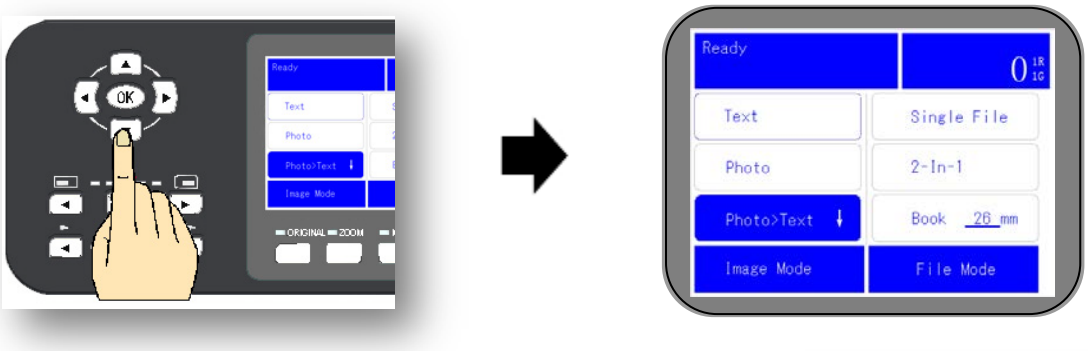
i）Press the 【Image selection】key.





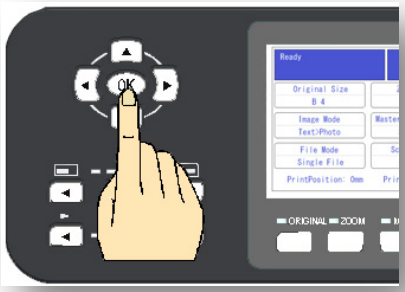
※ the above picture shows JR-5360S

ii) Select the corresponding original mode by using [cursor movement key【▼】【▲】]



iii) Press the [【OK】]key to complete the setting.

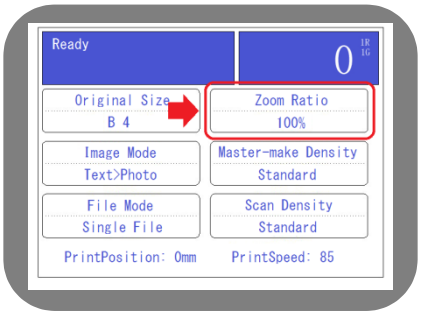
※ The display screen returns to the basic screen.



After setting ,the machine will not return to [Text ＞ Image] mode even if the power is cut off or the reset key is pressed.

Zooming of originals

Set before starting master making.



Print after enlarging/ reducing the original. When there is no blank on the edge of the original ,please use the [94%]reduction function to print after leaving a certain blank.

On original (page 17)
On page margin (page 19)

The original scaling can be divided into [common magnification scaling] and [stepless scaling].
Stepless scaling takes 1% increments and fine-tunes the copy ratio within The range of 50% to 200% .

Common magnification scaling

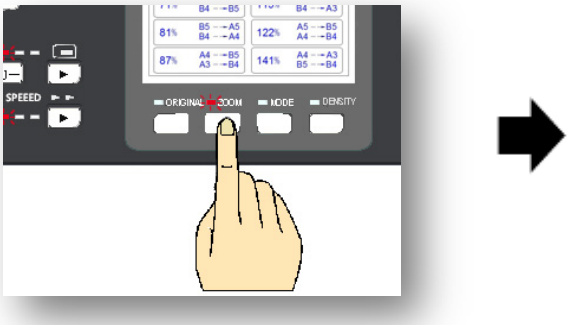
Margins information when the original with fixed size (B4, A4, etc.) is scaled to the original with other sizes.

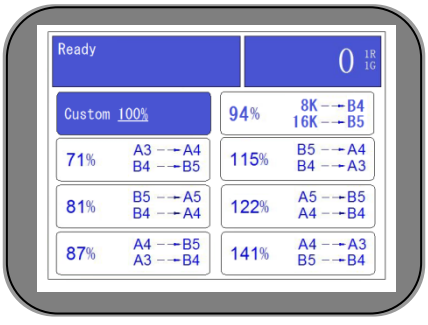
Reduction			Enlargement		
Ratio	Original size	Paper size	Ratio	Original size	Paper size
94%	8K → 16K →	B4 B5	115%	B4 → B5 → B6 →	A3 A4 A5
	Page margin				
87%	A3 → A4 → A5 →	B4 B5 B6			
81%	B4 → B5 → B6 →	A4 A5 A6	122%	A4 → A5 → A6 →	B4 B5 B6
71%	A3 → B4 → A4 → B5 → A5 →	A4 B5 A5 B6 A6	141%	A4 → B5 → A5 → B6 → A6 →	A3 B4 A4 B5 A5

※ [8k] [16k] is a special paper size in Asia.

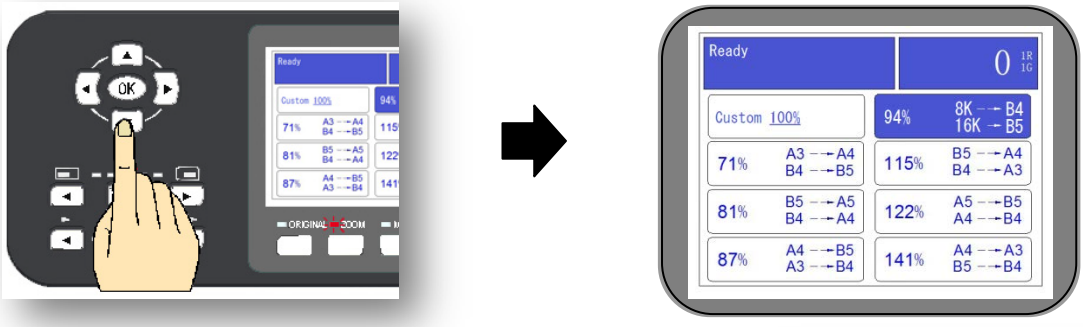
Setting method

i） Press the【 Enlarge and Reduce Selection 】button.

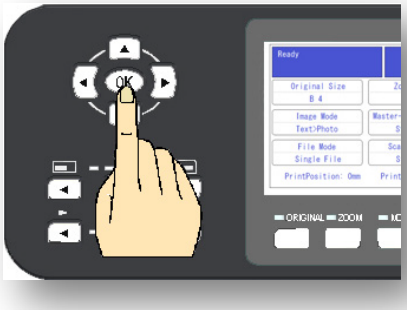




ii） Select the zoom mode by using [cursor movement key 【▼】【▲】.



iii） Press the [【OK】] key to complete the setting.



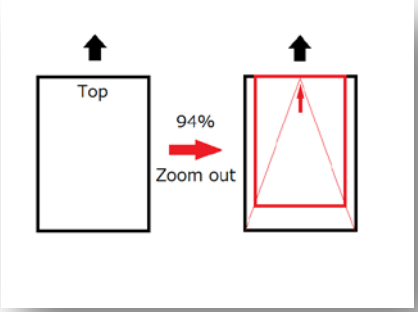
※ Return to the basic display screen.

※ The set zoom ratio is displayed on the display screen.

When setting page margin (94%)

When reducing the manuscript, the center of the front end of the paper is taken as the benchmark,and all the printers move closer to the front end. Even if the manuscript is reduced by 94% in order to leave margins, the front margin will not change, and the left and right margins will becomelarger.

Considering the margin problem, move the printing position backwards before starting plate making,so that the printing job can proceed smoothly.

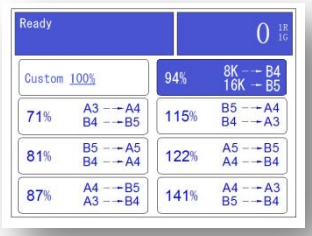


operating process

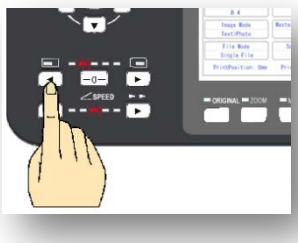
i) Place the original (Page 37 ）



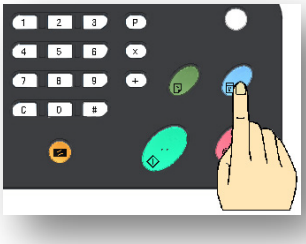
ii) Select the reduction ratio (page 61)



iii) The printing position moves backward (page 48)



iv) Start plate making (page 40)

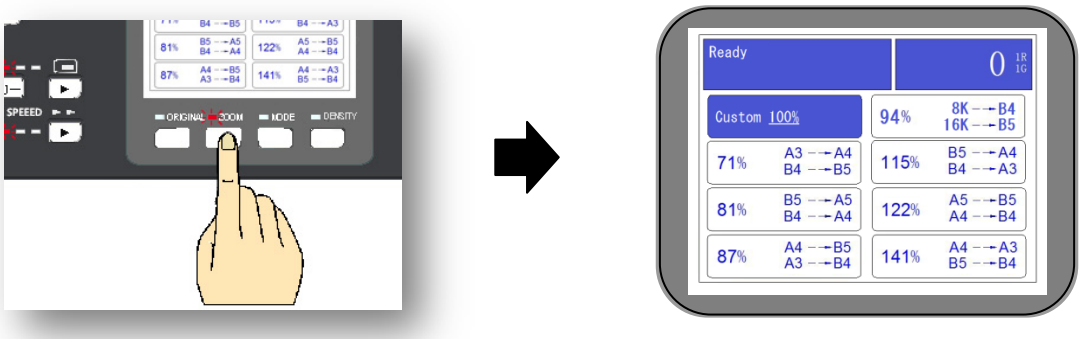


Stepless zoom function

1% is an increment, and the replication ratio is fine-tuned within the range of 50% to 200%.

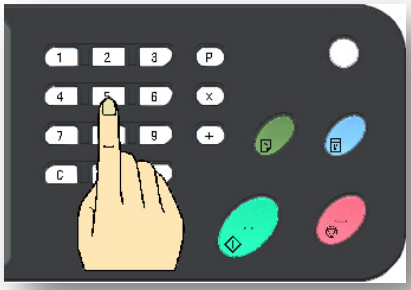
Setting method

ⅰ) Press the 【 Enlarge and Decrease 】selection button.



ⅱ) Select [Custom] and confirm, and use the number keys to enter the value.

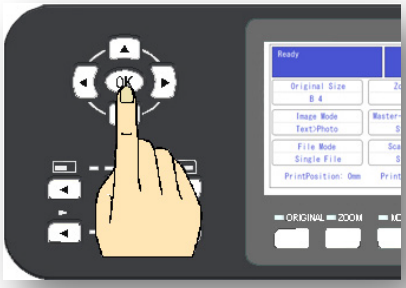
Example) When you enter 50% reduction, use the number keys to enter [5] [0].



ⅲ) Press the [【OK】] key to complete the setting.

※ Return to the basic display screen.

※ The set zoom ratio is displayed on the display screen



.

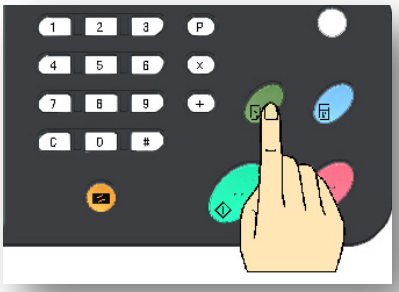
When using the shrink function, the printed content will move to the front end of the paper as a whole. Please adjust the printing position when there is less blank at the front end. Cheak (Page 48)

Whether using common magnification or stepless zoom, be sure to place the original before setting it. If you set it first, the ratio will be reset.Return to standard [100%] mode.

If the [Reset] key is pressed, the ratio will return to the standard [100%] mode.

Proof printing number

When plate making and printing are started, there will be a trial printing link after plate making. After the trial printing, the machine will stop running. At this time, confirm the printing position and printing quality. Press the trial printing key several times according to the actual situation, and the machine will complete the corresponding number of trial prints.

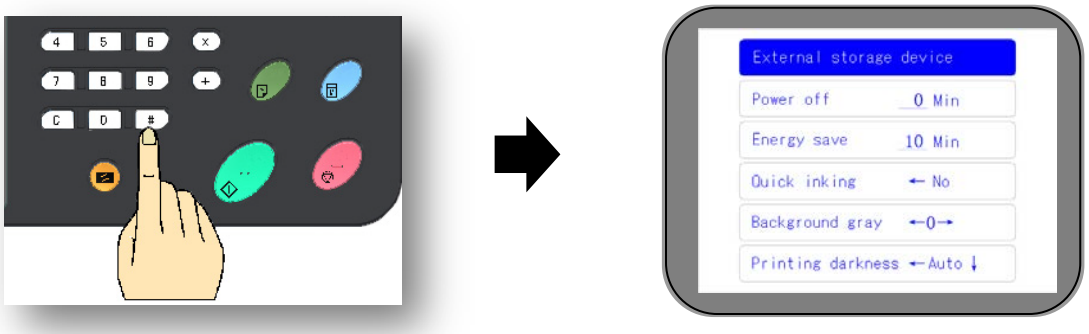


The number of sheets for trial printing after plate making and press the trial printing key can be set arbitrarily between 1 and 9. (Factory setting is 1 sheet)

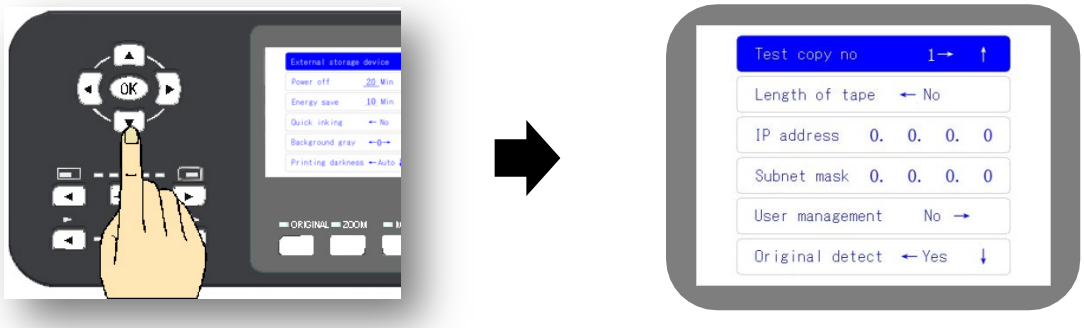
If the number of printed sheets has been entered before plate making, the machine will omit the trial printing link at this time and print directly after plate making is completed.

Setting method

ⅰ) Press the [#] key in the number keys to enter the operation setting screen.



ⅱ) Use [Move cursor to 【▼】 key] to select (trial printing settings). (two pages in total)

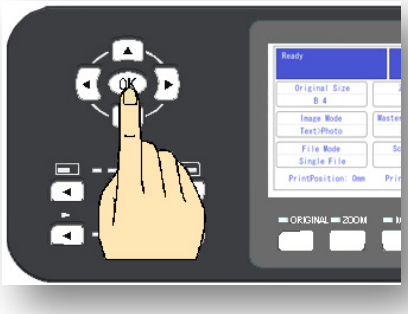


iii) Set the number of sheets by using [cursor movement key【◀】【▶】].



- 1~9 can be set arbitrarily.

iv) Press the [【OK】] key to complete the setting.



※ Return to the basic display screen.

After setting, even if the power supply of the machine is cut off or the reset key is pressed, the number of trial prints will not return to the standard setting (1 sheet).

During the process of plate making ~ trial printing, if the paper roll is on the drum, the display screen will show [Medium Paper Jam]. Please confirm the margin/printing position/printing density after clearing the paper jam,and make adjustments according to the actual situation.



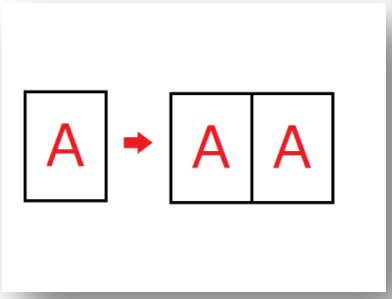
Cheak
On original (page 17)
On page margin (page 19)
Adjust printing position (page 48)
Adjust printing concentration（Page 52）
Zoom originals (page 61)
Information display (page 131/135)

Special printing function

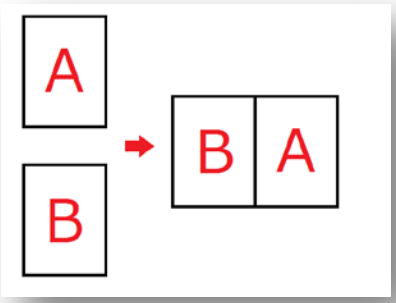
Two-in-one master making function

Use this function when printing two identical documents or two different documents on a piece of paper.

Different types of manuscripts have different operation methods.



・ 1 original



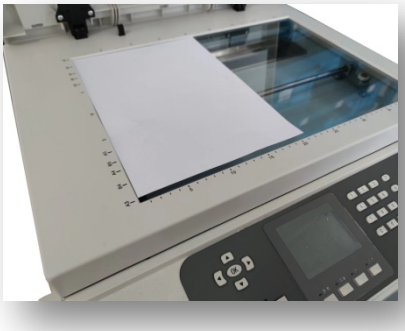
・2 originals

Setting method

JR-5360S

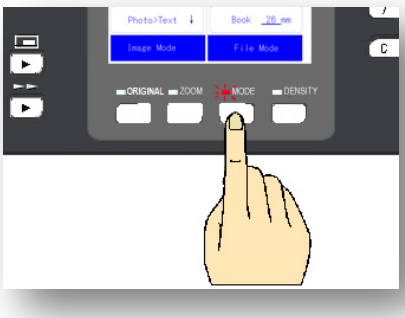
ⅰ) Place the original on the original scanning table.

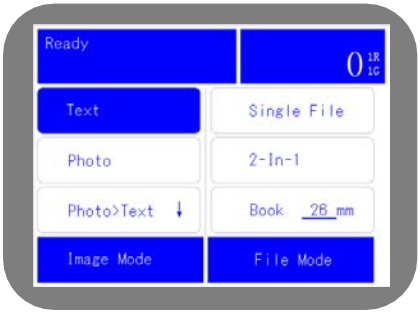
The setting direction of paper is different from the general setting direction.
(The long side of the manuscript is placed at the left end, as shown on the right)



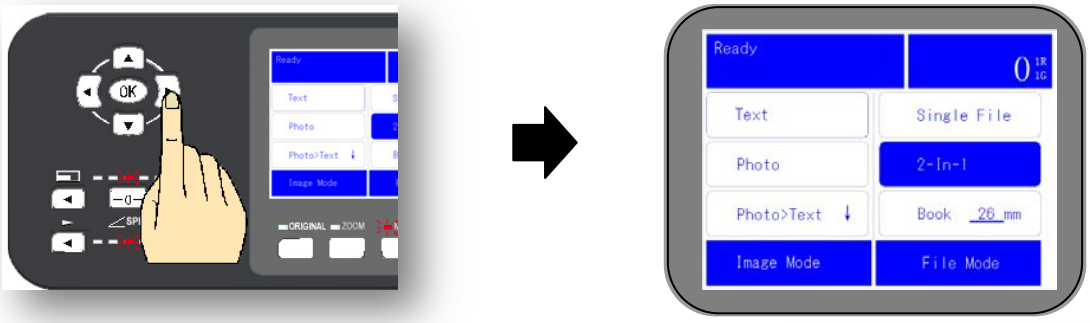
ⅱ) Select the two-in-one mode.

a) Press the [Original Selection] button.



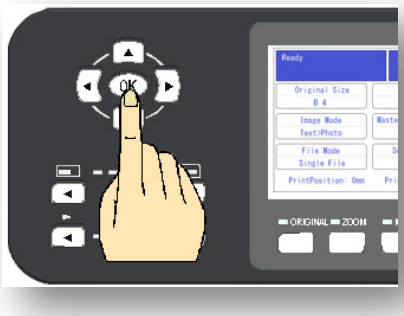


b) Select the 2-in-1 option with [cursor movement key [【▶】【▼】]].



c) Press the [【OK】] key to complete the setting.

※ Return to the basic display screen



iii) Flexible use of the functions of [Original Zoom] and [Original Mode] according to the actual situation.

In general, when the size of the original is half that of the printed paper, the ratio of 100% of the original is used,and the original reduction function is used when the large-size original is used,but the maximum size of the original should not exceed A4.

The factory setting of the machine has the function of automatic document identification. If the document size used is [A4][B5][A5],
the machine can automatically detect the document size.

When the original used is [A6], please use the manual original size selection function to select [Postcard]. Due to some differences in size, it is printed The brush position may be deviated.

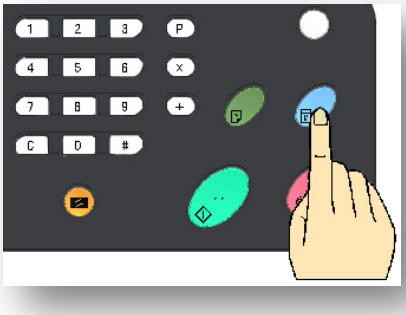
Cheak Manual manuscript size selection (page 28)

※ Scaling ratio when using 2-in-1 function (any ratio can be set in red letters).

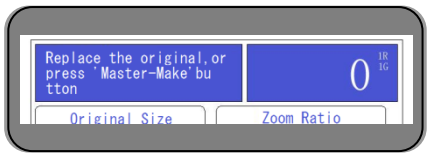
		Size of printing paper			
		B4	A4	B5	A5
Original size	A4	87%	71%	**61%**	**50%**
	B5	100%	81%	71%	**57%**
	A5	122%	100%	87%	71%
	Postcard（A6）	**173%**	141%	122%	100%

iv) Press the [Plate Making Start] key.

・Start scanning the first one.



v) After the first manuscript is scanned, the prompt sounds and the displayed information will change.



Place the second original at this time.

Even if the same original is used, the scanning cover should be opened to place the original.

vi) Close the scanning cover, and the machine will start scanning the second manuscript, and then start trial printing after scanning.



If you press the plate making key directly without opening the scanning cover after scanning the first manuscript, the printing position of the second manuscript will be blank. This method can be used for plate making when printing on one side.

The original mode and zoom settings made before scanning the first sheet cannot be changed when scanning the second sheet.

Operation method JR-2370S / 2361S

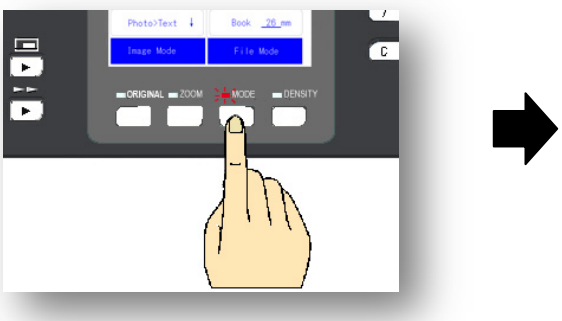
i) Place the original on the original scanning table.

