

Digital T-Shirt Printer

Manual

Note:

Don't move airframe of printer over a distance.

For a safe transportation ,we install two setscrews on the back side of machine .You must remove the two screws ,otherwise ,it will damage components of machine.

1.Remove this two setscrews on the flatbed.

2.For your reference ,please see the 3rd page.

Warning :You must remove two setscrews on the flatbed before power on.

Warning: You must remove two setscrews on the flatbed before power on.

Contents

Product Illustrations	01
Safety Instructions	02
Ink Perfusion	05
Ink Feed Program/ Power Cleaning	10
Install The Driver Software OfThe Printer	12
Settings OfDriver Software	13
How To Use The Set Photoshop	17
How To Use And Install The Rip Software	19
Pushbutton, Indicating Lamp And Inform Ation Introduction.....	29
Control Panel.....	30
Head Control Panel.....	38
Selectype Settings	42
Problem Solver Troubleshooting	47

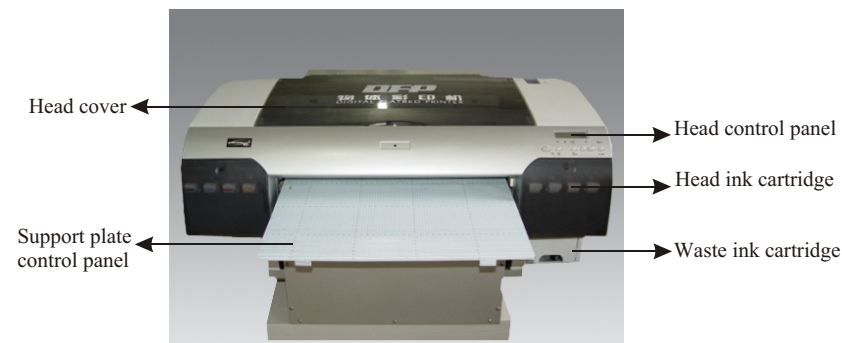
explanation

Some pictures and words of this instruction come from EPSON

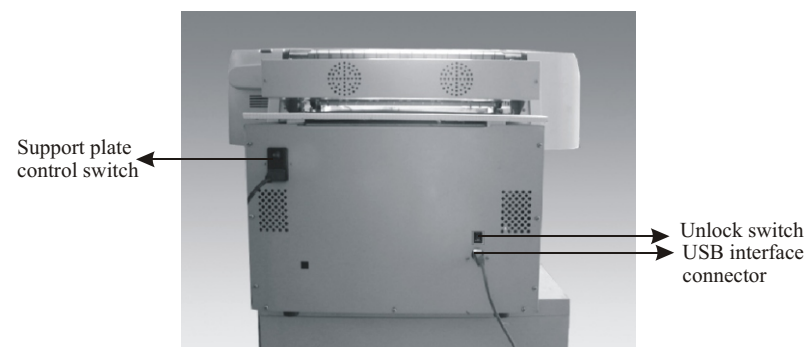
The trademark of EPSON and Photoshop in the instruction is owned by corresponding
copyright owner and patentee


■ Product illustrations

Front view



Rear view



Unlock Switch: If printer head doesn't move up or down at lowest position. User can turn on "Unlock Switch", then press "  (Lifting Button) " on Control Panel, after 5 seconds, turn off "Unlock Switch" .

Note: Prohibit Press "Unlock Switch" if machine works well ,otherwise, our company will not assume any repair responsibility incurred.

■ Safety instructions

Please read the instructions below before using the product. follow all warnings and instructions marked on the product.

Warning, Caution and Note



Warning

must strictly follow the instruction to prevent equipment damage.



Caution

must strictly follow the instruction to prevent personal injury.

Note: including important information and useful instruction for operation.

Placement instructions

Place the product horizontally without any obstacle within 1m front and behind. Any slant will affect its normal work.

Avoid placing it at any place where temperature or moisture is easy to change acutely. Prevent it from direct sunshine, bright light and heat source.