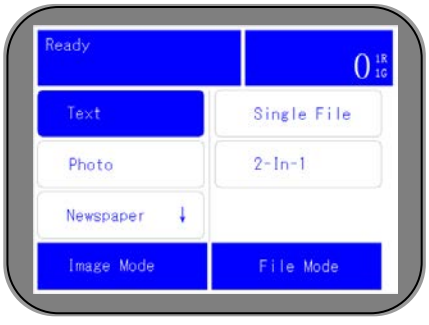


The paper feeding direction is opposite to the general setting direction. (Put the long edge of the original into the paper feed port)

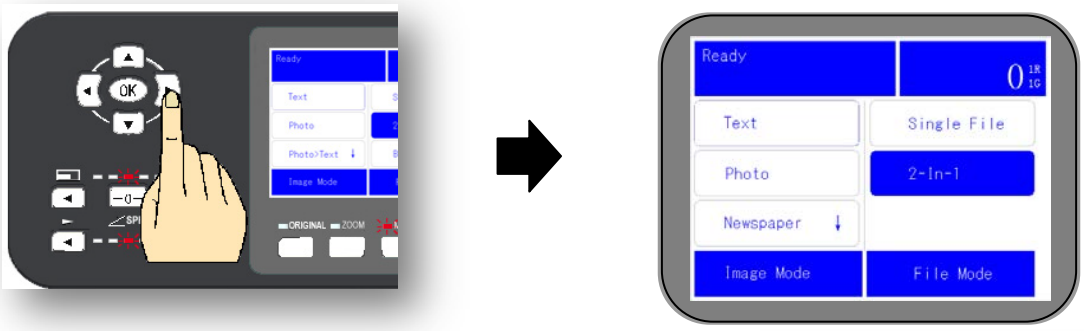
ii) Select the 2-in-1 plate making option.

a) Press the [Original Selection] button.



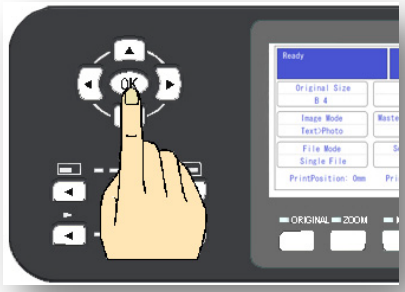


b) Use [cursor movement key【▶】【▼】] to select the two-in-one option.



c) Press the [【OK】] key to complete the setting.

※ Return to the basic display screen.



iii) Flexible use of the functions of [Original Zoom] and [Original Mode] according to the actual situation.

In general, when the size of the original is half that of the printed paper, the ratio of 100% of the original Is used, and the original reduction function is used when the large-size original is used, but the maximum size of the original should not exceed A4.

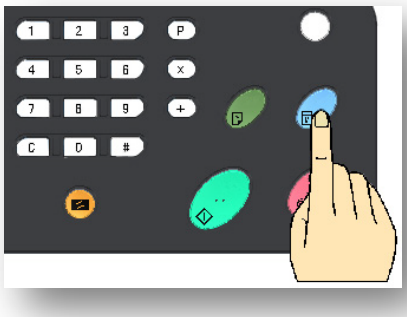
When the original used is [A6], please use the manual original size selection function to select [Postcard]. Due to some differences in size, the printing position may be biased.

Cheak Manual manuscript size selection (page 28)

※ Scaling ratio when using 2-in-1 function (any ratio can be set in red letters).

		Size of printing paper			
		B4	A4	B5	A5
Original size	A4	87%	71%	**61%**	**50%**
	B5	100%	81%	71%	**57%**
	A5	122%	100%	87%	71%
	Postcard（A6）	**173%**	141%	122%	100%

iv) Press the [Plate Making Start] button.



- After the first original is scanned, the original is discharged from the left side.

v) When the display information changes, put in the second manuscript.The machine will automatically perform scanning and trial printing.



If the same manuscript is scanned twice, it can be printed in two.

The paper feeding device of this machine cannot transport multiple originals. When using the 2-in-1 function,whether it is the same original or different originals, please put the originals into the paper feed section one by one.

When using the 2-in-1 function to print only on one side, please put a piece of white paper in the paper feeding department for scanning after the first scanning is completed.

The original mode and zoom settings made before scanning the first sheet cannot be changed when scanning the second sheet.

Book making

JR-5360S special function



Put books, newspapers and periodicals directly on the original scanning table for printing. Because the hinge part floats, there will be a band shadow in the middle. This function can automatically eliminate banded shadows.

Operation method

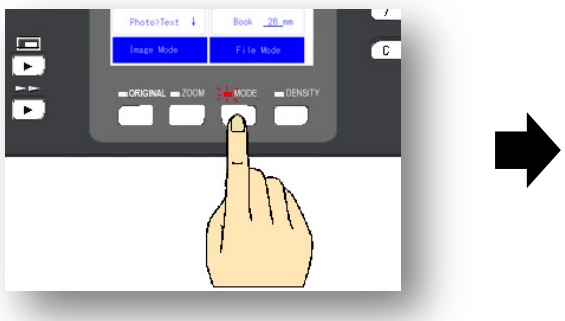
i) Open the book (newspaper), turn to the page to be printed, put it on the scanning table, and gently cover the scanning cover.

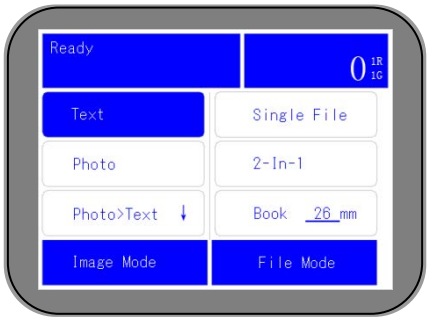
The size range of books, newspapers and periodicals is B6~A4 to ensure that the cover can be closed normally.

The original scanning table is made of glass, with a maximum bearing capacity of 10kg. Don't place objects forcibly and avoid falling onto the scanning table, so as not to break the glass. Do not press the scanning cover hard.

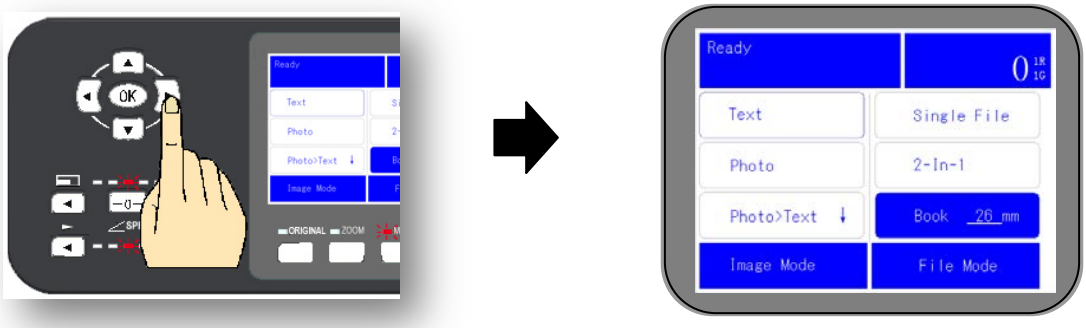
Cheak Notice (page 7) On original (page 17), it is forbidden to copy and print (page 21)

ii) Press the [Original Selection] button.

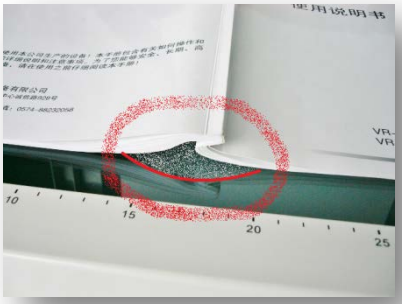




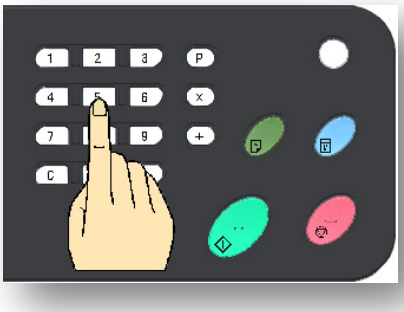
iii) Use [cursor movement key【▶】【▼】] to select the book mode.



The number displayed at this time (in the example, the number is 26mm) is input to prevent the shadow of the floating part of the book and newspaper hinge from being printed as a black line, so as to achieve the tone.
The role of shadow width in books and periodicals.
(The standard setting is 26mm)



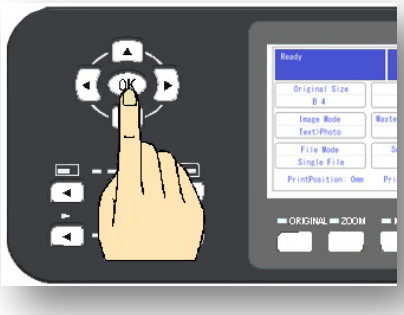
iv) Use the number keys to enter the size of the shadow to be removed.



Set it arbitrarily between 6mm and 70 mm

v) Press the [【OK】] key to complete the setting.

※ Return to the basic display screen.

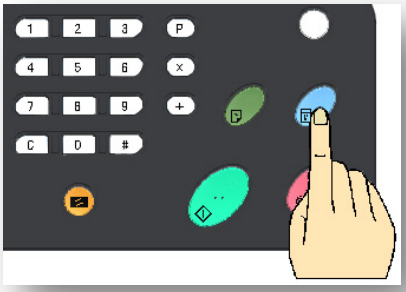


Like the 2-in-1 function, the machine can automatically identify the general specifications (A4, B5, etc.) when making books and periodicals. Please manually select the corresponding size for the specifications that cannot be identified.

If the shadow size is not set properly, the printing may be erased.

Because the manuscript is a three-dimensional object, there will be shadows around the manuscript, which is also part of the reason for the paper jam.

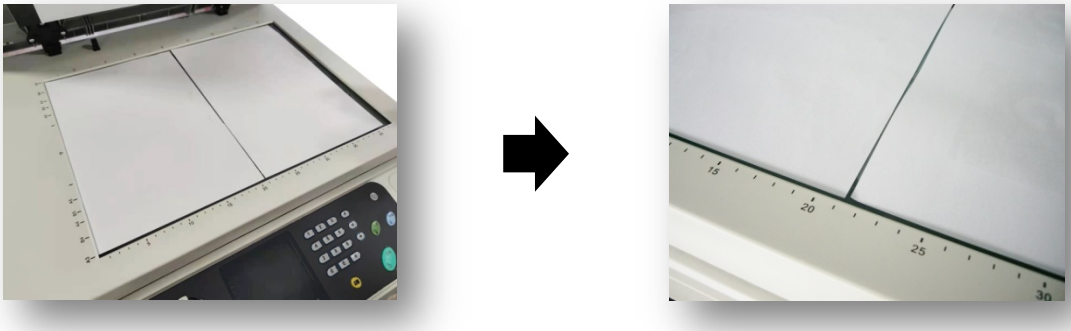
vi) Press the [Master Making Start Key].



In order to avoid the original (books, newspapers and periodicals) floating, please press the original gently.

The method will be used easier in the following conditions

When two originals of the same size are placed on the scanning table for scanning and printing, there will be a shadow of the boundary line between the two originals. In this case, you can use the book mode to eliminate the shadow line.



Operation method is the same with master making method of books.

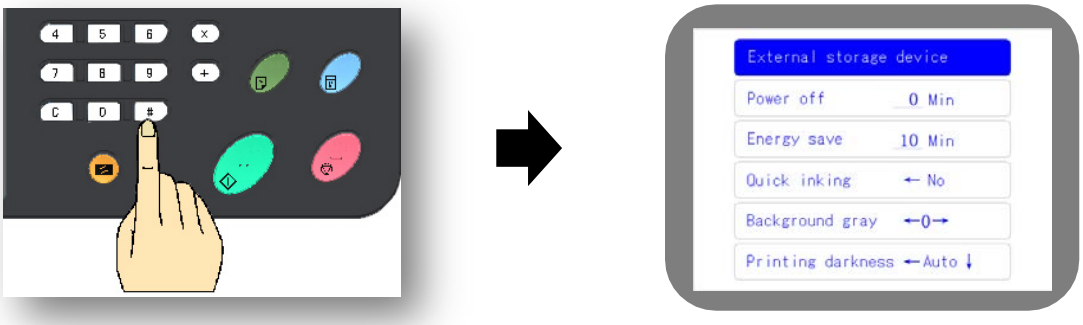
After the machine is powered off or set button is pressed down, return to standard setting (One original).

Ink saving mode

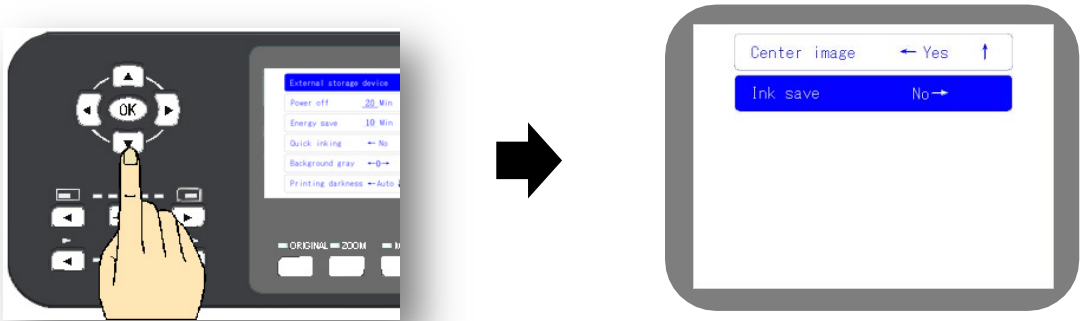
This mode can save ink consumption. When this mode is turned on, the standard setting is OFF.

Operation method

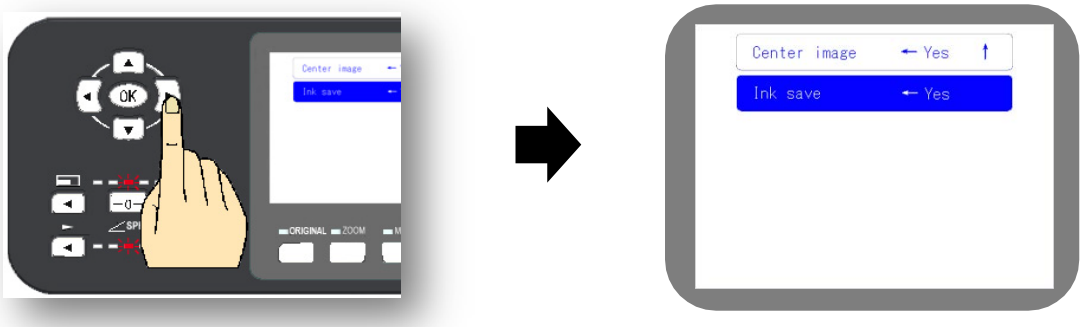
i) Press the [#] key in the number key area to enter the operation setting screen.



ii) Use [Cursor movement key【▼】] to move to ink saving item. (3 pages in total)

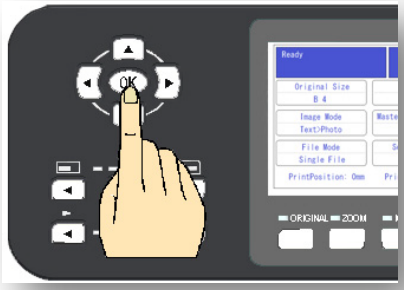


iii) Use [Cursor movement key【 ▶ 】] to select ink saving setting.



ⅳ) Press the [【OK】] key to complete the setting.

※ Return to the basic display screen.



In the setting, there may be parts rotating sound inside the machine, which is normal.

After this setting is completed, even if the power supply is cut OFF or the reset key is pressed, this setting will not return to the standard setting (OFF).

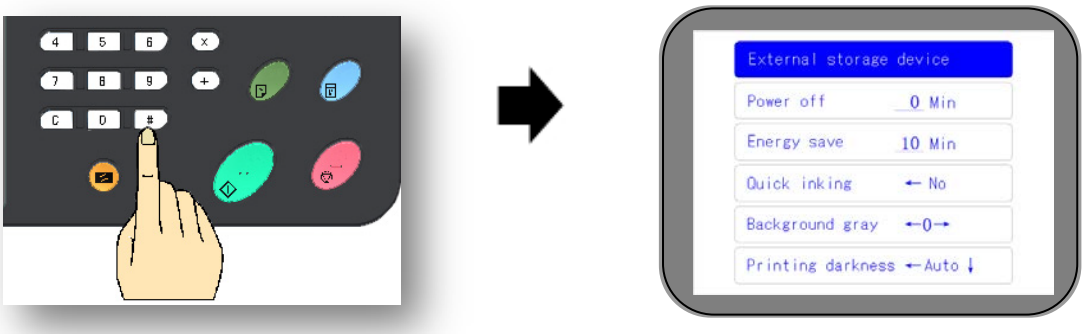
This setting controls the amount of ink by reducing the plate-making density. Therefore, it will slightly affect the printing quality.

Quick ink outlet function

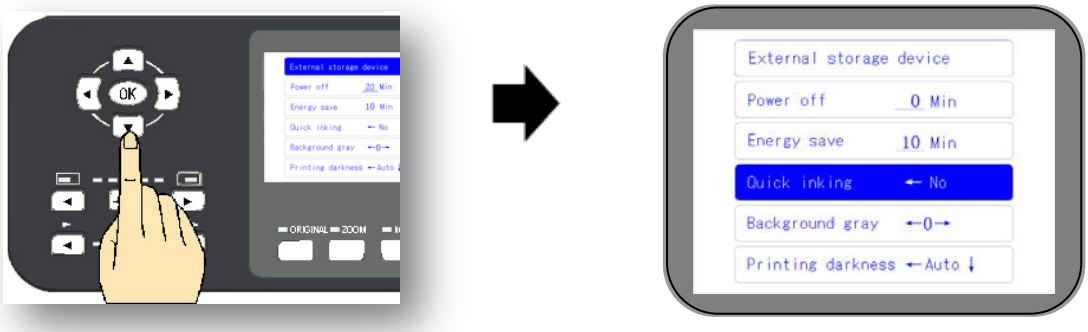
Forcibly stick the stencil paper that has been plate-made to the drum, which is clearer than the trial printing after plate-making. The standard setting is OFF.

Operation method

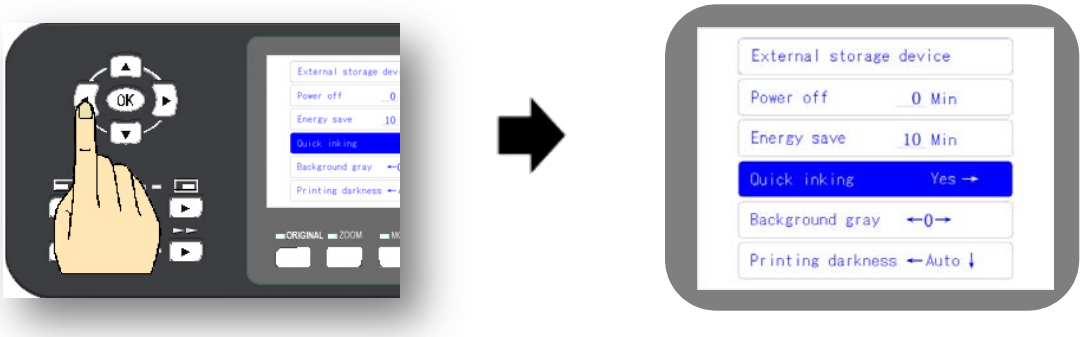
ⅰ) Press the [#] key to enter the operation setting screen.



ⅱ) Use [cursor to key【▼】] to move and select the fast ink-out item. (1 page in total)

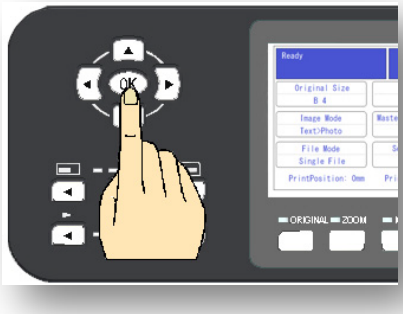


iii) Use the [cursor movement button【◀】] to select the setting of quick ink delivery.



iv) Press the [【OK】] key to complete the setting.

※ Return to the basic display screen.



After the setting is completed, the paper feeding department will slowly feed a piece of printing paper, which has nothing to do with the actual number of trial prints and will not be counted.

After this setting is completed, even if the power supply is cut off or the reset key is pressed, this setting will not return to the standard setting [OFF].

Replacement of consumables Treatment method of waste box

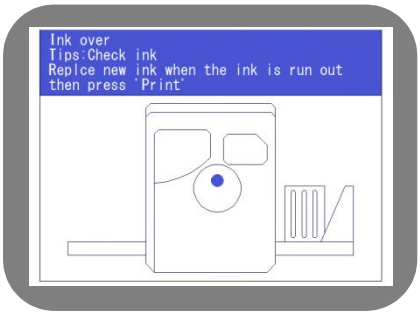
- Change ink 77
- Change master paper 80
- Waste master paper treatment method 84

Treatment method of drum

- Method of taking out and mounting drum 86

Change ink

When the ink runs out, the ink runs out on the display screen and the machine stops running.



Ink change method

i) Open the front door.



Please open the front cover after the machine stops running.

ii) Pull down the ink rack switch, and the ink mounting bracket will tilt towards the body.



Due to the tight installation of the ink cartridge, it takes a little effort.

iii) Take out the empty ink cartridge.



iv) Unscrew the cover of the new ink cartridge.



Avoid ink spilling and soiling clothes.

v) Install the new ink cartridge into the ink mounting bracket.



Clip the mounting slot of the ink cartridge into the corresponding position of the mounting bracket.



vi) Gently close the mounting bracket and lock it.

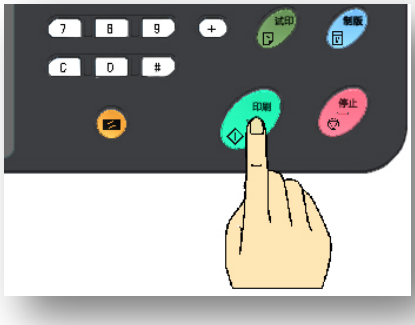


There will be a click when locking.

vii) Close the front door.



viii) Press the [Print] key.



Notice of changing ink

Do not leave the ink for opening the cover for too long. If air enters the ink cartridge, the ink will not be sucked in. There is still ink in the ink cartridge, but the display screen prompts you to gently press the ink bag from the mouth of the ink cartridge when the ink is used up.





When replacing ink, please stop using it if you find any abnormality (scratch/damage/oil leakage) in the ink.

Using ink tha does not match this machine will cause machine failure and bad action.

Please don't keep the ink in an extremely high temperature/low temperature/direct sunlight environment to avoid ink deterioration.

Please pay attention to the service life of ink. The use of expired ink is likely to cause problems such as machine failure and unclear printing. The production date of ink is recorded on the ink cartridge.

Please read carefully the notes about ink and ink cartridge.

On ink supply



When the machine stops running, it will progress in the state of trial printing, printing and trial printing after plate making.line ink supply action. At this time, the paper feeding is temporarily suspended, and the ink is supplied while the drum rotates.

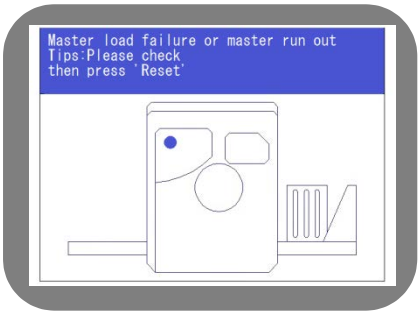
At this time, the information on the right will be displayed. It will take up to 90 seconds, please be patient.

When ink is supplied

Start printing when finished. When the ink runs out, the machine will stop running and the display will show [Change ink] prompt.

Change master paper

When the master installed on the machine is used up, the display screen will display the prompt message on the right.



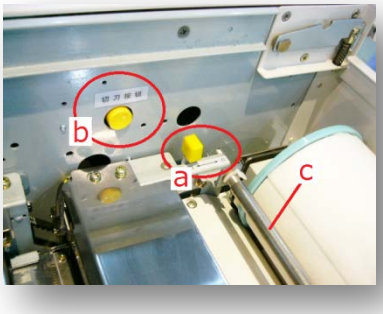
Name of parts used in the process of changing master Cheak (page 27)



A: thermal head release lever

B: cutter button

C: supporting shaft



※ The front end of master installation part is operation part. .

Master paper changing method

ⅰ) Open the original scanning table/scanning table cover.

JR–5360S



JR–2370S/2361S

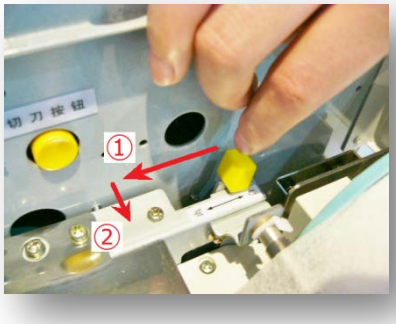


①. Pull down the switch handle

②. push and open the scanning table cover.

Cheak (page 22)

ⅱ) Push the thermal head release lever to the [off] position.



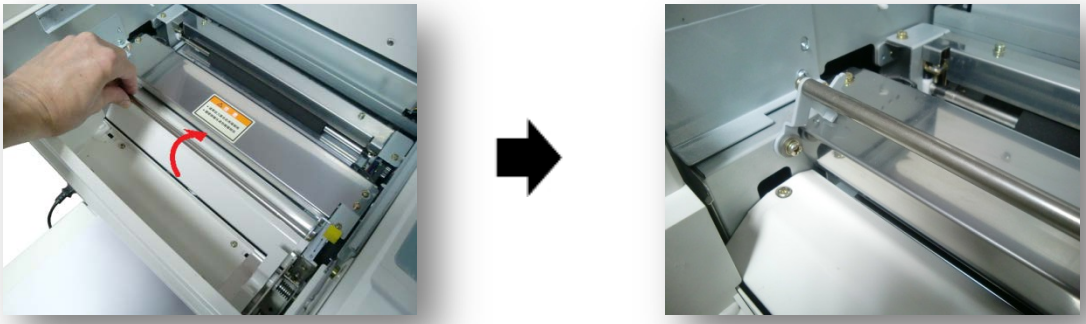
- ① Push forward ② Lock to the left.
- It needs a little strength because it is pulled by the spring.

iii) Take out the used master.

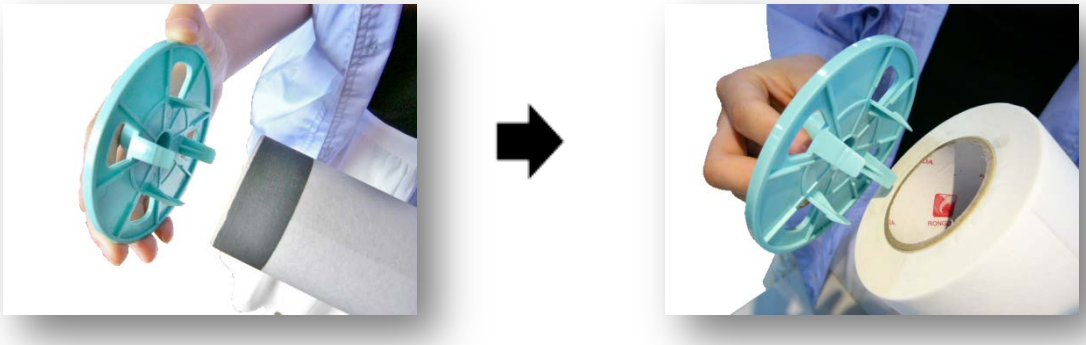


・ Roll back the master in the direction of the arrow and take it out.

iv) Pull up the crease-resistant long axis of master.

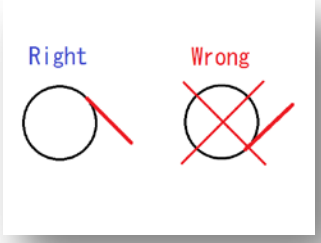


v) Remove the left and right master tube brackets on the master roll core and install them on the new master core.



・There is no difference between left and right brackets.

vi) Please pay attention to the orientation of master when placing it. (Smooth side down)





vii) While putting master into the master insertion opening, keep pressing the cutter button.

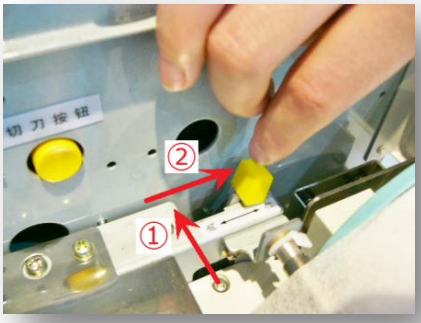


Tips



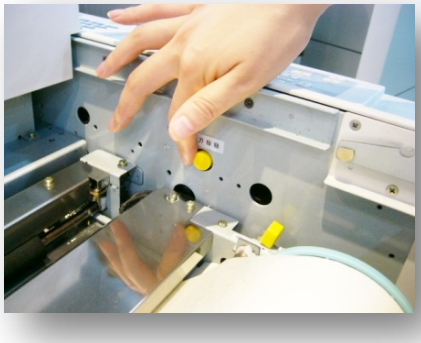
- The master head is conveyed forward. When the master advances about 10cm, the finger leaves cutter button.
- At this point, don't wrinkle the master.

viii) Push the thermal head release lever to the [off] position.



- ① Push forward ② Lock to the left.
- Due to the traction of the spring, it needs a little strength.

ix) Short press the cutter button.



- The cutter slides to cut off excess master.
  You can hear the sound of the cutter sliding back and forth.

Note_(danger)



- Do not insert your hand into the area indicated by the red line in the right picture at this time. The cutter cuts extra master here.

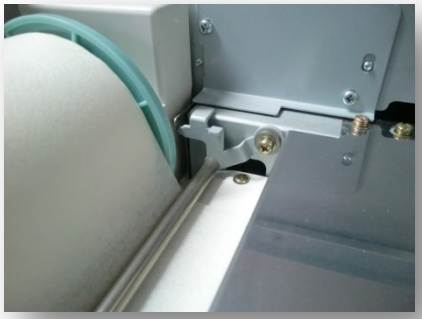
x)Take out the extra master after the cutter stopping sliding.



Make sure that the sliding sound disappears before taking out the master.

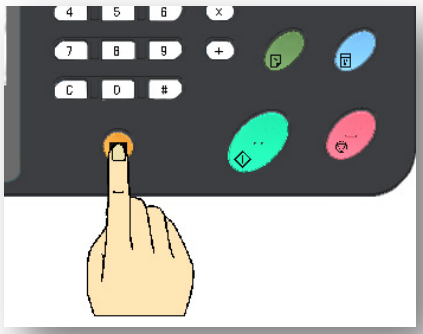
xi) put down the master crease-resistant long axis.





xii) Close the original scanning table/scanning table cover and press the [Reset] key.





Notices of changing master paper

Master is made of very thin material and is greatly influenced by humidity. Care should be taken to avoid being placed in an environment with extremely high humidity and low humidity.

Using master that does not conform to this machine will cause machine failure and bad action.

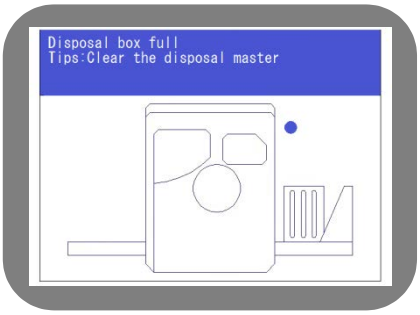
Please pay attention to the service life of ink. The use of expired ink is likely to cause problems such as machine failure and unclear printing. Before purchasing master, please pay attention to inventory situation.

When there is still master installed on the machine, but the display screen shows the message [Replace master], take out the master and reinstall it. If it doesn't work, please replace it with a new master.

Cheak Master paper changing information (page 80)

Waste master paper treatment method

When the new master is used for master making, the old version will be automatically discharged into the waste paper box. When waste paper box is full, a prompt message will be displayed. Please throw away the old master in the waste paper box.



Treatment method

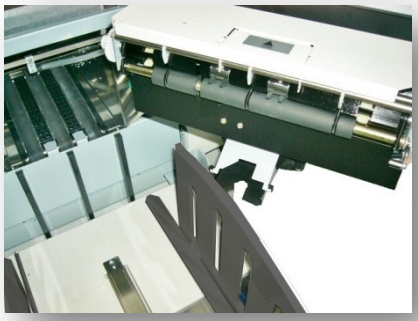
i) Press the wastepaper box switch to open the wastepaper box.



Please do this when the machine stops running.

Cheak Parts and functions of each part of the machine (page 25)

ii) Completely open the waste paper box.



The paper guide plate can be temporarily folded when it is in the way.

Cheak Parts and functions of each part of the machine (page 25)

iii) Press the wastepaper box switch, and the upper cover of wastepaper box will open.



iv) Take out the paper core wrapped with waste master.



Don't touch master to avoid ink sticking to your hands.

v) Pinch the core with one hand and throw away the master.



The winding core is slightly inclined downward, so it is easy to remove the waste master.

The core needs to be recycled, please don't throw it away.

vi) Put the core back into the waste paper box.



vii) Press the upper cover, and when it is locked, there will be a [beep] sound.



viii) Close the cover, and there will be a [click] sound when locking it.



Please throw away the old version when you open the upper cover of the waste paper box for whatever reason, regardless of whether the waste paper box is full or not.

There is ink on the old version. Put the old version in a plastic bag or wrap it in paper before discarding it, so as not to stain the surrounding articles.

Pull-out and installation method of drum

It is necessary to pull out the drum for operation when clearing the paper jam inside the machine and cleaning the inside.



Before pulling the drum out of the machine, please make sure that the place where the drum is placed is flat, if the drum is placed in scraggy, it is easy to cause the drum to break. Damage or other accidents.

There is ink on the drum. Please pay attention when pulling out the drum to avoid ink sticking to your hands and clothes.

Do this with power on.

i) Open the front door.



・After opening the front door, the drum will rotate, and then operate after the rotation stops.
(Judging by action sound)

ii) Pull up the master mounting handle to unlock it.



iii) Pull out the drum.



・Please pull out the drum slowly. In the final position, it will be blocked by the brake.

iv) Hold the handle with one hand, and take out the drum with the other hand.

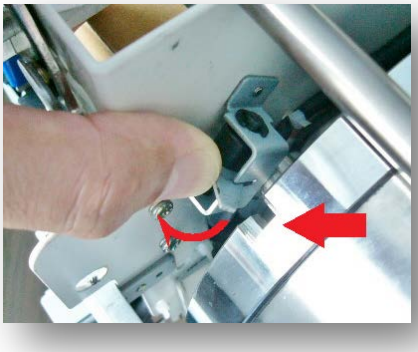


・Pull the drum up slightly and get away from the guide rail.

v) Install in reverse order.

Rotate the drum when it is pulled out of the machine body

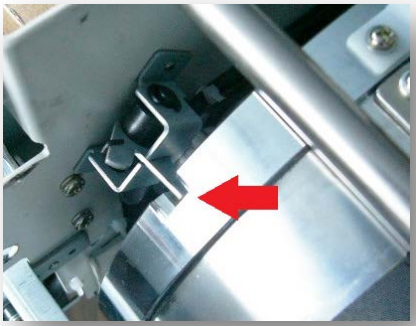
・In general, the position of the drum is fixed by the brake. Want to rotate the drum at will you need to release the brake.



・Turn the drum to the left in the state that the drum is completely pulled out of the machine body.



・When putting the drum back into the fuselage, please adjust the drum to fix the position of the brake and the brake matches.

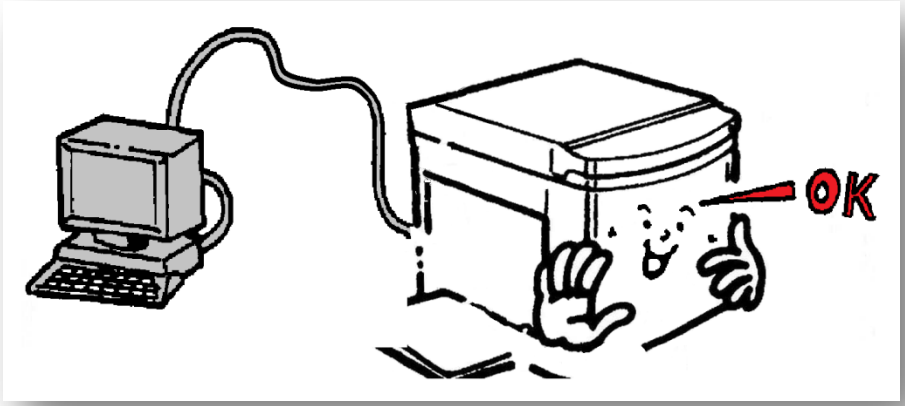


If the fixed position of the drum brake does not match the brake, the drum will not be installed. Forced installation will cause machine failure.

Don't rotate the drum when the drum is pulled out of the machine half, which may cause the drum failure.

Online printing function

USB data line connection



This machine can not only print single pages, original books and periodicals, but also send files and materials made in the computer directly to the digital duplicator for printing.

Three methods:

- Lan connection (optional function of JR-5360S)
- Usb data cable connection (all models)
- U disk data reading (JR-5360S standard/JR-2370S, 2361S optional)

Please use the special [digital duplicator driver] when using the above methods. Please install it in advance.

The following instructions are based on the computer operating system [Windows7/64bit version].

Regarding the special print driver, it is made according to the [Ver 3,2] version of the computer. This print driver (Ver3,2) can always correspond to [Windows10/32bit version].

- Installation sequence of digital duplicator driver 89
- Initial setting of digital duplicator driver 101
- Network connections 104
- Online Printing (LAN/USB) 115
- U flash disk printing 118

Installation sequence of digital duplicator driver

Before installation.

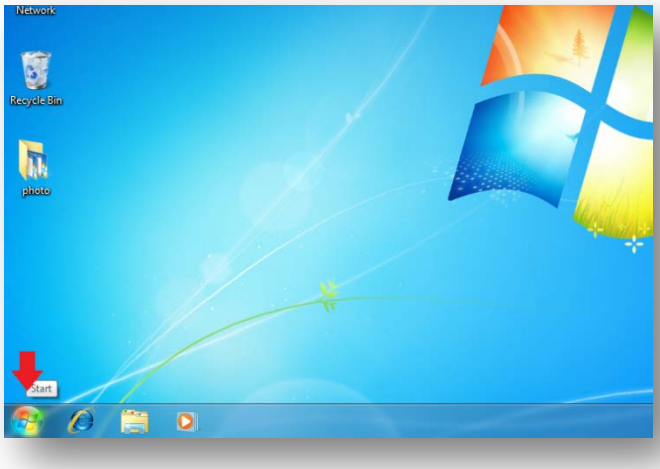
Due to the different use environment (brand, OS, security) of the computer, the information appearing in the installation process may be different from that indicated in this manual, or the installation may not be successful.Please understand. This manual is based on the operating system [Windows7/64bit version].

First.

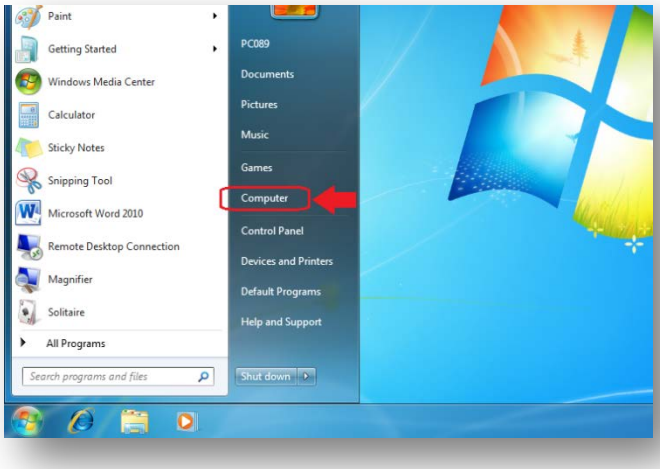
Please confirm the operating system of the computer, and proceed step by step according to the confirmed contents and the operating sequence of the installation instructions. (If you have mastered it, you can omit the following)

Confirmation method of operation system

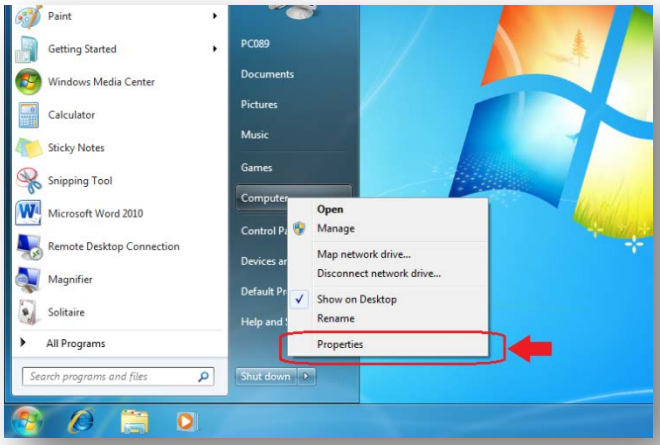
1. In the power-on state, click the start button in the lower left corner.



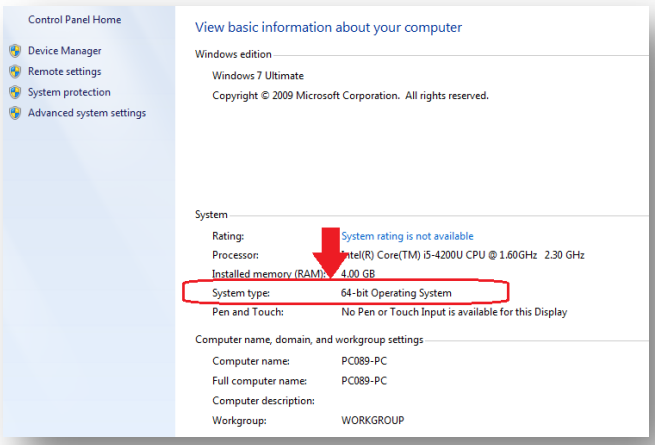
2. Select [Computer] and click the right mouse button.



3. Click [Properties].



4. The number under [system type] is the bit number of [operating system].



※ The above picture shows [64 bit version].

5. Please click the [Close (C)] button in the upper right corner of the window after confirmation, and the display window will disappear.

[Operating system] is divided into [32bit] version and [64bit] version. Since this item is required in the later [Installation of digital duplicator Drive], it is necessary to confirm this item.

Confirmation method of operation system

First.

As mentioned above, duplicator vers should be used regardless of the usage method (LAN con nection /USB cable connection /U disk printing). When LAN is connected, drivers should be installed at the same time. The following items (printer driver installation) are omitted.

Start when the computer is turned on and the digital duplicator is turned off.

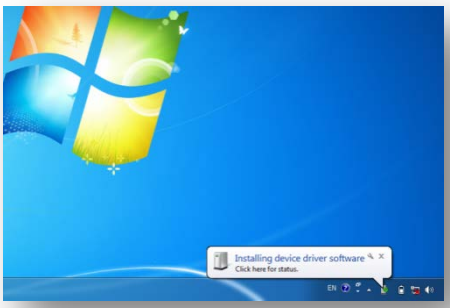
1. Use the USB power cord attached to the duplicator to connect the computer with the duplicator.





The USB interface of the digital duplicator is on the back cover side. Cheak (page 25)
Please actually confirm the location of the USB interface of the computer.

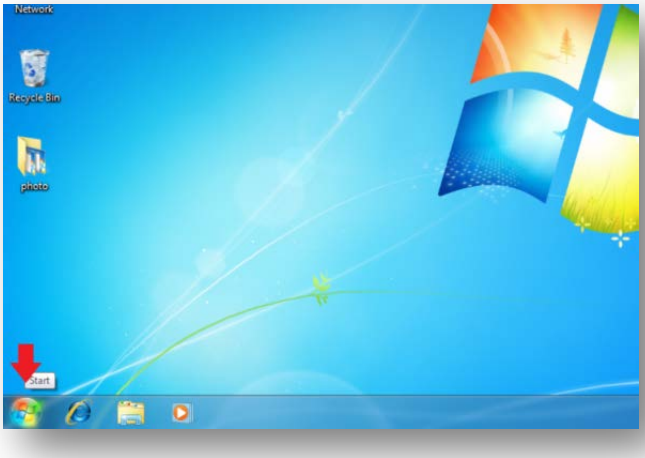
2. Turn on the power of the.The computer side will automatically recognize and display the message [Digital duplicator connected].



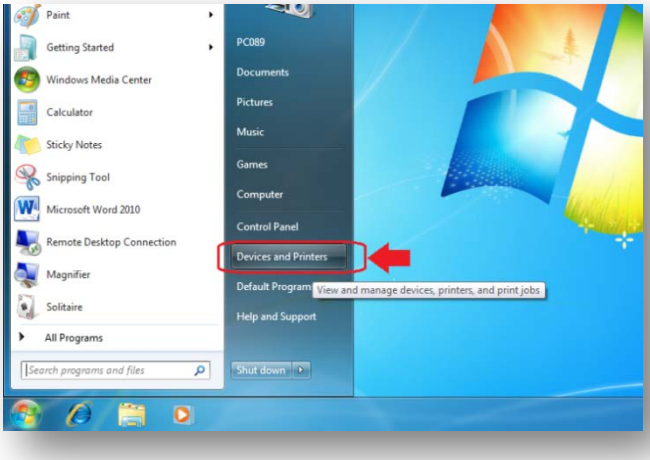


・Start the next step after the informatio is displayed.

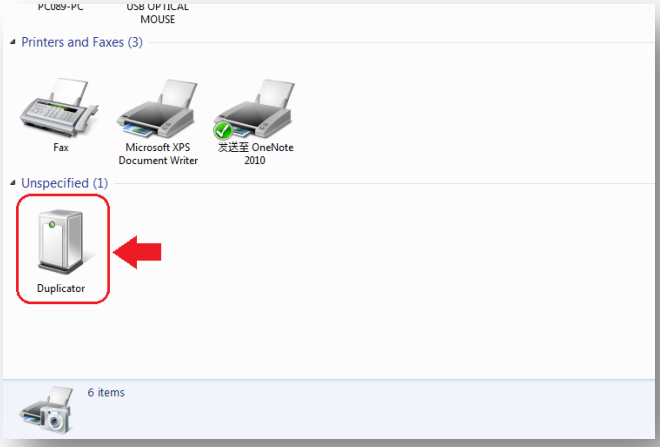
3. Click the [Start] button in the lower left corner.



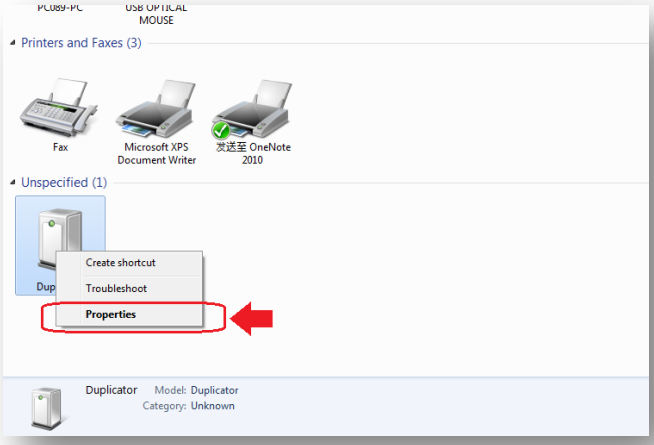
4. Click [Devices and Printers].