Avoid placing it at any place where concussion or shake is easy to occur.

Place it at a place where it is close to the socket to facilitate plugging out.

Mounting instructions

Only power type marked on the product label is applicable.

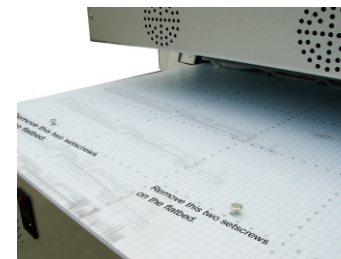
Only power cord attached to the printer is applicable; otherwise a fire or electric shock will possibly occur.

Attached power cord is only applicable for the product. Use with any other equipment will possibly incur a fire or electric shock.

Do not use damaged or split power cord.

Do not block or cover the opening on the case.

(6.Don't move airframe of printer over a distance.



Note:

Don't move airframe of printer over a distance.

For a safe transportation ,we install two setscrews on the back side of machine .You must remove the two screws ,otherwise ,it will damage components of machine.

1.Remove this two setscrews on the flatbed.

2.For your reference ,please see the 3rd page.

Warning :You must remove two setscrews on the flatbed before power on.

Warning: You must remove two setscrews on the flatbed before power on.



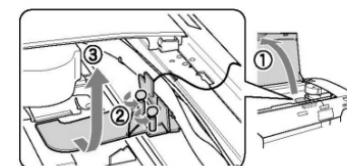
Caution

Do not shake the mounted ink cartridge

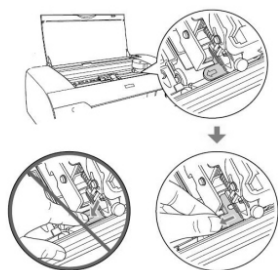
Check and verification

Open the packing and check the article list.

Remove the protective material. Remove the nozzle protective material. Open the cover, unscrew two screws and pull the fixed plate out.



You must unlock the printing head by pulling out the green slice on the left side.



Connect the power cord

Check the label at the back to ensure the required voltage conforms to your socket voltage.

Make sure the power cord is correct.

Connect the power cord to the power socket at the back.

Plug two plugs into the socket of correct grounding.



Caution

Do not use time switch or other switch to control the power. Unexpected power interruption will possibly damage the printer.

Ink perfusion



Warning

Place the ink cartridge at a place where children are out of reach and do not drink the ink.

Place the ink cartridge at a place where it is shady and cool.

In case the ink splashes onto the skin, wash with soap and clean water. If unexpected eye contact occurs, wash with clean water immediately. If it still does not go better, please go to your hospital.

To achieve a better effect and to prevent nozzle block, please use up the ink within 3 months after the initial use.

When the indicating lamp is flickering, it indicates that the ink storage is low and it needs to replace it. If the lamp is on all the while, it indicates the ink is used up and the empty cartridge needs to be replaced. Meanwhile, the LCD displays INK LOW or INK OUT.

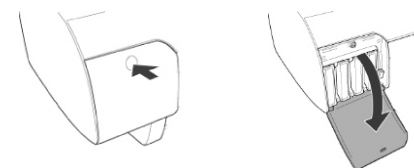
Note: the printer cannot work even if there is only one ink cartridge becomes empty.

Follow the steps below to replace an ink cartridge.

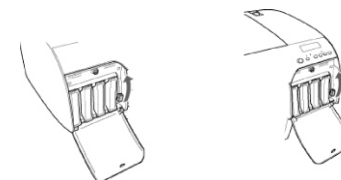
Caution: please do not remove the old ink cartridge before preparing the new one.

1. Make sure the printer is turned on. Find out the cartridge to be replaced according to the status of the indicating lamp.

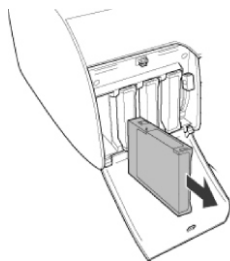
2. Push the ink cabin cap and open the cabin.