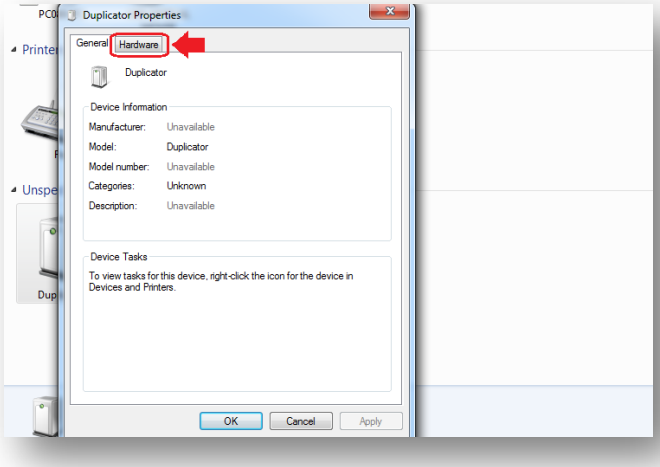
5. The connected printer has been identified and displayed as [Duplicator]. Click the right mouse button on this option.



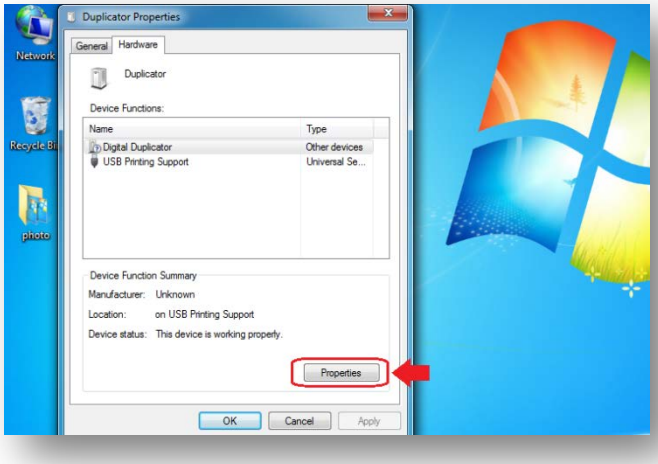
6. Click [Properties].



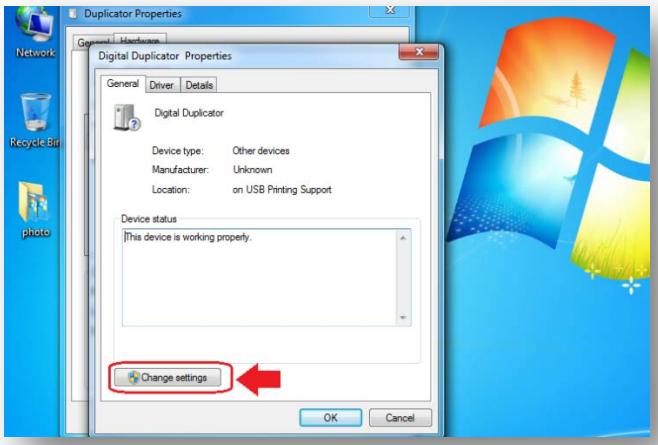
7. Click the [Hardware] option in [Duplicator properties].



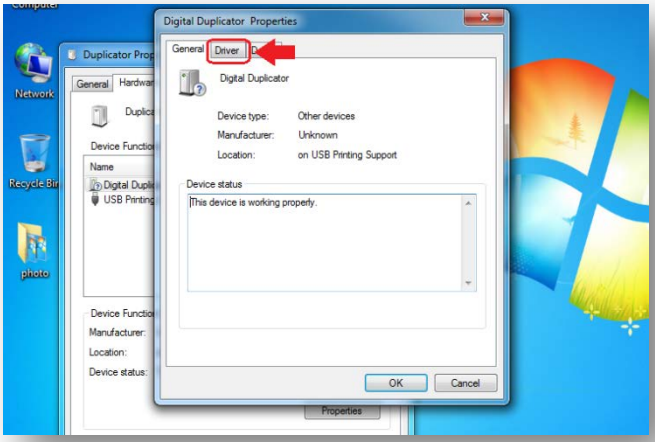
8. Click [Properties].



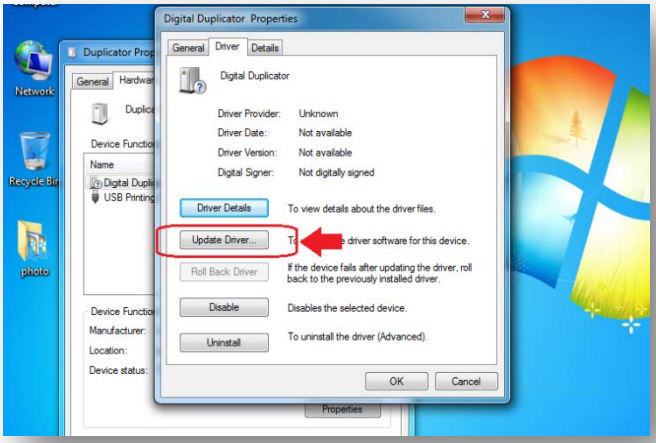
9. Click [Change Settings] in [Digital Duplicator properties].



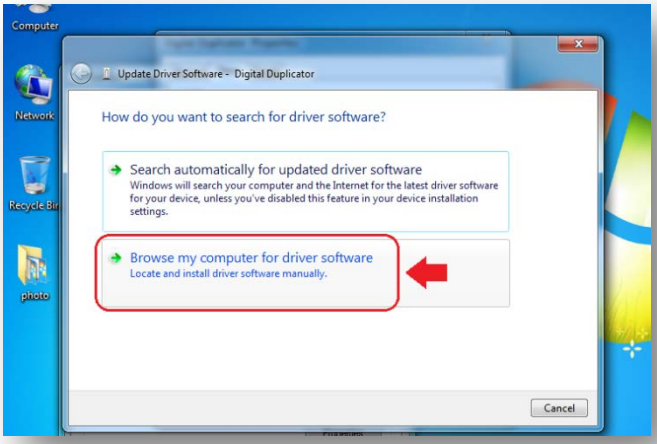
10. Click [Driver].



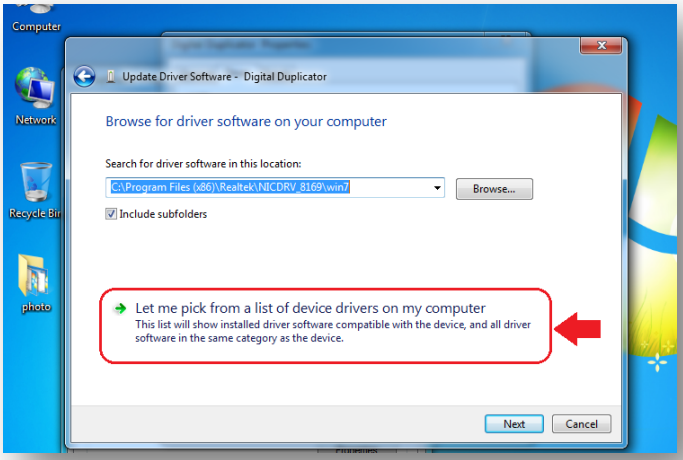
11. Click the [Update Driver] option.



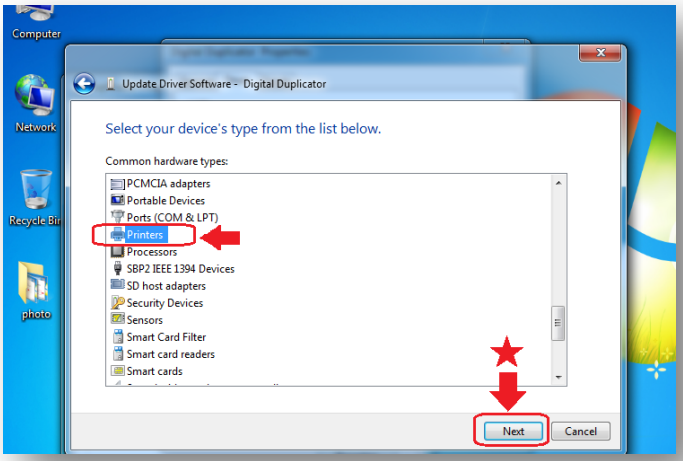
12. Click the [Browse Computer …] option in [How do you want to search for driver software].



13. Click the [Let me pick …] option in [Browse for driver software on your computer].

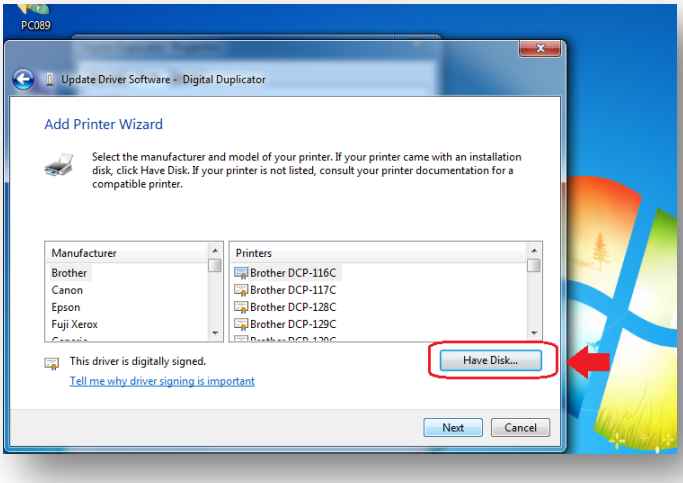


14. Double-click the [Printer] option in [Common Hardware Types].

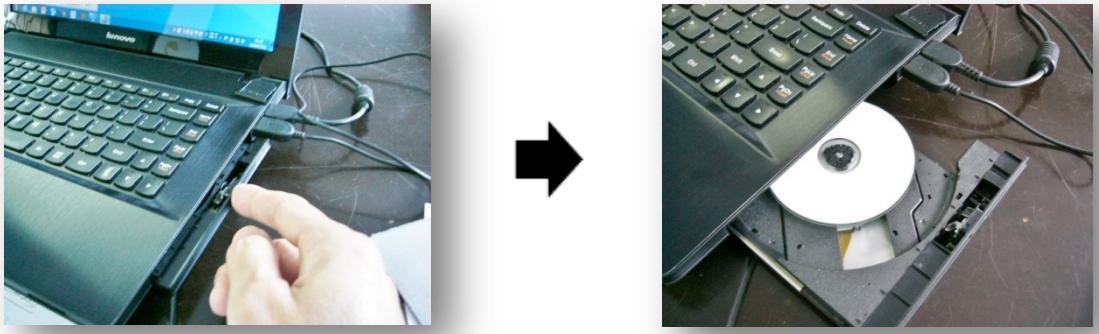


- Click the [Printer] option and then click the [Next (N)] option.

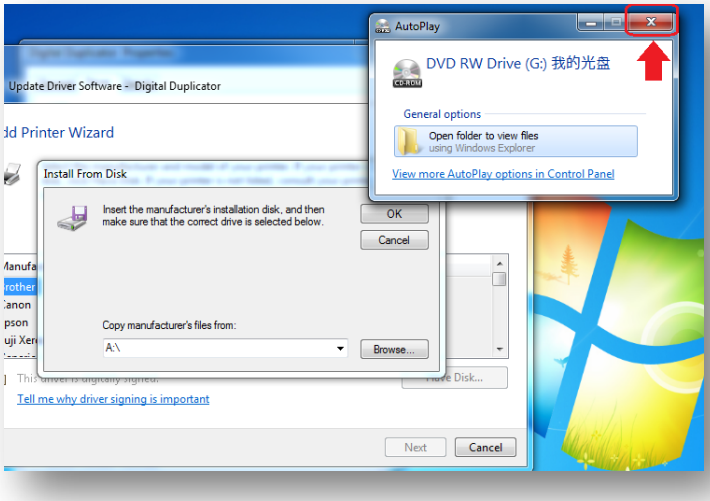
15. Click the [Have Disk] option in [Add Printer Wizard].



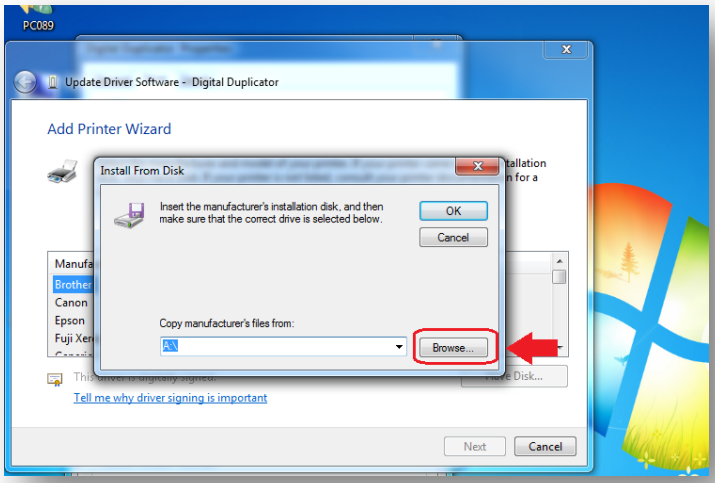
16. Load the attached CD into the computer driver.



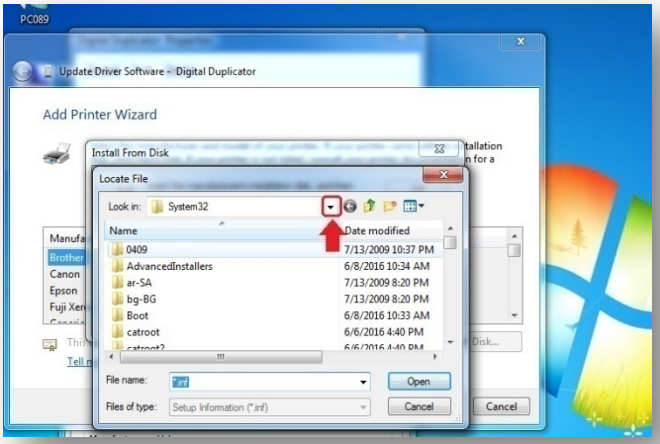
17. When the [AutoPlay] screen is displayed automatically, click the [Close (C)] option in the upper right corner.



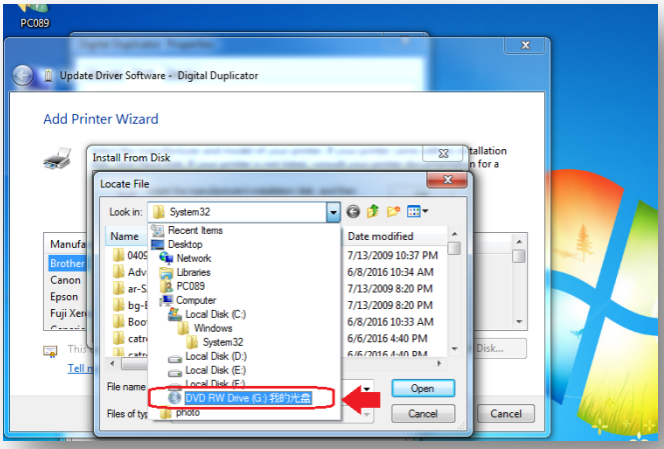
18. The [Install From Disk] screen will be displayed, and click the [Browse (B)] option.



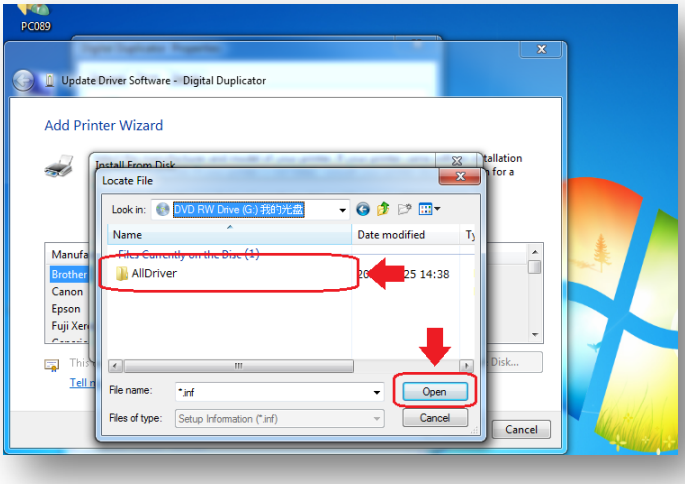
19. Click the [▼] key in [Look in] in [Locate File].



20. Click the [DVD drive] option in the [Look in] list.

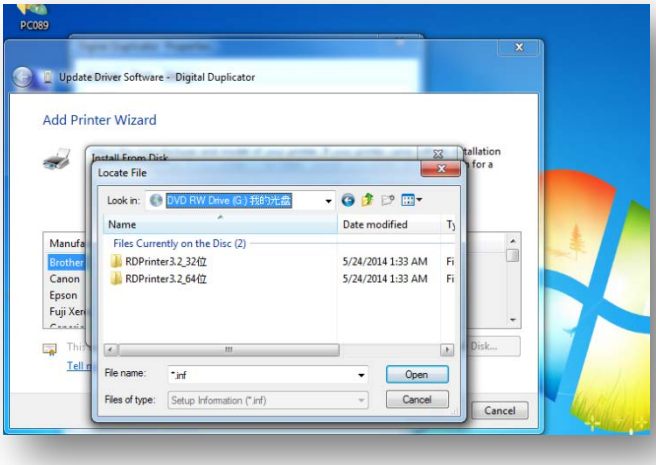


21. The contents of the CD loaded into the computer drive in step [16] are displayed. Double-click the [All Driver] folder.

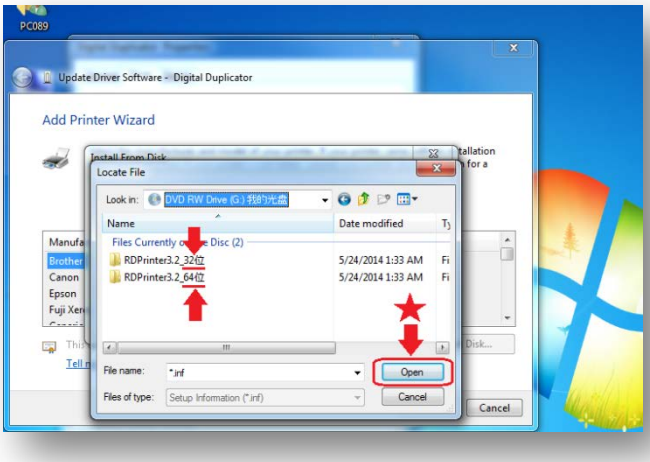


・Double-click [All Driver] and then click [Open] option.

22. Display the folder data saved in the CD. Different types of PC and CD are used, and the contents displayed are different.

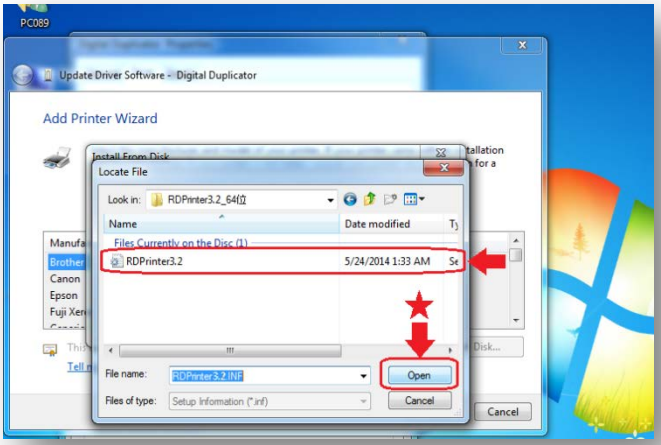


23. [Operation System] has been confirmed on page 89 of this book. Please double-click the folder that matches the number of bits in the computer.



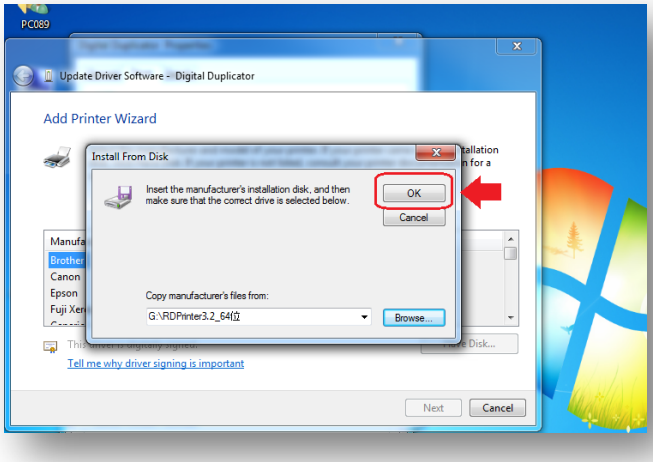
- You can choose any folder, and then click the [Open (O)] option.

24. Display the [Digital duplicator driver] program screen, and double-click the [RDPrinter3.2] option.

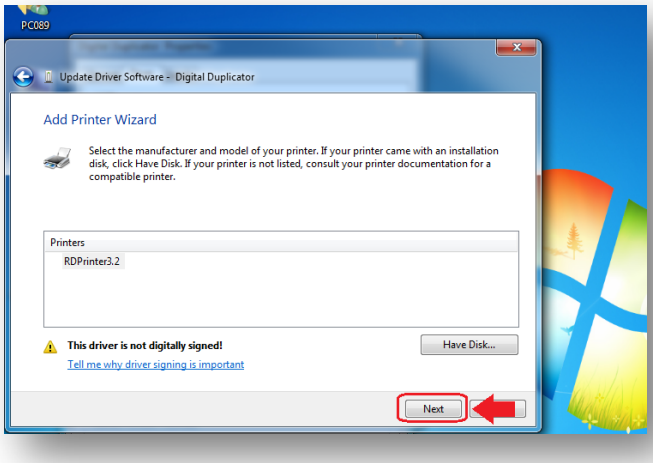


- Double-click the [RDPrinter3.2] option and then click the [Open (O)] option.

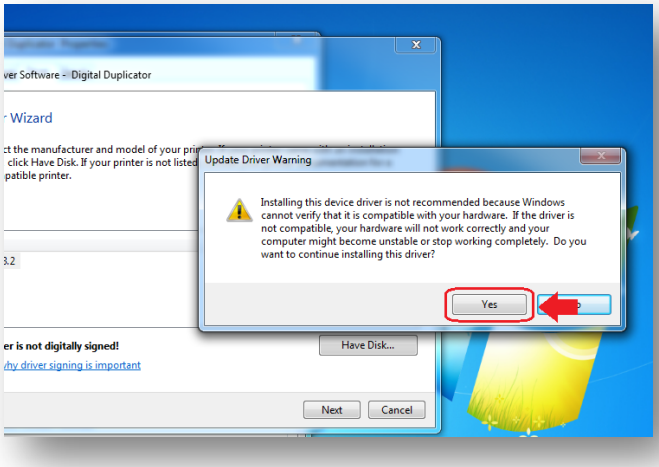
25. The [Install from Disk] screen is displayed, and click the [ok] option.



26. Click [Next (N)].

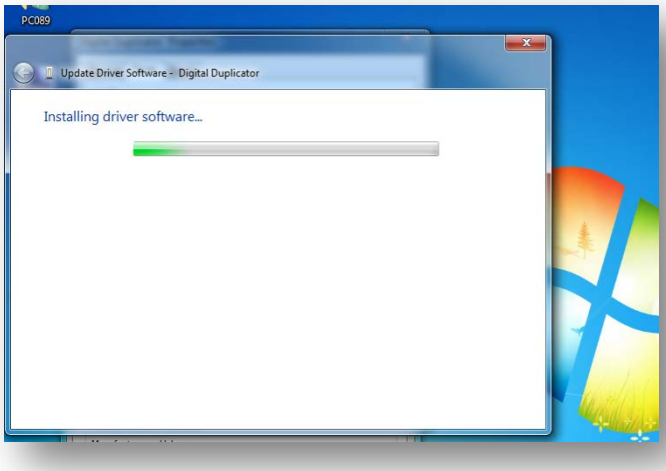


27. A reminder screen related to program installation is displayed, asking [whether to continue the installation], and clicking the [Yes (Y)] option.