3. Move the lever lock to the unlocking position.

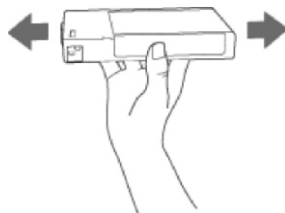


4. Pull out the empty ink cartridge carefully.



Caution: do not shake (mounted) ink cartridge.

5. Make sure the new ink cartridge is of the right color and unpack it. Shake it slightly before mounting to get better printing effect.



Note:

A protective system is mounted to prevent plugging-in of wrong cartridge. If the cartridge cannot be plugged, its type is possibly wrong. Check its package and number.

5. The two different configuration

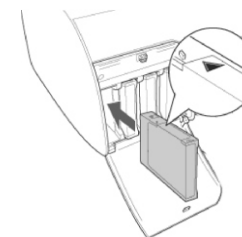
Ink bag of 110ml



Cartridge of 220ml

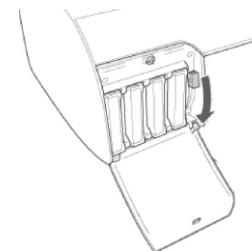


6. Hold the cartridge with the surface of arrowhead up. The arrowhead points to the printer back and completely plug the cartridge into the slot. Do not push it further with hand.



Note: if the indicating lamp is on all the while, it indicates that the ink cartridge is incorrectly mounted. Take it out and plug it again.

7. Set the lever lock downward to the safe position.



Note: if the cartridge is mounted into wrong slot, the LCD displays NO INK CARTRIDGE.

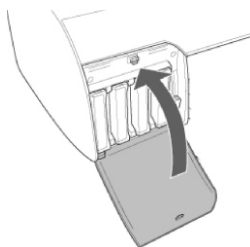
Make sure it is mounted into the correct slot.

8. Shut the cabin cover. The printer is reset.

Note: if the cartridge is mounted into wrong slot, the LCD displays NO INK CARTRIDGE.

Make sure it is mounted into the correct slot.

8.Shut the cabin cover. The printer is reset.



Change maintenance tank

If the LCD displays MNT TNK FULL or MNT TK NEAR FULL, please change the maintenance tank.

See Consumables to check the product number of maintenance tank.

Follow the steps below to change maintenance tank.

1.Only for EPSON Stylus Pro 4880:

If you are using 110ml ink cartridge, take away 4 cartridges from the correct cabin. Make sure the cover is shut after taking out the cartridges.

2.Unpack the new maintenance tank.

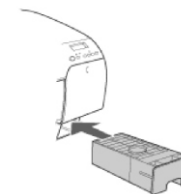
3.Put your hand on the handle at the lower right cabin and pull slightly out the maintenance tank.



4.Put the used maintenance tank into the provided plastic bag.

Note: do not slant the maintenance tank till it is put into the sealed plastic bag.

5.Completely plug the new tank into the printer.



Connect the printer to the computer.

Apply embedded USB interface.

You need a standard shielded USB cable and follow the steps below.

Note:

Application of inappropriate cable will possibly incur unstable connection.

1.Make sure both printer and computer are shut off.

2.Connect USB cable to USB interface.

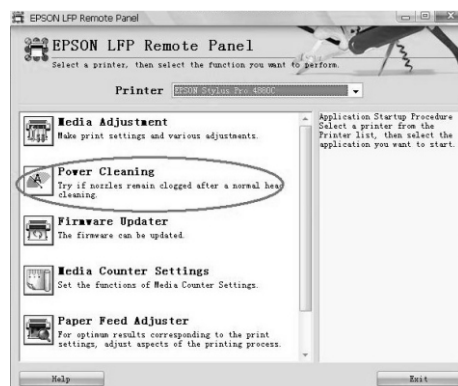
3.Plug the other end of cable into the computer's USB interface connector.