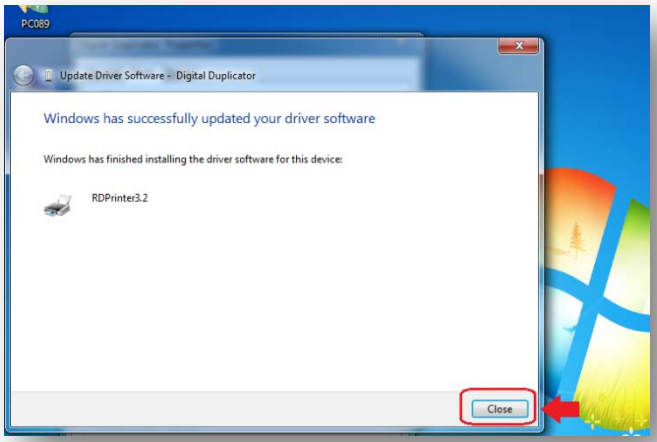


- The prompt and confirmation screen may be displayed several times. Please click the [Yes (Y)] option continuously.

28. Digital duplicator driver starts to install, please wait a moment.



29. Display [Installation Completion] information, and click [Close (C)] option to complete the installation.

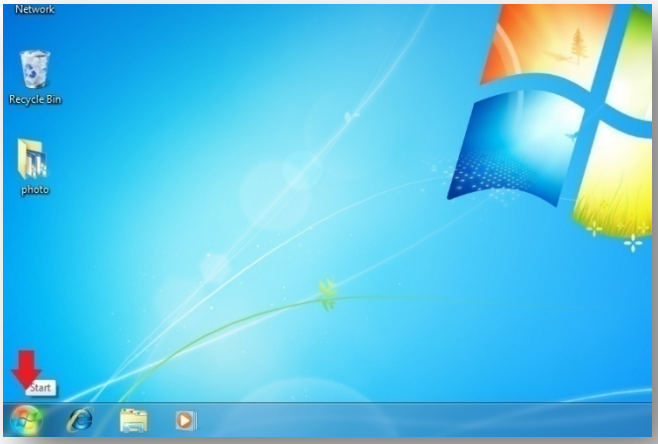


30. Click the [Close] button in the upper right corner, and the screen disappears.

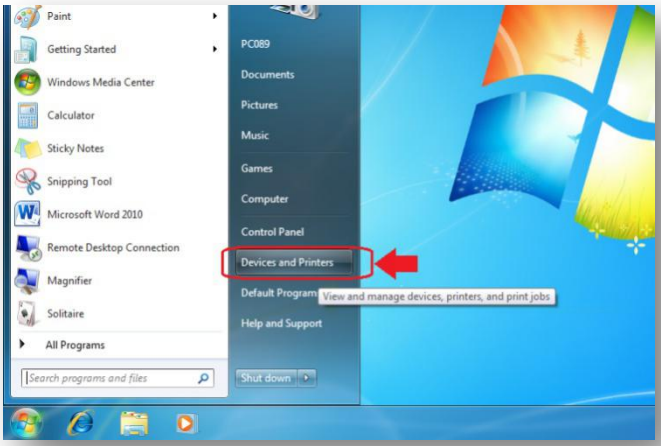
Initial setting of digital duplicator driver

After the computer is connected to the digital duplicator, initial settings are required for initial printing and U disk printing.

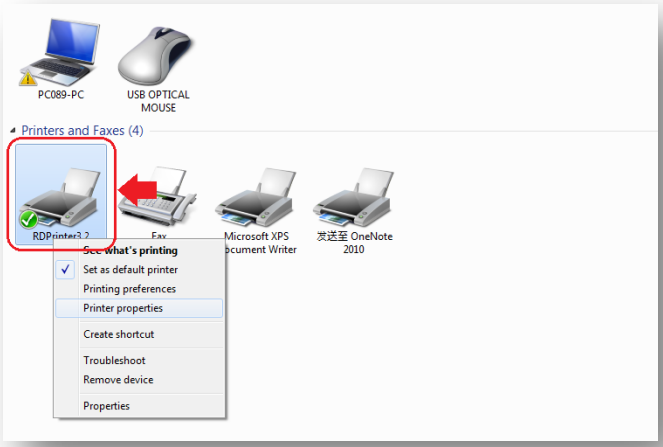
1. Click the [Start] button in the lower left corner of the desktop.



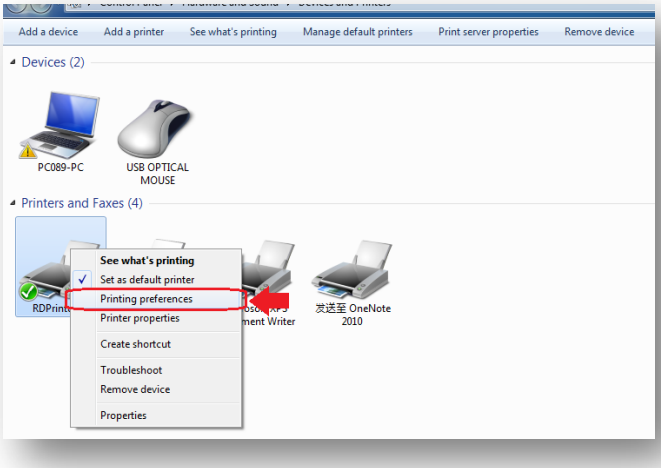
2. Click [Devices and Printers].



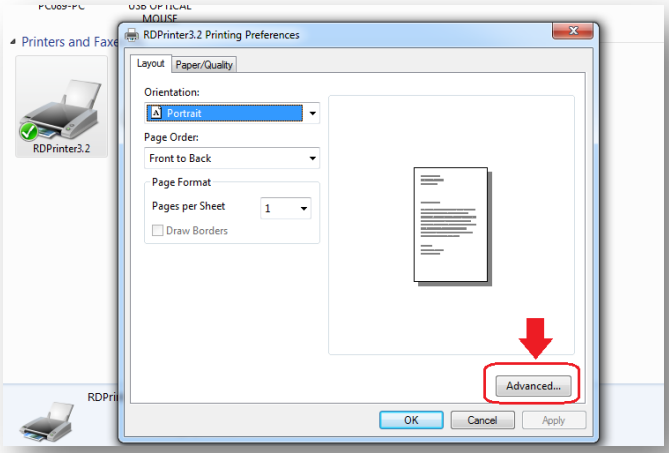
3. All printers connected to the computer will be displayed. Right click [RDPrinter 3.2].



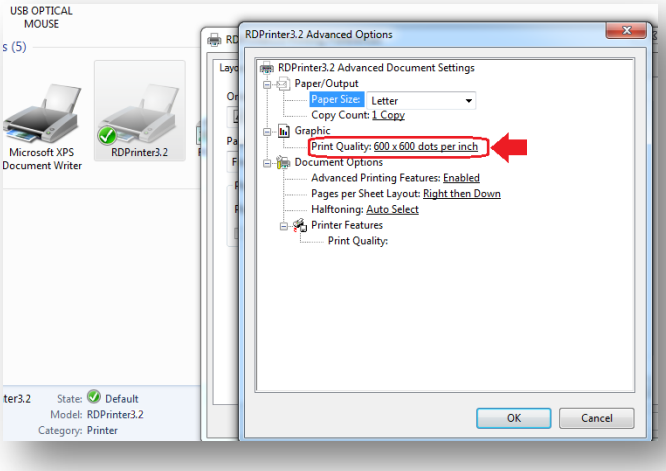
4. Click the [Printing Preferences (G)] option.



5. Click [Advanced].

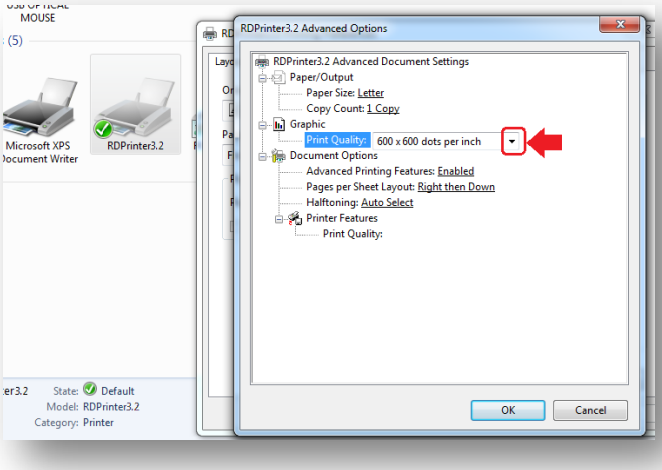


6. Click Print Quality [600×600 dots per inch].

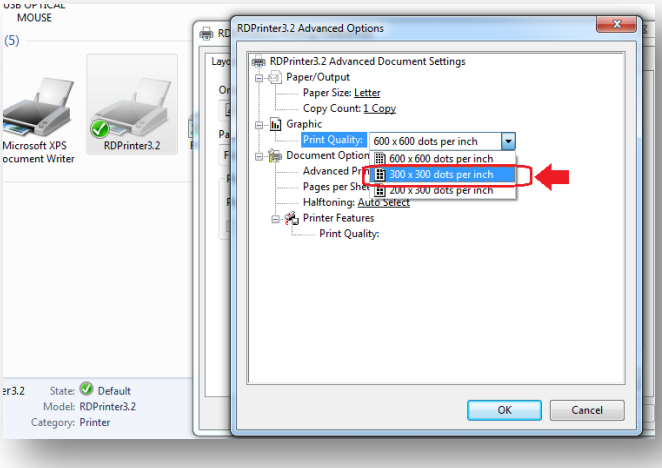


・If the print quality is "300× 300", please go directly to step [9].

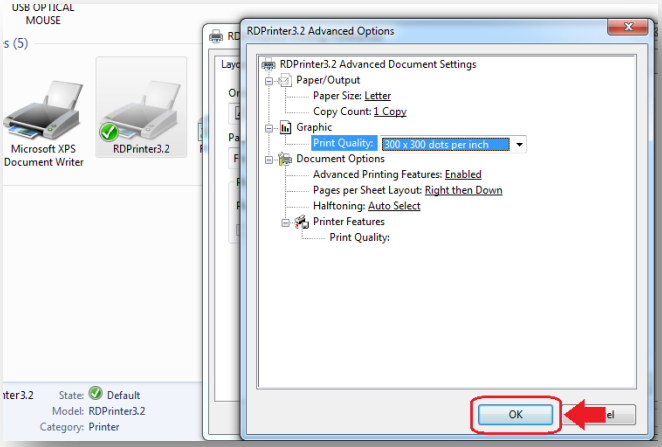
7. Click the [▼] button at the right end of [600×600…].



8. 3 items will be displayed. Click [300×300 dots per inch].



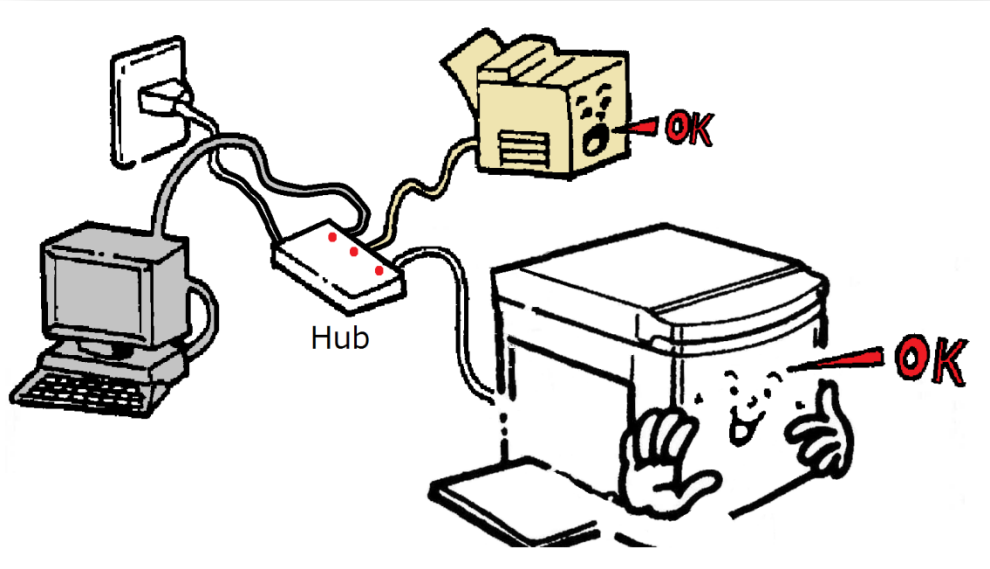
9. Click [OK].



10. Click upper right [Close] button, and close the window that has been set.

Network printing function

Only optional for JR-5360S



Digital duplicator should be connected with network in network covered zone, so that all people in network zone can use the digital duplicator. But before using LAN printing function, each user should install the digital duplicator driver on computer.

Confirm IP address

After digital duplicator is connected with network, [IP address] will be automatically generated in digital duplicator. If ‘home’of digital duplicator is confirmed, inquire the data in later setting.

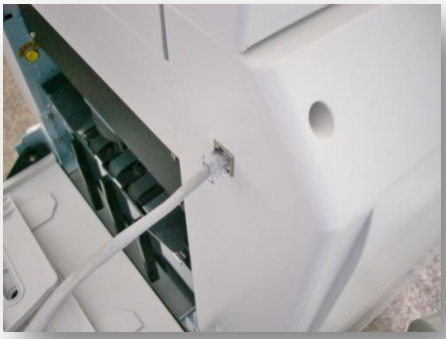
Two ways to set up IP.①Automatic setting when connect to network ②Set freely. The process attached based on the second way to avoid false action among electrical appliances in LAN..

Firstly please confirm the available IP address in LAN with administration.

The available IP set in advance in this duplicator is [192.168.1.120] or [192.168.1.130]. It will happen net faulty if there is IP address conflict. So please confirm the IP address you will use is available or not with your IT.

The IP we used in this duplicator is [192.168.1.130].

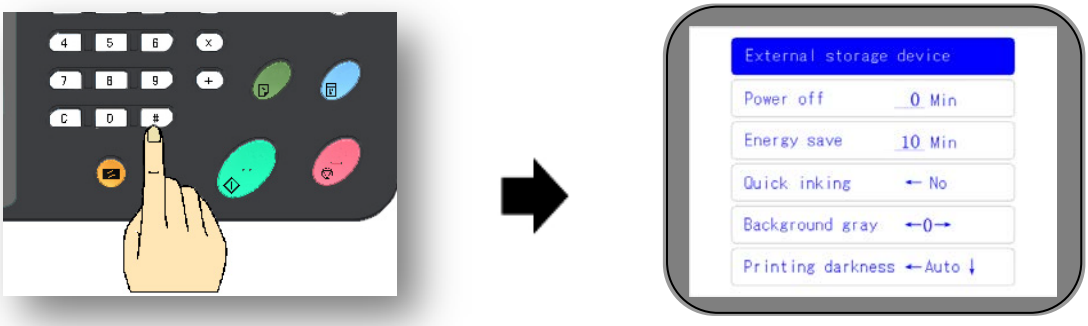
1. Connect the digital duplicator with the switch by network cable.



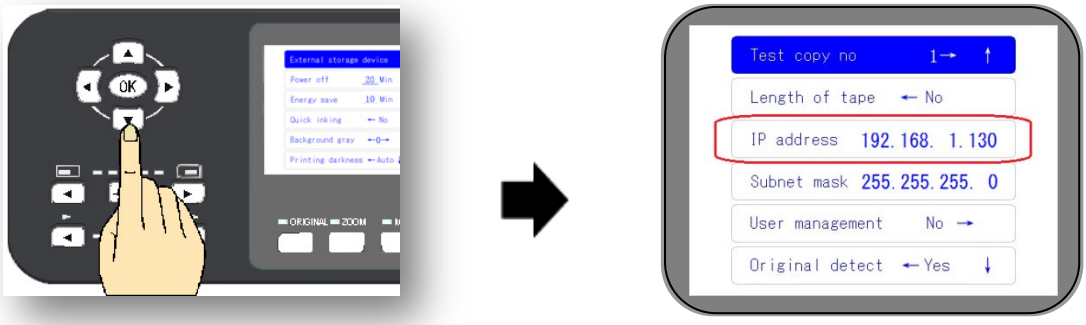
2. Turn on the power switch of digital duplicator.



3. Press the [#] key in the numeric keypad to enter the setting screen.

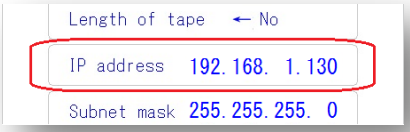


4. Use [cursor movement button 【▼】] to enter the second page.



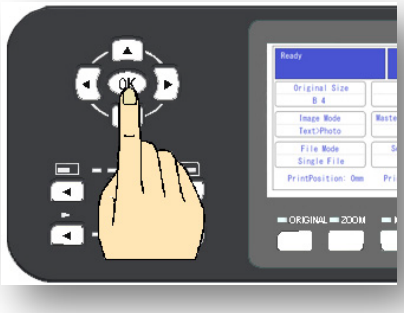
5. Write down the IP address shown (to be used later).

・The IP address shown in the example is [192.168.1.130].
(.Point also needs to be entered)



Different network areas are used, and the IP addresses are also different. Please check it on the all-in-one machine.

6. Press the [【OK】] key to return to the basic screen.



If preset IP address is occupied

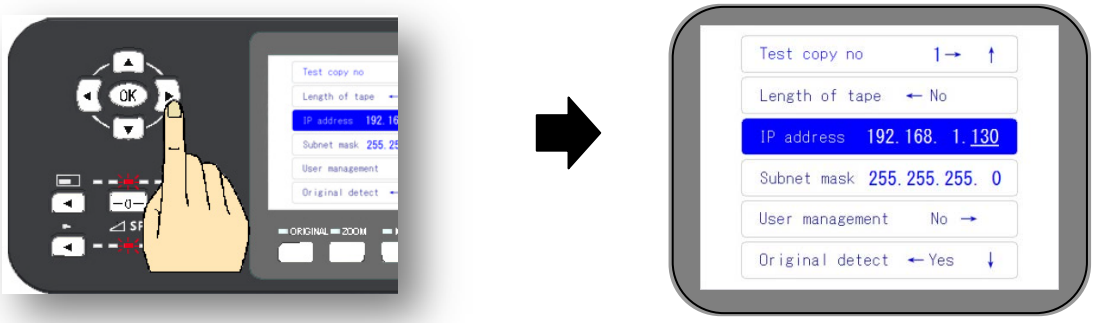
In case the IP address [192.168.1.120] or [192.168.1.130] has already been used, the standard IP address set by this machine must be changed.

Setting change method

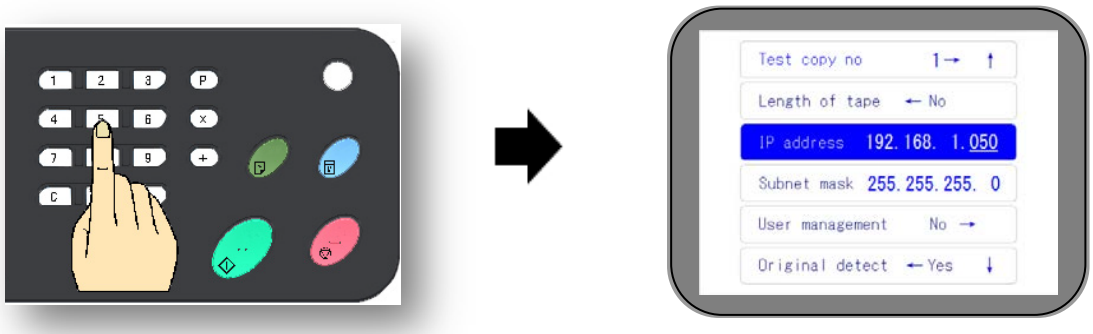
1. Refer to page 105 [1.~4.] of this manual to confirm the preset IP address.



2. Press [cursor movement key【 ▶ 】] three times in a row to move the cursor to the end.



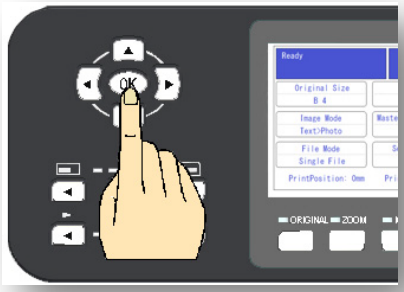
3. Confirm with the network administrator in advance, and enter the last digit of IP address approved by the network administrator.



Tips

- In the above example, enter [050], and use the number keys to enter [0]→[5]→[0].
- In case [0.0.0.0] appears in the setting column of IP address, enter it from the first place according to the above methods [1.~3.]. In this case, please enter [255.255.255.0] for Subnet Mask.

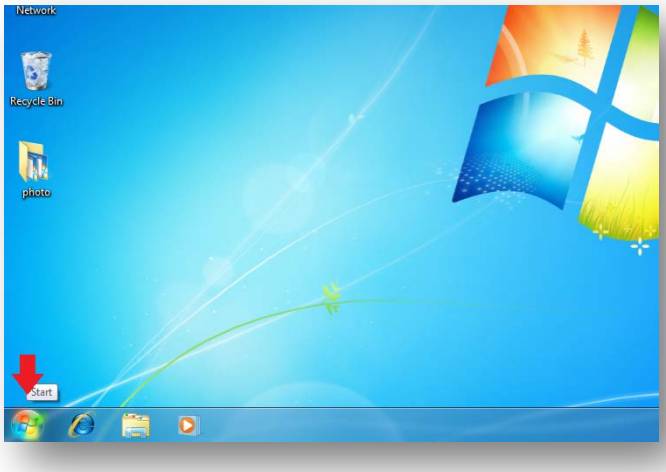
4. Press the [【OK】] key to return to the basic presentation screen.



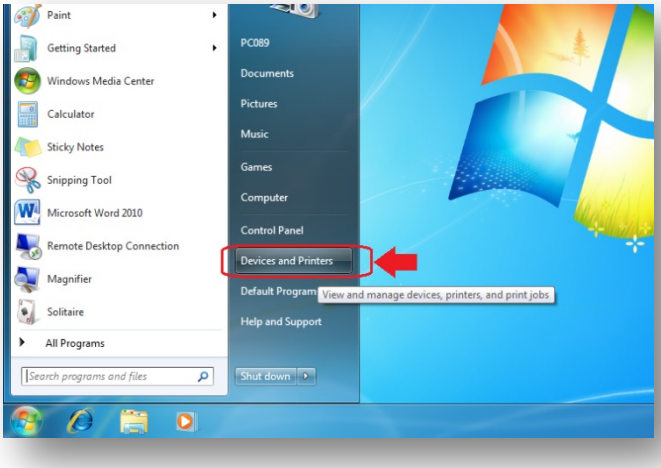
Network connections of computer

For computers with network coverage, please connect to the network in advance, and remember the IP address confirmed on page 104 above (here, take [192.168.1.130] as an example).