■ Ink feed program/ POWER Cleaning

1. Choose EPSON LFP Remote Panel(U) from Application Tool



2. Choose EPSON Stylus Pro 7880 from printer Options, Then choose POWER Cleaning. Then Choose EPSON Stylus Pro 7880, Press Power Cleaning. Then Choose OK



3. When the LCD of the printer appear RAISE RIGHT INK LEVERS, please lift up the INK LEVERS of right side , then appear RAISE LEFT INK LEVERS, lift up the INK LEVERS of left side. Continue POWER Cleaning



4. When the LCD of the printer appear LOWER RIGHT INK LEVERS, Press down the INK LEVERS, When appear LOWER LEFT INK LEVERS, press down the INK LEVERS. Continue POWER Cleaning
 5. In the process, Will appear the same prompt 2-3 times, repeat it.
 6. When appeared EPSON Stylus Pro 4880(copy1) or EPSON stylus Pro 4880 (copy2) please choose right Options
 7. It will consume a large amount of ink in the POWER cleaning process. So please take caution except the first time

■ Install the driver software of the printer

Refer to the following steps for software installation:For
Windows users

Caution:

Stop anti-virus program before installation.

- 1.Make sure the anti-virus program is stopped.
- 2.Put the attached CD into the disc driver.
- 3.Select your language if a language selection window appears.
- 4.Click Continue.
- 5.Choose your printer (EPSON 4880).
- 6.Click Install and initiate the installation.
- 7.Follow the instructions displayed.

Note:

In the installation process, if any Windows logo test information is displayed, click

Still Continue to go on with the installation.

- 8.Select “EPSON 4880” as the default printer.

■ Settings Of Driver Software

The printer software which comes with your printer includes a printer driver and printer utilities:

Printer Driver

EPSON Status Monitor 3

EPSON LFP Remote Panel

- 1.Click Printer and fax or Printer File.

From Windows XP:

Click Start, click Control Panel, click Printers and Other Hardware, and then click Printers and Faxes.

From Windows Vista:

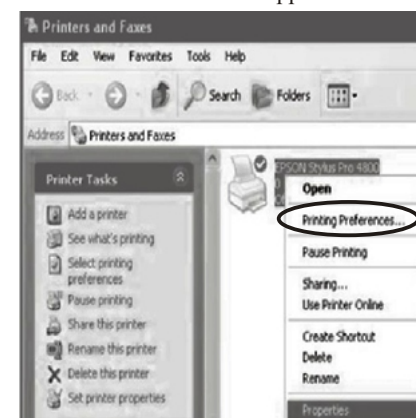
Click Start, click Control Panel, Other Hardware and Voice, and then click Printers .

From Windows2000:

Click Start, point to Settings, and then select Printers.

Right-click your printer icon, and click Printing Preferences. The printer software window appears.

2. Right click the Main tab. The Main menu appears



Making Advanced setting

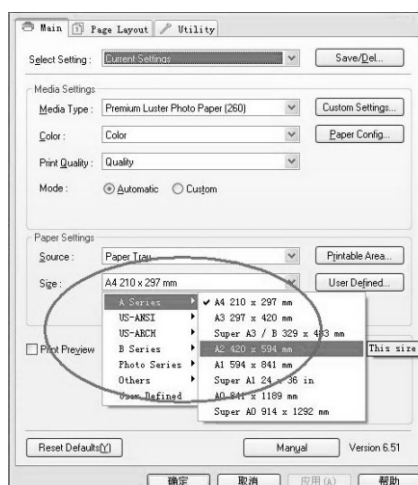
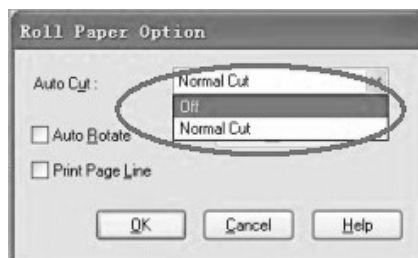
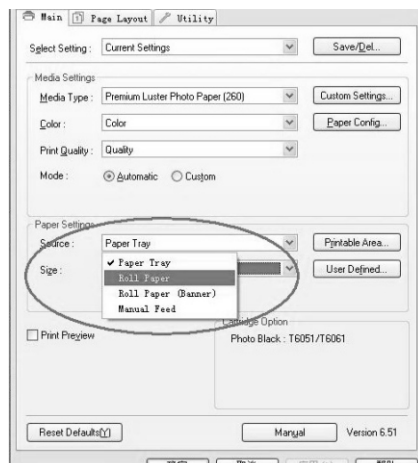
- 1.Please refer to Media Type (19th page.)