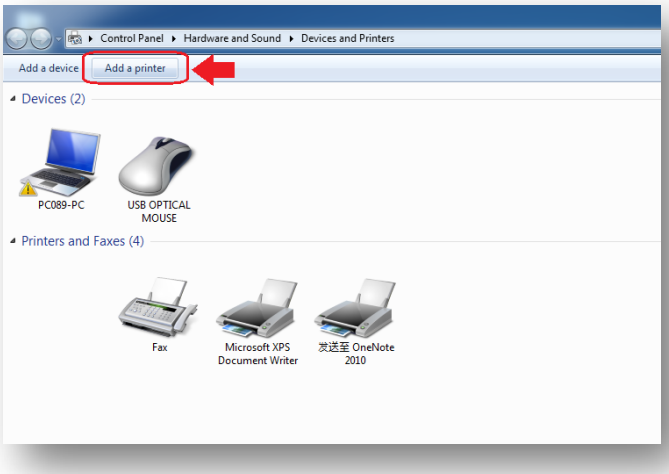
1. Click the [Start] button in the lower left corner of the desktop.



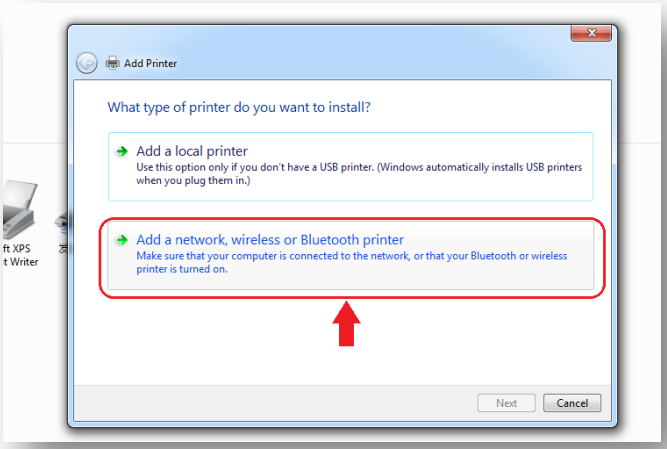
2. Click [Devices and Printers].



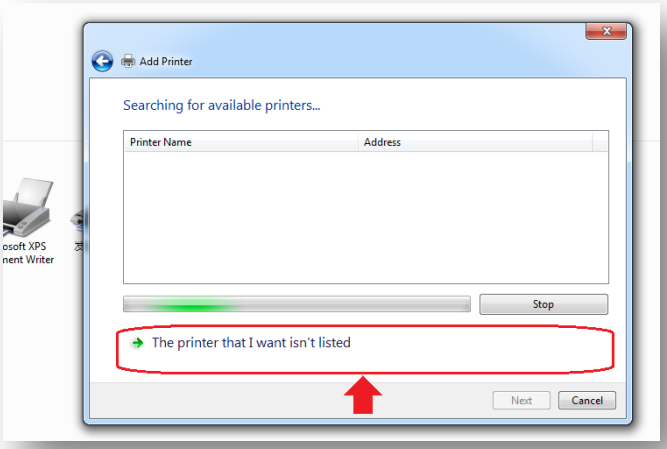
3. Click [Add Printer].



4. Click [Add a network, wireless or Bluetooth Printer (W)].

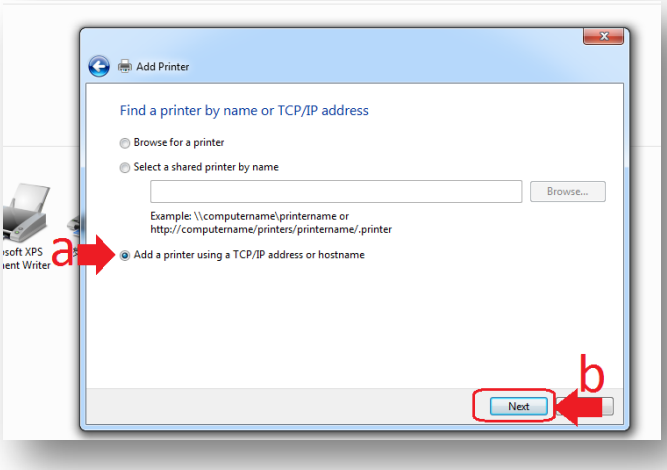


5. Click [The printer that I want isn't listed].

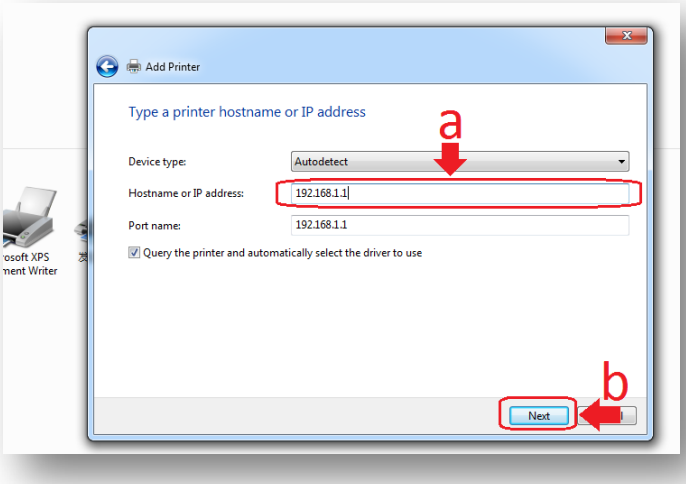


- If there are multiple printers connected in the network environment, the search will take some time. You can continue to select this option even if you are still searching in the list.

6. Click a)[Add a printer using a TCP/ IP address or hostname (I)] and then click b)[Next step (N)].

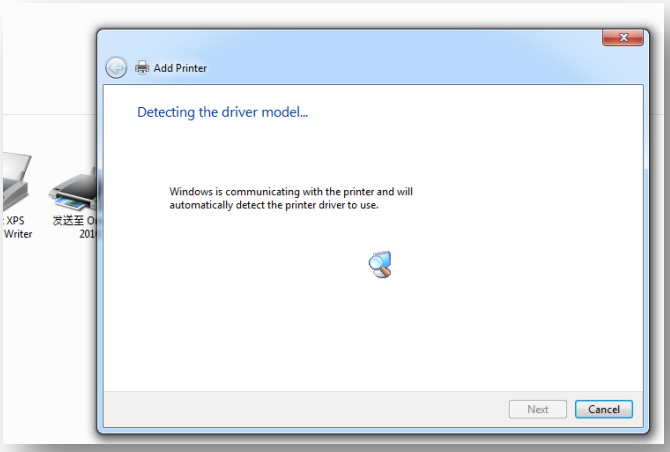


7. Enter the previously confirmed a) [IP address] and click b)[Next (N)].



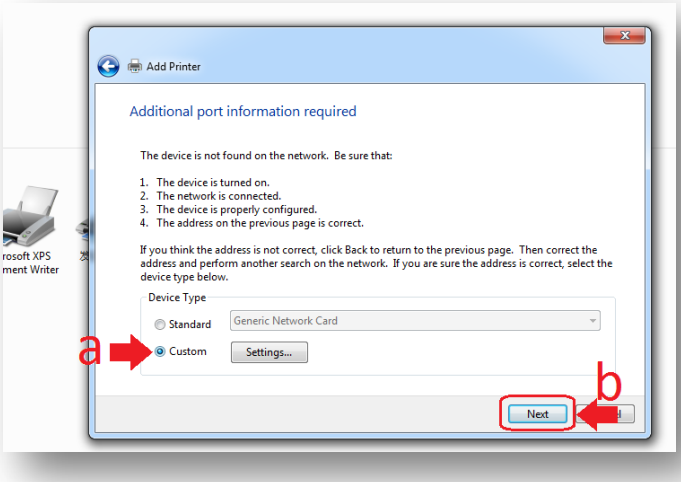
The IP address should be entered correctly in the half-angle state. (Example: the port name(P) will be automatically generated after entering 192: 168: 130).

8. Automatic detection of [TCP/IP port].

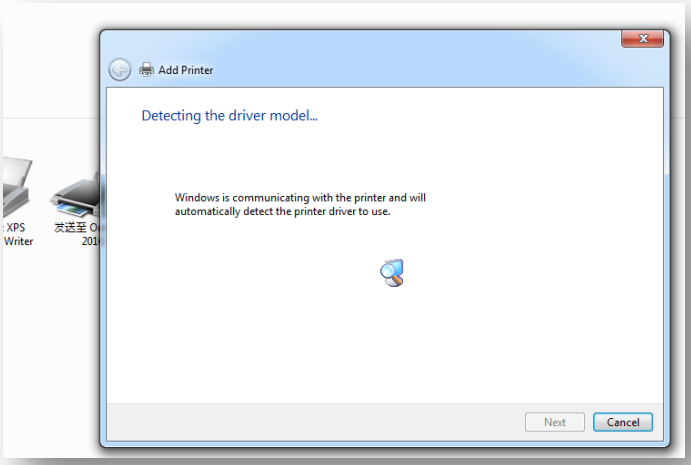


Depending on the use environment, the test may take some time, please be patient.

9. [additional port information required] will be displayed. Click a)[Custom (C)] and then click b)[Next (N)].



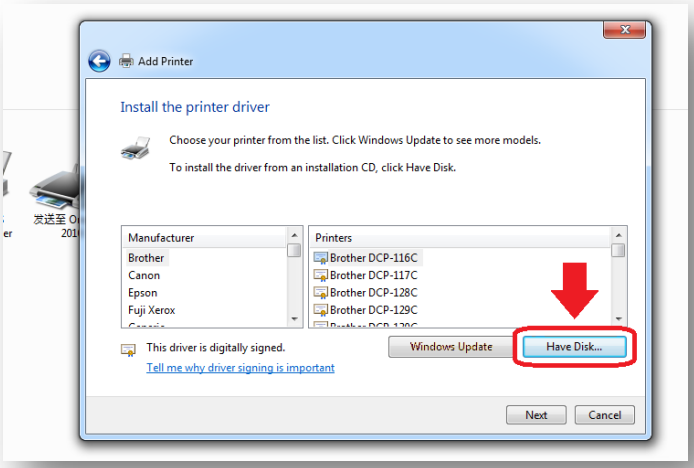
10.[Detecting the driver model ...] information is displayed.



Depending on the use environment, the test may take some time, please be patient.

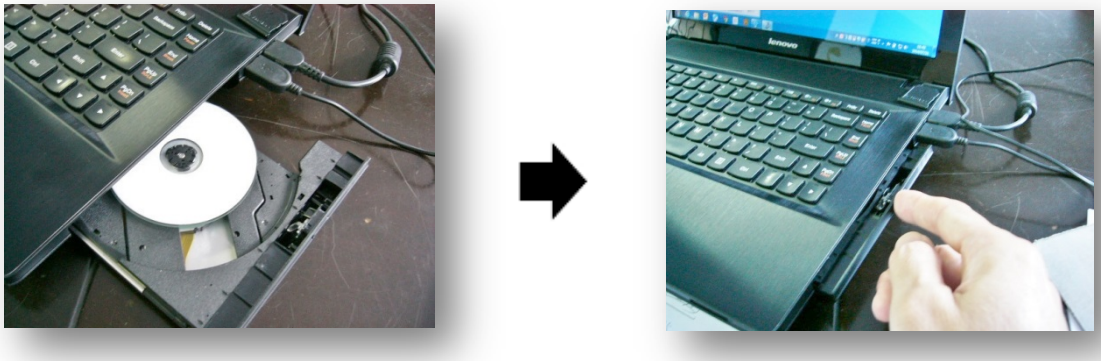
11. After [Printer installation driver] is displayed, click [Have Disk... （H）].

.



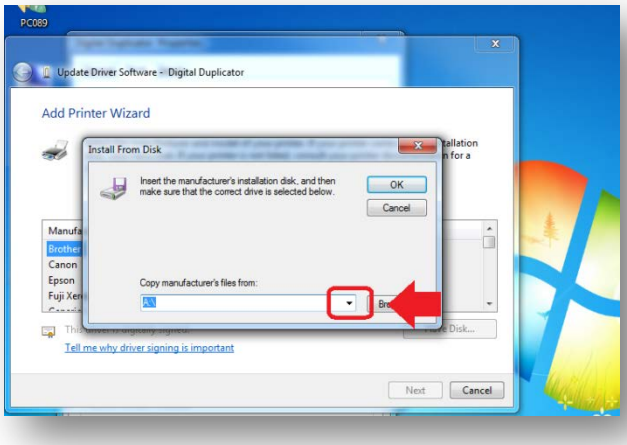
・The printer list is searching for other installed printer drivers, which will take some time. At this point, you can continue to select the [Have Disk] option.

12. Load the CD that comes with you into the driver of the computer.

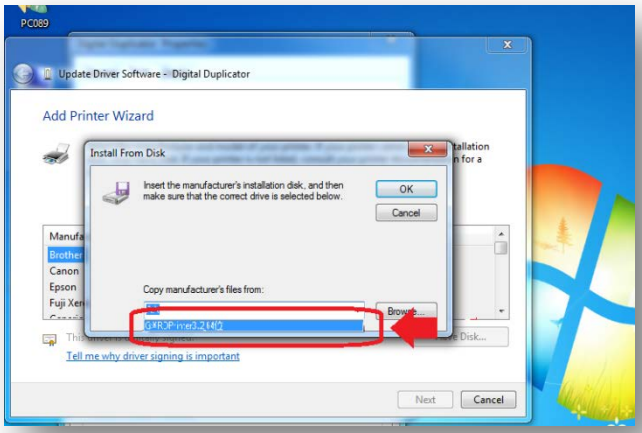


・ Please use the computer to confirm the operation.

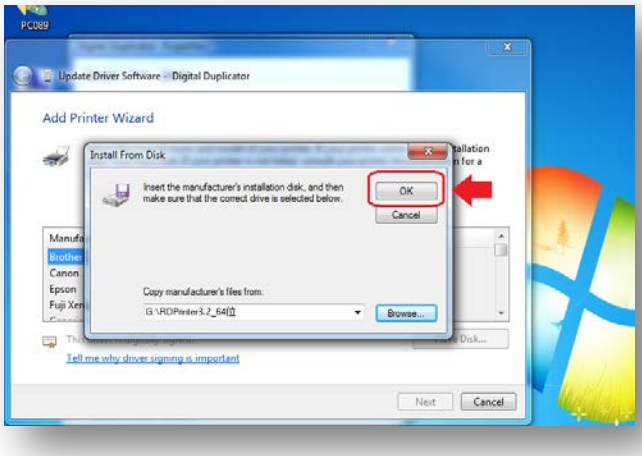
13. Click [▼] on the right side of [Copy manufacturer's files from].



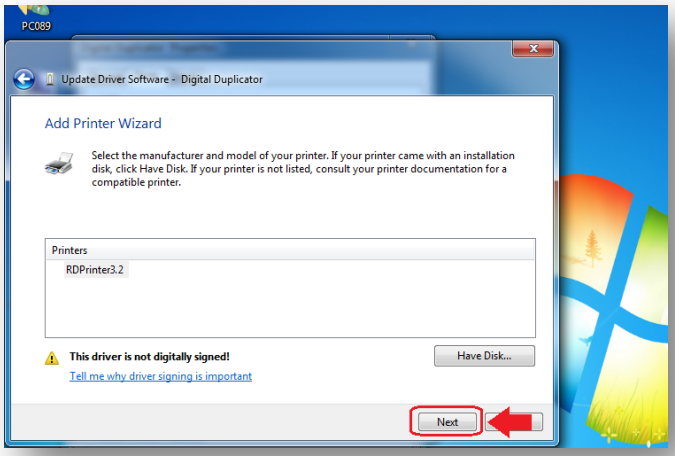
14. Click the Driver [RDPrinter3.2] loaded with CD in step [12].



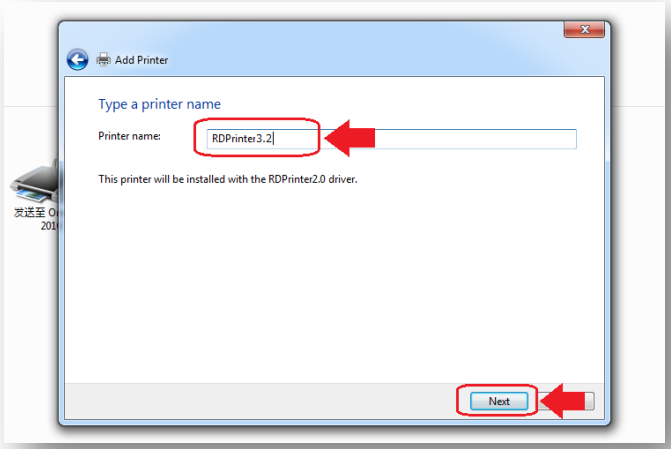
15. Click [OK].



16. Click [Next (N)].

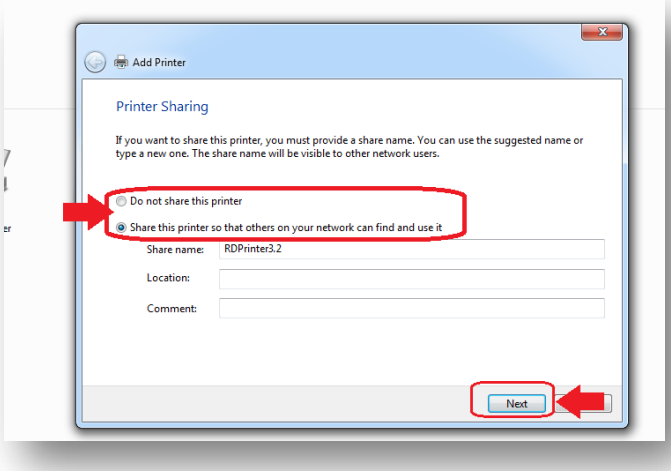


17. Display the input printer name. If there is no problem, click [Next (N)] directly.

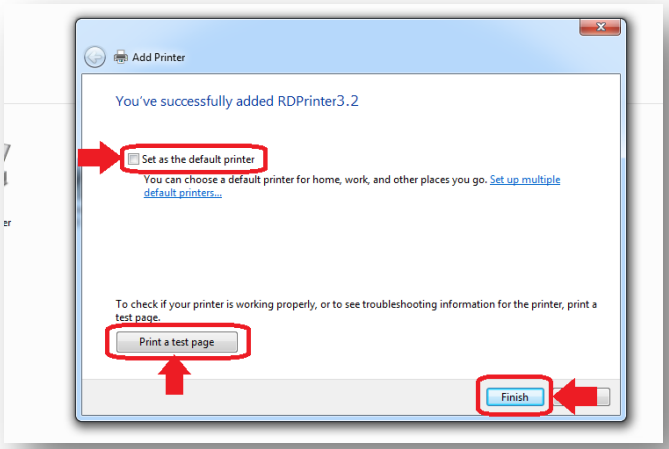


Click [Next (N)], and [Warning] text related to installation may be displayed. Please ignore the direct selection of [Start]. Installation begins.

18. Choose whether to share the printer. Choose a)[Do not share this printer (O)] when one person uses it, and choose [Share the printer so that others on your network can find and use it] when sharing it with others. click b)[Next (N)].



19. If the all-in-one machine is not set as the default printer, cancel the selection before the option, and then click c)[Finish (F)].



If you click b)[Print a test page (P)], you will use the network printing function to output test paper.

LAN/USB online printing

Online printing, it is an optional function for JR-5360S.

Use network connection or USB data cable to send data directly to the all-in-one machine for printing.

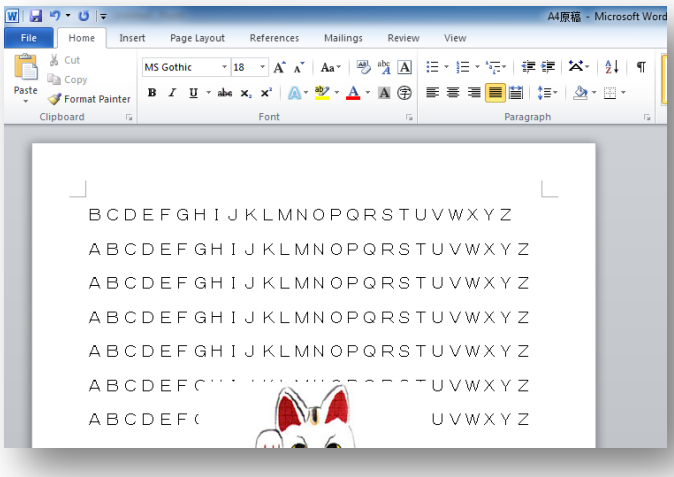
Connect the network with a network cable in advance, or connect the computer and the all-in-one machine with a USB data cable.



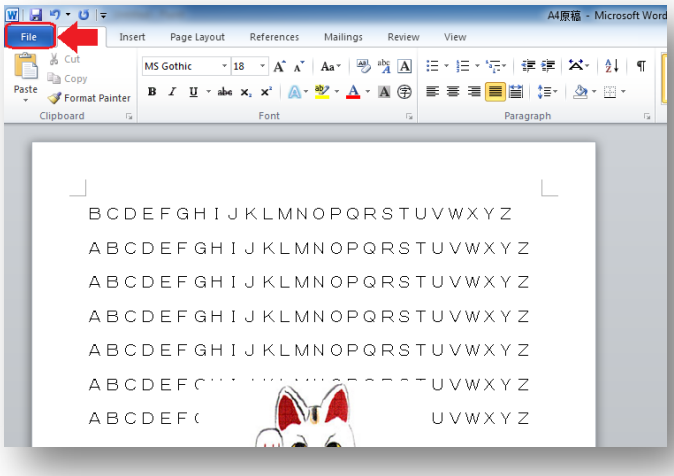


Printing method

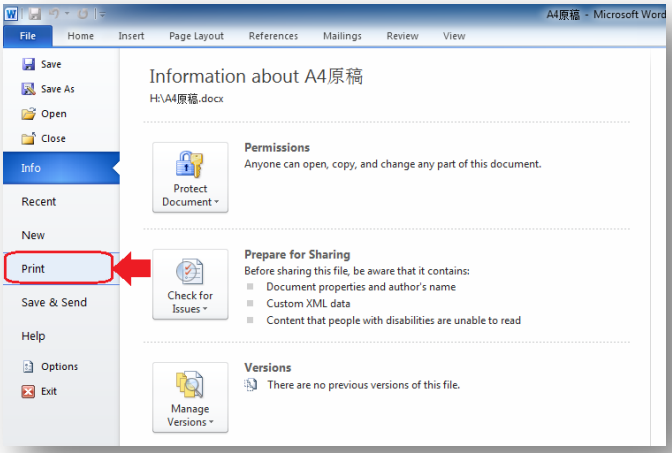
1. Open the file to be printed.



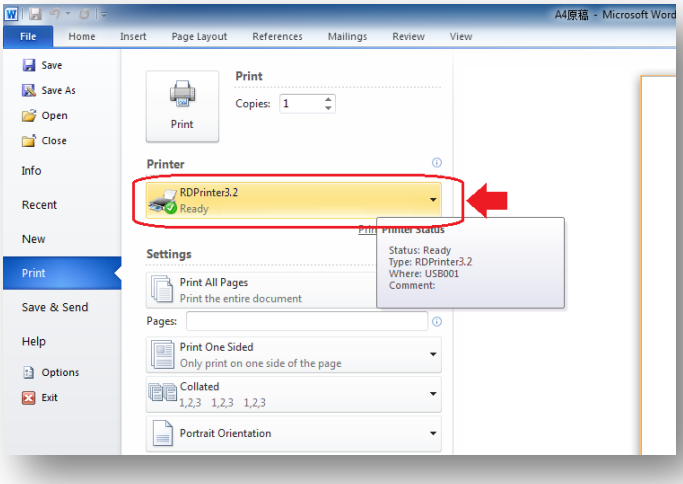
2. Click the [File] option in the upper left corner of the opened file.



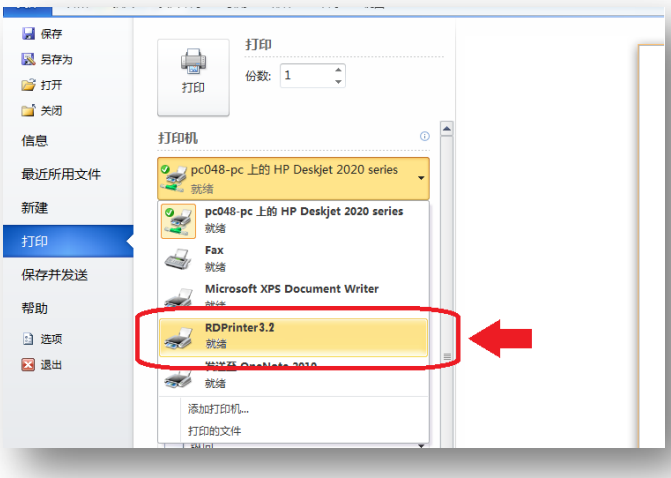
3. Click [Print].



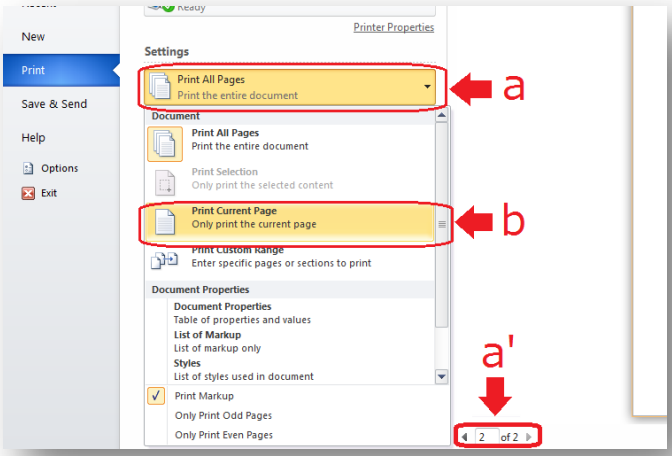
4. Click [Printer] displayed under [Printer]. (All printers connected to the computer will be displayed.)



5. Click [RD printer 3.2].



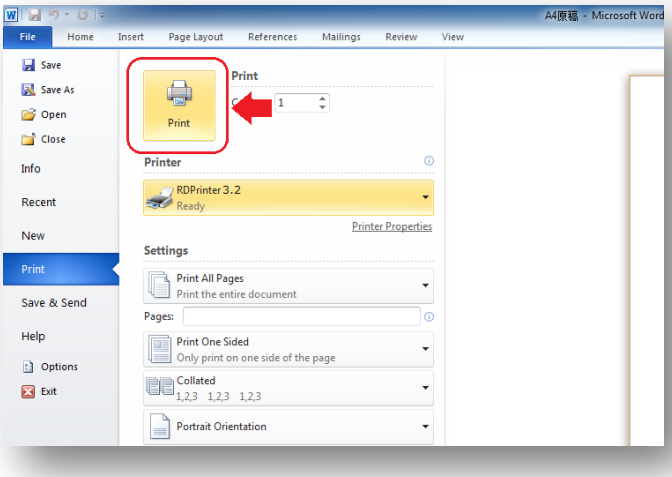
6.a) Single and multiple page selection of printed data b) Specify paper size.



a) If it is a single page, you can print it directly. If it is a multiple page, you need to click [Present page (b)] again after clicking a). When you need to specify a page number, make the select the page number with the page number selection key (a') in the lower right corner.

b) The paper size must be below B4 size. Click to select. (Sometimes there is no display)

7. Click [Print].



U flash disk printing

Standard for JR-5360S ,but optional for JR-2370S and 2361S

The data stored in the USB flash drive can be printed directly through the USB flash drive.

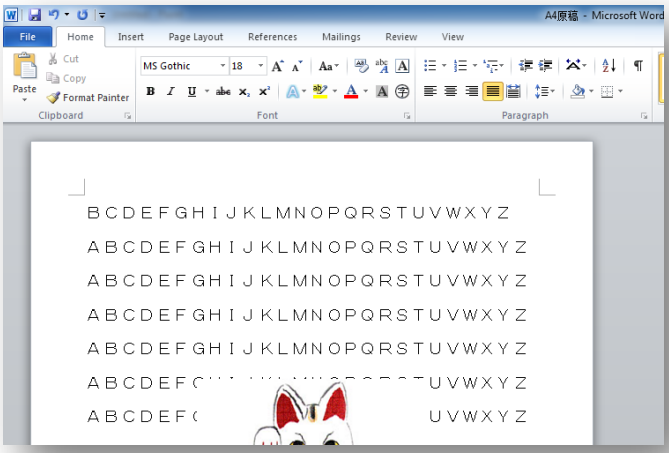


The data to be printed needs to be converted into by using the installed all-in-one printer driver. The format required by the all-in-one machine,and then save it in the USB flash drive.

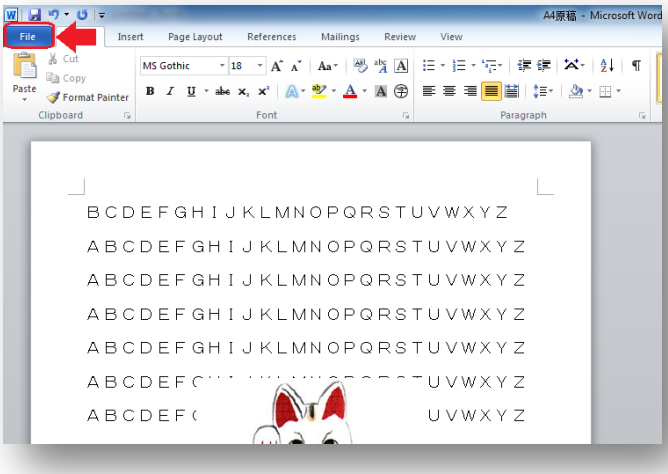
Data conversion and storage

1. Insert the USB flash drive into the computer with the all-in-one driver installed.

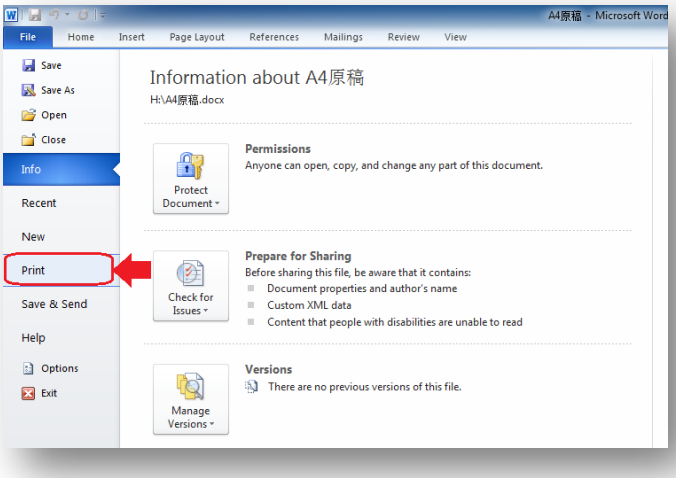
2. Open the file to be printed.



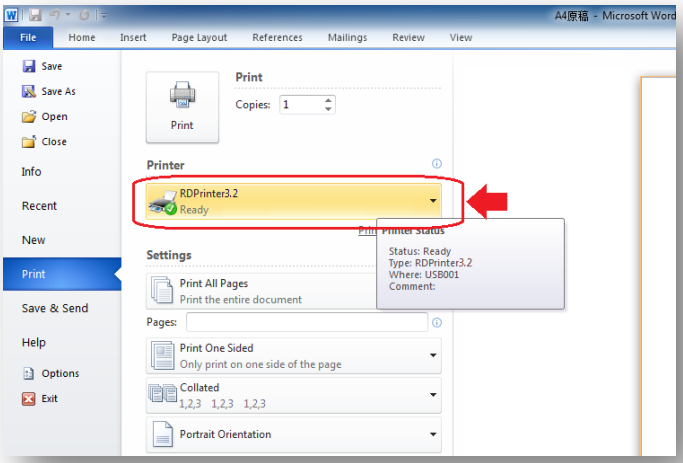
3. Click the [File] option in the upper left corner of the opened file.



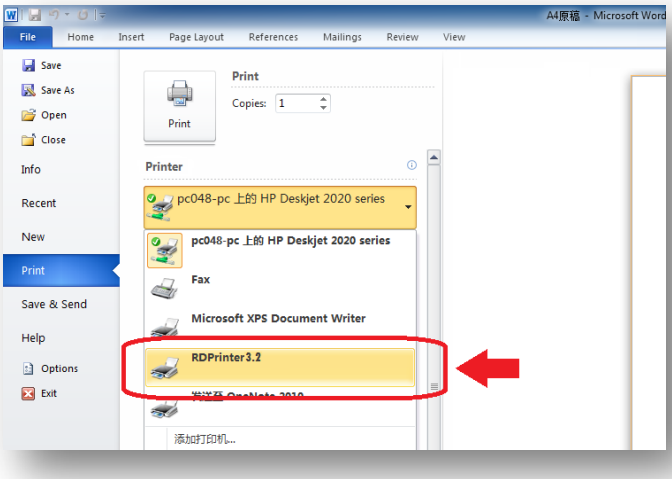
4. Click [Print].



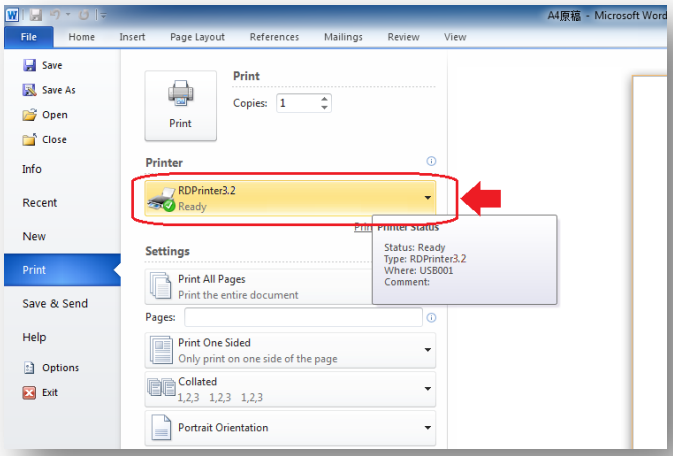
5. Click [Printer type] displayed under [Printer]. (All printers connected to the computer will be displayed.)



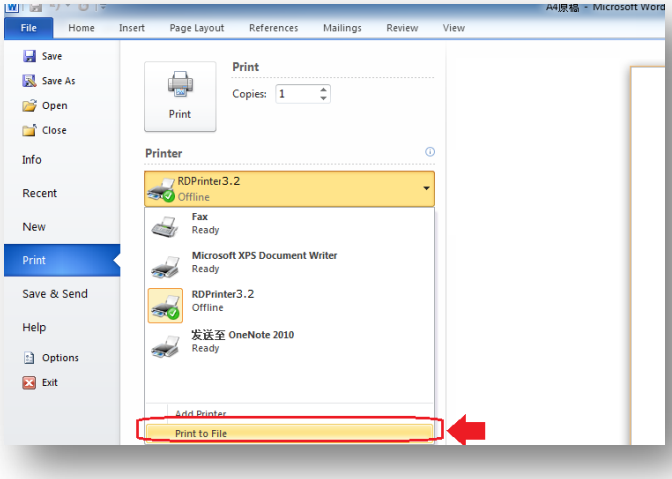
6. Click [RDPrinter 3.2].



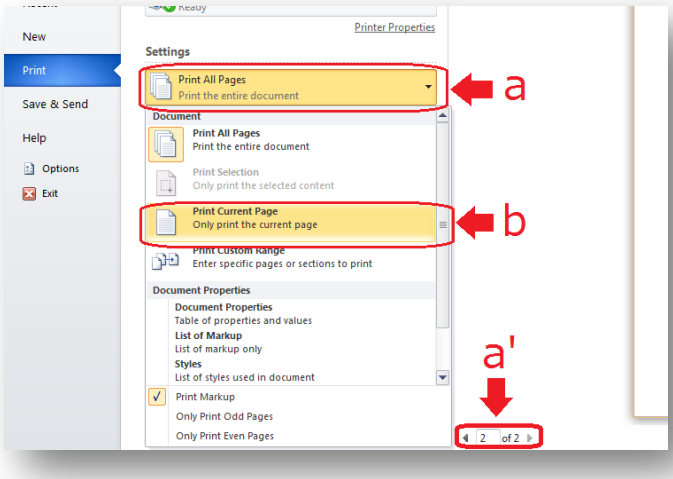
7. Click [Printer Name] under [Printer] again. (The representation of RDPrinter 3.2 has changed.)



8. Click [Printe to file].



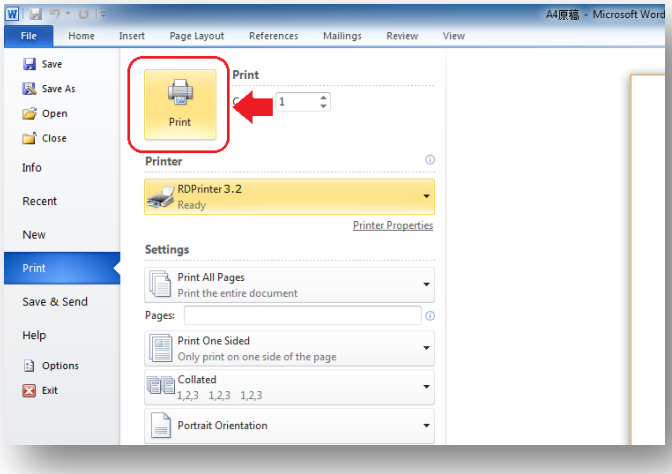
9. (a) single-page and double-page selection, and (b) paper size selection.



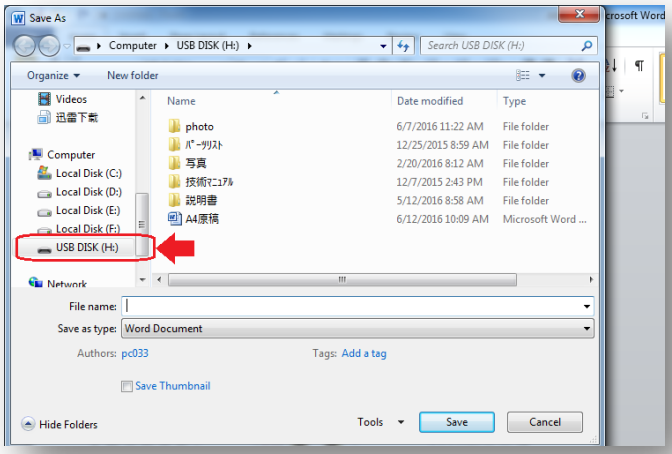
a) If it is a single page, you can print it directly. If it is a multiple page, you need to click [Current Page Number] again after clicking a). When you need to specify a page number, make the use the page number selection key (a') in the lower right corner to select the page number.

b) The paper size must be below B4 size. Select a paper size. (Sometimes there is no display)

10. Click [Print].

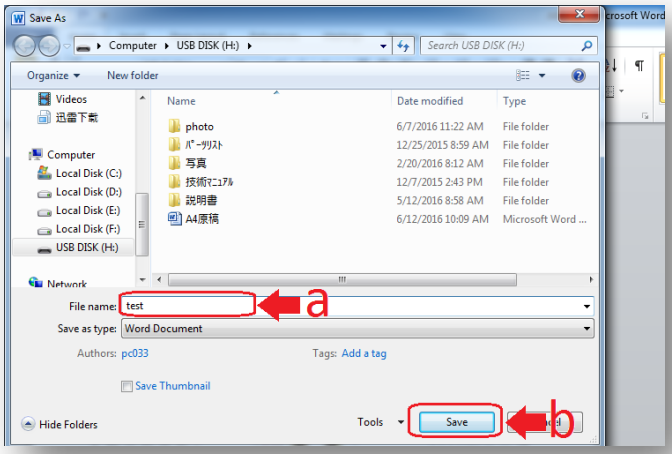


11. Click on the USB flash drive with data saved.



12.a) Enter a file name, and b) Click [OK].

File name requirements: [half-width English letters/numbers]. The digital duplicator can display at most 7 digits. If the first 7 digits are the same, you will not be able to distinguish , so please pay attention when entering the name.



Printing method of data in U flash disk

1. Turn on the power of the all-in-one machine.



・If there is a fault message, please troubleshoot it first.

2. Insert the USB flash drive with the printed data into the digital duplicator.

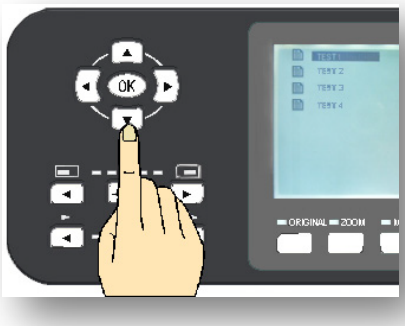


Cheak Parts and functions of each part of the machine (page 25)

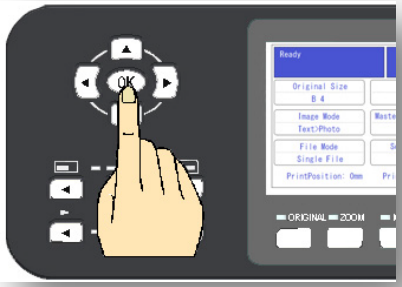
3. The data in the USB flash drive will be displayed.



4. The color of the selected file will change. Use [▼] [▲] to scroll and select.

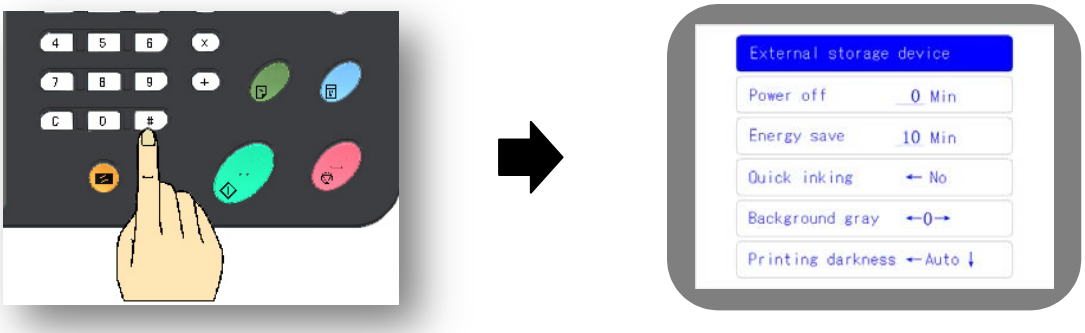


5. Press the [OK] key to start plate making.

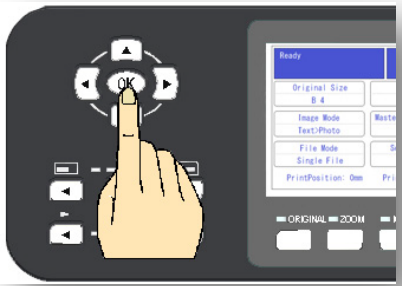


Display screen has no display after inserting U flash disk

1. Press the [#] key in the number field to enter the setting screen.



2. Press the [OK] key and it will be displayed.



In order to prevent data loss, please pay attention to backup the data in the U disk.

Printing failure may occur due to computer reasons, improper data setting and saving status, etc.

Common faults

Some faults will be illustrated.

When machine is failed or in bad condition, deal with according to the following contents.

- Power supply can not be connected 125
- There is white line in the top-bottom direction (longitudinal direction) of printing paper 125
- Incomplete printing 125
- Splotch on the front end of printing paper 125
- Overall background color of printing paper is darker 126
- Fuzzy printin 126
- Incomplete printing on two ends of printing paper (left and right) 127
- Totally no printing words 127
- Printing splotch 127
- Lighter printing words 128
- Darker printing words 128
- Contents on rear printing ends run over 129
- Frequent paper delivery jam 130
- Frequent paper discharge jam faul 130
- Frequent faults of paper winded on drum 131
- Scratches on front ends of printing paper 132
- Frequent display of master unloading faults 132
- Frequent master loading faul 133

Common faults in computer data printing

- When [Offline] is displayed 133
- Unsuccessful network connection 133
- Unsuccessful USB power cord connection and printing 133
- Deviation of printing result and actual data 133
- File name in U flash disk can not be displayed on digital duplicator 133

Troubleshooting guide

- Left paper jam 134
- Middle paper jam 135
- Right paper jam 136
- Master unloading faults 137



If faults conditions can not be improved or occur frequently, please contact agents and after-sales department as quick as possible.

Power supply cannot be connected.



・Is the power cord connected?

・Is the power plug plugged into the socket?

・Is the socket energized?

Cheak Installation method of power cord (page 32)

There is white line in the top-bottom direction (Longitudinal direction) of printing paper JR-2370S/2361S

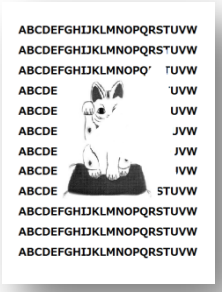


・Are there any stains in the scanning department?

Opening the scanning cover is the scanning part.

Cheak Parts and functions of each part of the machine (page 23)

Incomplete printing (The item is not recorded if printing is not uniform)



・Is there any stain on the glass scan (original)?

JR-5360S

Cheak Installation method of originals (page 37)

・Is there any foreign matter stuck on the drum?

Please confirm the surface condition of the drum. If there are foreign objects between the waxed paper and the drum,please attach them. Take off the wax paper on the roller.

Cheak Manually remove the wax paper from the surface of the drum (page 137)

Splotch on the front end of printing paper



・Are there any stains on the glass scanning table (original) and the original cover?

Cheak Installation method of originals (page 37)

・Do a lot of printing at once?

Waxed paper is very thin. Waxed paper is easy to be damaged when printing continuously and in large quantities.When printing in large quantities, please reprint the plate halfway.

・Adjust the printing position to the left and right too much?

Cheak Adjustment of printing position/left and right direction (page 49)

Overall background color of printing paper is darker



・Is the manuscript recycled paper or newspaper?

Cheak ☛ Remove background color (page 57)
Change of original mode (page 59)

・Have you made any settings changes?

Cheak ☛ Remove background color (page 57)

・Is the temperature in the use environment too low?

If the outside air temperature is low, the light of the light source lamp will be dimmed, so that the printed content as a whole will be dimmed.

Cheak ☛ About the usage environment (page 17)

Fuzzy printing

・Have you not used the machine for a long time?

If the machine is not used for a long time, there is a lot of ink on the surface of the drum. Continue printing if you brush, it will gradually return to normal.

・Did you use an ink that has been stored for a long time?



If the ink is left for too long, the ink components will be separated, which will affect the printing quality.

Cheak ☛ Notices for use of ink (page 79)

・Is the setting wrong?

The set mode is different from the original, which will affect the printing quality.

Cheak ☛ Adjustmet of printing concentration (page 52)

・Is there any quality problem with the paper?

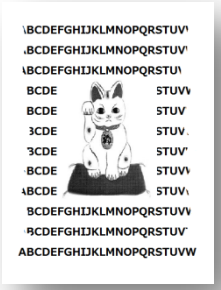
Paper made of recycled paper, grass paper, high-gloss paper and other materials will appear ink seepage phenomenon.

Cheak ☛ On printing paper (page 18)

・Is there more dust on printing paper?

In the printing process, this phenomenon will be caused when paper dust sticks to the surface of wax paper. Please make a new plate.

Incomplete printing on two ends of printing paper (left and right)



・Is there wax paper or printing paper wrapped on the pressure roller (below the drum)?

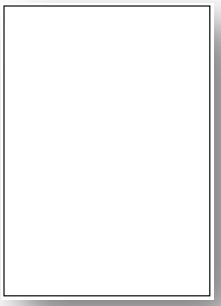
Just below the roller is the pressure roller. Please take off the roller for confirmation.

Cheak (☛) Method of taking out and mounting drum (page 86) Cleaning (page 139)

・Are the machines and rollers not used for a long time?

If it is not used for a long time, the ink on the roller is dry, and it is difficult to supply new ink.

Totally no printing words



・Is there any printing paper on the surface of the drum?

Please confirm the surface condition of the drum. If there are foreign objects between the drum and wax paper, please remove them manually waxed paper.

Cheak (☛) Manually remove the wax paper from the surface of the drum (page 137)

・Is the installation method of wax paper correct?

If the installation direction of wax paper and the position of wax paper release lever are incorrect, normal printing will not be possible.

Cheak (☛) Installation method of master paper (page 80)

Uneven printing



・Machines and rollers have not been used for a long time?

If you don't use the machine for a long time, the ink on the roller is dry and it is difficult to supply new ink. If you continue printing, it will gradually return to normal.

・Print multiple originals and print fewer copies?

If you print directly after plate making, there will be uneven printing. Please try printing several times. Until the printing is normal.

・Is there wax paper or printing paper wrapped on the pressure roller (below the drum)?

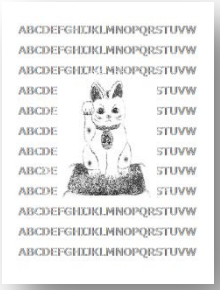
Just below the roller is the pressure roller. Please take off the roller for confirmation.

Cheak (☛) Method of taking out and mounting drum (page 86)
Cleaning (page 139)

Lighter printing words

・Is the machine used in a low temperature environment?

If the temperature is low, the ink will be affected by the temperature and the printing will be light.Please adjust the printing pressure, choose a slightly thicker plate-making mode and re-plate.



Cheak (☛) Adjustment of printing concentration (page 52)
Adjustment of printing pressure (page 55)

If the temperature is too low, even if you choose a slightly thick plate making mode, the printing effect may not be good divide into ideals.

.

・Is the plate-making mode improperly selected?

If you choose picture, text/picture mode, the printing effect will be lighter than the actual manuscript.

Cheak (☛) Change of original mode (page 59)

・Are you using ink saving mode?

Please switch to standard mode and make a new version.

Cheak (☛) About ink saving mode (page 73)

・Machines and rollers have not been used for a long time?

If you don't use the machine for a long time, the ink on the roller is dry and it is difficult to supply new ink . If you continue printing, it will gradually return to normal.

Darker printing effect

・Is the machine used in a high temperature environment?

If the temperature is high, the ink will be affected by the temperature and the printing will be thicker. Please adjust the printing pressure, choose a slightly lighter plate-making mode and re-plate.



Cheak (☛) Adjustment of printing concentration (page 52)
Adjustment of printing pressure (page 55)

If the temperature is too high, even if you choose a slightly lighter plate-making mode, the printing effect may not be very good ideal.

・Is the plate-making mode improperly selected?

If the text mode is selected for plate making, the printing effect will be stronger than the actual manuscript.

Cheak (☛) Change of original mode (page 59)

・Is the machine stopped because the printing paper roll is on the drum?

If there is a phenomenon that the printing paper roll is on the drum, it is easy to appear ink leakage.Please confirm the trial printing effect. If it is not good, please make a new plate.

Cheak ☛ On original (page 17)
On page margin (page 19)
Adjust printing position (page 48)
Printing concentration adjustment (page 52)
Photo original, color original (page 59)
Scaling of the original (page 61)

・Did you use an ink that has been stored for a long time?

If it is left for too long, the oil in the ink will penetrate into the printing paper, which will cause the overall printing effect to be concentrated. Please pay attention to the storage period and inventory of ink.

Contents on rear printing ends run over

・Is the manuscript used too large?
If there is more content at the back end of the printed paper, it will affect the paper discharge or cause poor printing. Wait for questions. Please make some adjustments to reduce the original/forward before printing. Adjust the printing position/speed/height of the supporting board.



Cheak ☛ On original (page 17)
On page margin (page 19)
Adjust printing position (page 48)
Printing speed adjustment (page 51)
Scaling of the original (page 61)

・Are you using special paper?

If colored paper (art paper/high gloss paper) is used, the ink is not easy to dry, and it is easy to appear bad printing.

Cheak ☛ On printing paper (page 18)

Frequent paper delivery jam



・Is the paper feed pressure/separation pressure appropriate?

Cheak Setting of paper feed pressure/paper separation pressure (page 33/34)

・Are you printing on both sides?

Printed paper will affect the paper feeding due to ink and static electricity. Please put the paper rinted on one side in a flat place to dry.

・Improper use of paper?

Paper with creases and bends should be corrected manually before being put on the paper feeding table. Especially [postcards] should be tidied up before they are placed.

・Is the paper pick-up wheel (consumable) worn?

If it is worn, please replace it as soon as possible.

Frequent paper discharge jam fault



・Are you printing on both sides?

Printed paper will affect the paper feeding due to ink and static electricity. Please put the paper printed on one side in a flat place to dry.

・Improper use of paper?

Paper with creases and bends should be corrected manually before being put on the paper feeding table. Especially [postcards] should be tidied up before they are placed.

・Is the paper discharge side in a place with strong light/direct sunlight?

A light sensor is installed on the paper discharge side. If the sensor receives external light, the machine will act incorrectly.

・Is there any printing paper (foreign matter) rolled on the pressure roller under the drum?

Please remove the drum for confirmation.

Cheak How to remove and install the drum (page 86)

・Is the paper receiving table installed properly?

If the width of the front baffle/guide plate of the paper receiving table is not adjusted properly,the discharged paper will collide with the front baffle/guide plate.

Cheak Installation method of paper receiving table (page 36)

・Is there wind near the paper receiving table?

When the paper is discharged at high speed, even if there is a slight wind, a paper jam prompt may be displayed.

・Are there any stains on the sensor?



You can see the paper jam sensor after opening the waste pape box on the paper discharge side. On three belts. A paper jam sensor is installed between the middle belt and the right belt in the, where the hole is slightly larger than the periphery, and below this hole is the sensor.
Please clean the sensor with a soft cloth or paper towel.

Frequent faults of paper winded on drum



・Is the paper feeding pressure appropriate?

Cheak Setting of paper feeding pressure (page 33)

・Are you printing on both sides?

Printed paper will affect the paper feeding due to ink and static electricity. Please put the paper printed on one side in a flat place to dry.

・Does the printing paper meet the requirements?

Please don't use paper that is too thin and soft.

Cheak On printing paper (page 18)

・Are there margins? (Is the original size too large?)

Please pay special attention to the margin problem. When the manuscript is too large, please use the function of reducing the manuscript to make a plate. Due to the different settings of the machine,the printed content may move forward as a whole, resulting in the narrowing of the front margin.

Cheak On originals (page 17)
On page margin (page 19)
Adjust printing position (page 48)
Scaling of the original (page 61)

・There are too many bold words in the whole manuscript?

Even if there are enough margins, if there are too many bold words in the manuscript, or if there are photos in the manuscript, it is easy to see the paper roll on the drum. Before printing this kind of manuscript, please lighten the plate-making density and replace the thick paper.

Cheak Adjustment of printing concentration (page 52)

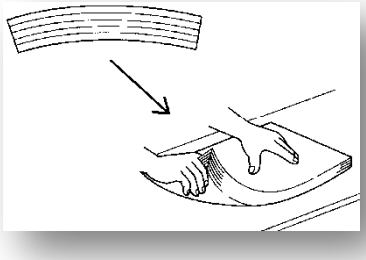
Scratches on front ends of printing paper

・Does the printed paper meet the requirements?

Too thick paper and paper with bad cutting surface do not meet the requirements.

Cheak On printing paper (page 18)

・Is the printed paper bent?



When the paper is deformed, especially when it is bent downward, it is easy to scratch the front end of the paper. therefore, please try to correct the paper before placing it.

・Is the friction plate (consumable) worn?

If worn, please replace it as soon as possible.

Frequent display of master unloading faults

(Masters have been successfully unloaded, the machine stops due to misoperation)

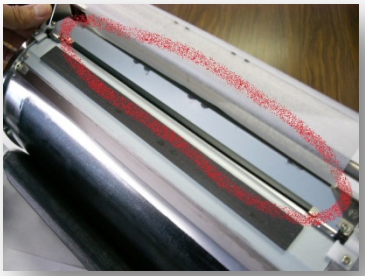


・Have the machines and rollers not been used for a long time?

If it is not used for a long time, the ink will stick the wax paper to the roller, and when the plate is unloaded, Not easy to remove.

Cheak Manually remove the wax paper on the surface of the drum. (page 137)

・Is there any ink or oil stain on the pressing strip of the drum?



If there are stains, it will affect the unloading or lead to misoperation. Manual removal wax paper on the surface of the drum, and then clean the paper pressing strip.

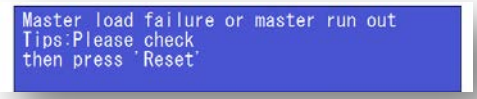
Cheak Manually remove the wax paper on the surface of the drum (page 137)

・Is there any wax paper stuck in the waste paper box and the installation part of the waste paper box?

Remove the waste paper box and confirm the specific situation on the waste paper box/machine side.

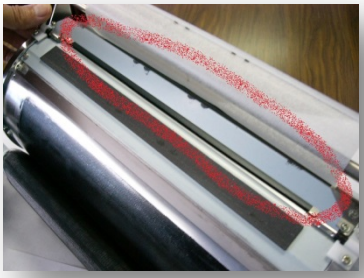
Cheak Treatment of waste master paper (page 84)

Frequent master loading fault



・Is there any ink or oil stain on the pressing strip of the drum?

If there are stains, it will affect the unloading or lead to misoperation. Manual removal wax paper on the surface of the drum, and then clean the paper pressing strip.



Cheak Manually remove the wax paper on the surface of the drum (page 137)

・Remove the wax paper installed on the machine and confirm the bending condition of the wax paper?

Waxed paper is very thin and greatly influenced by the preservation environment. If there is wax paper in stock, please change the wax paper to confirm the last edition when there are frequent failures in the last edition.

Cheak Installation method of master paper (page 80)

Common faults in computer data printing

・When printing, [Offline] is displayed, and printing cannot be performed.

The setting of all-in-one machine is [Off-line setting]. Click [Start] → [Devices and Printers], double-click the all-in-one [RDPrinter 3.2] displayed on the computer, and click [Printer (P)] in the upper left corner to change the state of all-in-one to [Printer Online Use (U)]. This will remove the offline setting.

・The network connection was unsuccessful.

The IP address of the printer may have changed. Confirm the IP address again according to the operation sequence on page 104 of this book.

・Printing of USB power cord connection failed.

There are multiple USB jacks on the computer side. Change the jack for confirmation. (change USB jack)

・The printed result is deviated from the actual data.

The all-in-one driver is set incorrectly. Refer to page 101 of this book.
(Please selec 300×300 dots per inch)

・When using the U disk printing function, the file name cannot be displayed on the all-in-one machine.

When saving to the USB flash drive, did you use unreadable characters or exceeded the specified number of characters (the maximum number of half-width characters is 7)?

Common faults treatment method

Left paper jam Display



i) Lower the paper feeding table.

・The feed table lifting button is in the feed table operation department. Press button to lower the paper feed table.



ii) Clear the paper jam.

・When the paper is not fed forward too much, pull it out directly. If the paper is fed into the inner side, please pull it out from above the pick-up wheel or from the left and right sides.



iii) Arrange the paper feeding table.

When the paper jam cannot be cleared, press the [Drum Rotation Button] to rotate drum, take out the paper.



Cheak Parts and functions of each part of the machine (page 25)

Cheak Paper jam on paper feed side (page 130)

Middle paper jam



i) Press the wastepaper box switch button to open the wastepaper box.



ii) Press the [Drum Rotation Button] to slowly rotate the drum and take out the paper.



When the drum rotates, the paper discharge belt will also rotate. Please pay attention!

iii) Keep pressing the [Drum Rotation Button] until a slight [Bump! !] sound. The roller will stop automatically when it reaches its position.



iv) Close the waste paper box.

Even if there is no paper on the surface of the drum, it is sometimes necessary to pull out thedrum.



Cheak Method of taking out and mounting drum (page 86)

Cheak Parts and functions of each part of the machine (page 26)

Cheak Frequent failures of paper rolls on the drum (page 131)

Right paper jam



i) Press the wastepaper box switch button to open the wastepaper box.



ii) Press the [Drum Rotation Button] to slowly rotate the drum and take out the paper.

When the drum rotates, the paper discharge belt will also rotate. Please pay attention!



iii) Keep pressing the [Drum Rotation Button] until a slight [Bump! ！] of Noise. The roller will stop automatically when it reaches its position.

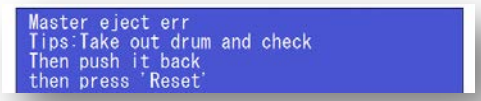
iv) Close the waste paper box.



Cheak Parts and functions of each part of the machine (page 25)

Cheak Frequent paper discharge and paper jam (page 130)

Master unloading faults



i) Open the front door.



・·Please open the front cover after the machine stops running.

ii) Pull up the roller mounting handle to unlock it.

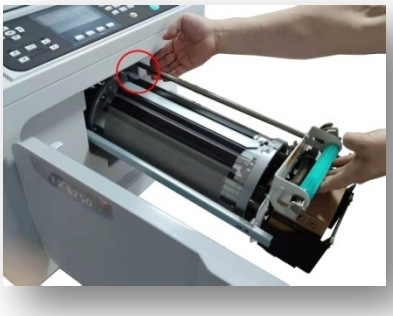


iii) Pull out the roller.



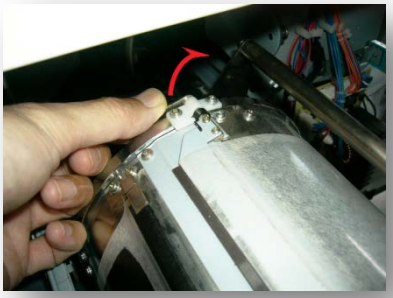
・Please pull out the drum slowly. In the final position, it will be blocked by the brake.

iv) Use the hanging handle to open the pressure paper.

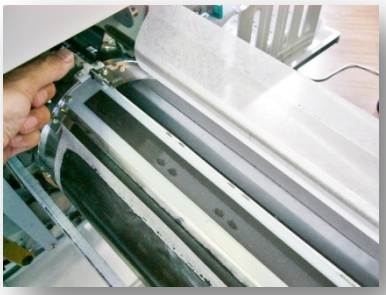


a) The hanging head handle is on the inner side of the drum.

b) Pull up the handle of the hanging head, and open the pressure paper.

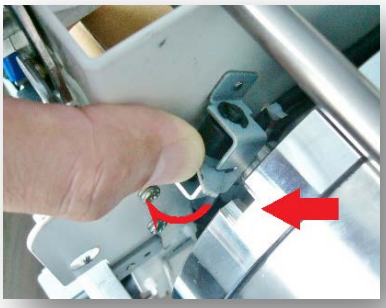


v) Take out the wax paper from above the paper pressing strip.



There are also cases where waxed paper automatically tilts up.

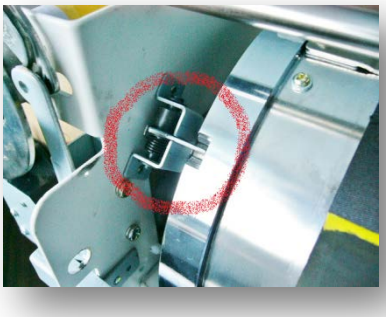
vi) Untie the handle of the drum and turn the drum slightly to the left.



vii) Take out the wax paper while rotating the drum.



viii) Turn the roller to the locking position of the roller handle.



ix) Install the rollers in reverse order.

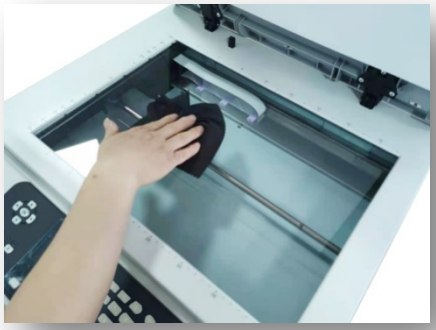


Cheak Method of taking out and mounting drum (page 86)

Simple maintenance

In order to use the machine comfortably, customers can operate simple cleaning work by themselves. Be sure to cut off the power supply when operating.

Cleaning of scanning platen glass



Tip:

- The scanning platen glass is a high-precision part, so hard objects should be avoided from hitting or scratching.
- Please wipe with a soft cloth or toilet paper.

Cleaning of scanning platen cover plate



- Please wipe with a soft cloth or toilet paper.

Cleaning of printing roller



Tip:

- Please take out the roller unit before cleaning the printing roller;
- Ink may remain near the printing cylinder, so please pay attention to avoid it dirty hands or clothes.

Cleaning of shell



Wipe the whole machine gently with a soft cloth regularly to prevent the casing from getting dirty.

warn

Before cleaning, please turn off the power switch and unplug the power plug, otherwise it will lead to fire or short circuit;

When cleaning, do not pour water or detergent into the machine. If it does, please contact the dealer immediately.

point out

Please use soft cloth, water and neutral solvent to remove dust. Do not use alcohol or organic solvent,otherwise the shell will be discolored or damaged.

Appendix

Thank you for purchasing this printing machine. If you encounter the following problems during use, please contact the corresponding department.

The machines produced by our company will ensure the normal supply of spare parts and consumables for the machines within 5 years after production suspension!

Ordering of consumables and disposal information of waste consumables

If you need to order consumables, please contact your dealer.
When disposing of waste ink cartridges, stencil cores and discharged stencil, please follow the regulations of local communities. Or contact the dealer to recycle it to our company for further processing.

Note

1. It is recommended to use the products designated by our company for ink and plate paper;

2. Please store consumables such as ink and printing paper.

   ・Do not store consumables in the following locations:

   ・A place where the sun shines directly or a bright place near a window.

   ・A place where the temperature changes sharply.

   ・An extremely hot and humid place or an extremely cold and dry place.

Ink treatment

Note

1. If the ink you use is not the recommended type, it may fail;
2. Please put the ink out of children's reach;
3. Please keep the ink in a cool, dry place, not in a place where it is heated or exposed to direct sunlight;
4. When changing ink, please be careful to avoid getting dirty clothes or hands;
5. When handling the used ink cartridge, please re-cover the ink cover to prevent the ink from splashing;
6. If you accidentally let the ink splash into your eyes, please wash it with plenty of water immediately.If you still feel unwell, please seek medical treatment immediately.

Name or content of toxic and harmful substances or elements in theproduct

Pollution control mark of electronic informationproducts	Component name		Toxic and harmful substances or elements					
			Pb	Hg	Cd	Cr(VI)	PBB	PBDE
	Local	Shell	○	○	○	○	○	○
		Assembly substrate	×	○	○	○	○	○
		Chassis, shaft,	×	○	○	○	○	○
	Power cord		○	○	○	○	○	○
	CD-ROM		○	○	○	○	○	○
	Printing ink		○	○	○	○	○	○
	Plate paper		○	○	○	○	○	○

○：It means that the content of the toxic and harmful substances in all homogeneous materials of the component is below the Limit requirements stipulated in the standard of GB/T26572-2011 " Requirements of concentration limits for certain restricted substances in electrical and electronic products ".

×： It means that the content of the toxic and harmful substances in at least one homogeneous material of he component exceeds the limit requirements stipulated in GB/T26572-2011 " Requirements of concentration limits for certain restricted substances in electrical and electronic products"

Pollution control signs of electronic information products:

- This sign is suitable for electronic information products sold in People's Republic of China (PRC). The arrow indicates that the product is an electronic information product that can be recycled, and the numbers in the circle.Indicates the environmental protection service life of the product.

- As long as the precautions for the safety or use of this product are observed, it will not cause serious pollution to the environment or cause serious damage to people and property within the specified period from the date of manufacture.

Technical speifications

	JR-5360S	JR-2370S	JR-2361S
Operation mode	Scanner Mobile Scanning, Thermal Master Making, Memory Print, A3 Scan, B4 Print	Original dynamic scan ning.Thermal Master Making, Memory Print, A3 Scan, B4 Print	Original dynamic sca nning, Thermal Master Making, Memory Print
Operator Interface	4.2" LCD panel	3.6" LCD panel	
Original Type	Sheet, Book(≤10KG) Two in One	Sheet, Two in One	
Image Mode	Text、Picture、Picture > Text、Text > Picture、Newspaper、Screen、Pencil	Text、Picture、Picture&Text、 Text&Picture、Newspaper	
(min/max) Original Mode	Min:50mmx90mm Max:310mmx432mm	Min:90mmx140mm Max:297mmx420mm	
(max) Printing Area	252mmx360mm		
(min/max） Paper Size	Min:90mmx140mm Max:297mmx420mm		
First Copy Time	19S (A4 vertical)		
Resolution	300dpix600dpi		300dpix400dpi
Zoom Ratio	Reduction: 71%、81%、87%、94%; Enlargement: 115%、122%、141%; Free Zoom: 50-200%（1% increment）		
(min/max) Paper Weight	40g/m^2-157g/m^2	40g/m^2-128g/m^2	
Paper Feeding Capacity	1000 sheets(60g/m^2)		
Paper Receiving Capacity	1200 sheets(60g/m^2)		
Printing Speed	Five Steps Variable: 55/70/85/120/140PPM	Five Steps Variable: 55/70/85/105/130PPM	
Printing position adjustment	Horizontal：±10mm Vertical：±10mm		
Master Making Density	Ligtest、Lighter、Standard、Darker、Darkest		
Scan Density	Ligtest、Lighter、Standard、Darker、Darkest		
Master Ejection Box Capacity	40 Sheets		
Ink Supply	Automatically, 600ml/bottle		
Master Supply	Automatically, 90m/roll		
Power Supply	220V, 50HZ, 2A		
Power Rating	120W		

Paper Feed Module	Double Roller Feeding	
Weight	NW: 75KG/GW: 97KG	NW: 68KG/GW: 90KG
Dimension (LxWxH)	Storage: 660mmx620mmx610mm Using: 1320mmx620mmx610mm	Storage: 660mmx620mmx530mm Using: 1320mmx620mmx530mm
Other Function	PC-connected printing, U-disc master making, Ink-saving mode, Pencil Mode, Newspaper Mode, Screen mode, Book shadow erasure, Programmed printing, Code mode,Consumable used-out reminder, Auto checking the original, Engergy-saving function,Backgrounclig adjustment, The original scanning adjustment, Master length adjustment,	PC-connected printing, Ink-saving mode, Pencil Mode, Newspaper Mode, Programmed printing, Code mode, Consumable used-out reminder, Engergy-saving function,
Optional Function	Network Printng, Automatically turn off, Automatic priting pressure regulation	U-disc master making, Automatically turn off, Automatic priting pressure regulation
Options	Sorter, Color Drum	



This product is subject to change without prior notice.

Thank you for using the equipment produced by our company! This manual contains detailed instructions and precautions on how to operate and use this equipment. In order for you to use this equipment safely, long-term and efficiently, please read this manual carefully before using it!

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Fax: 0574-88232058
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