- 2.Color Control :Colorful

- 3.Printing Quality: Choose “Quality” to 1440 x 720dpi
Choose “Best Quality” to2880x1440dpi

Please refer to the following illustration:

Note : To reach the best printing result ,please choose “5” item. And at the same time ,please choose both “Brink Flatness” and “Detail Swell” .

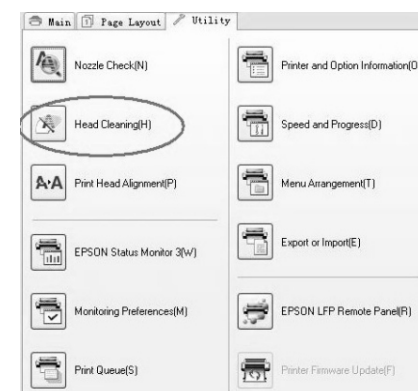


EPSON StatusMonitor

This utility provides you with printer status information, such as the amount of remaining ink.

Nozzle Check

This utility checks the print head nozzles for clogging. Check the nozzles when you notice the print quality has declined and after cleaning to confirm that the print head nozzles have been cleared. See Checking the print head nozzles. If you click Auto in the Nozzle Check dialog, or turn on AUTO CLEANING from the control panel on the printer, this utility not only checks the clogging nozzles, but also performs



head cleaning (H)

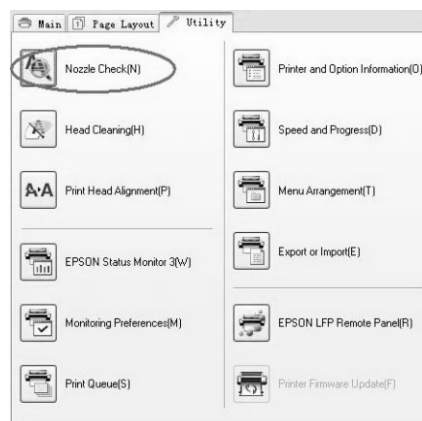
If the printing quality turn bad, you may need head cleaning.

If the designs is vague or the designs lost ink dot, you can cleaning the printer head. It will help you deal with these problems

The following is how to operate head cleaning

Please don't use head cleaning when the printer is working.

You'd better use Nozzle check to check if there is the need to cleaning the printer head as the process will consume a large amount of ink



If the indicator light which shows the end of ink lights. Don't cleaning the printer head. Change the cartridge or use the decoder reset the data of the cartridge chip
Please see the replacement cartridges

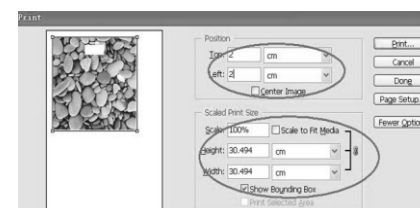
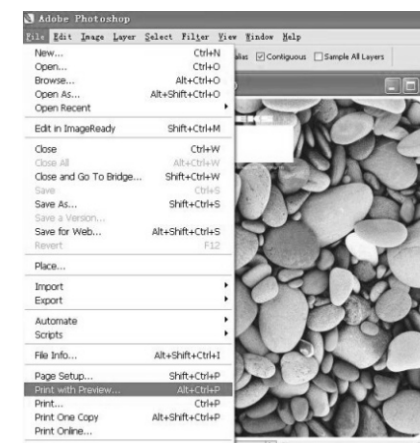
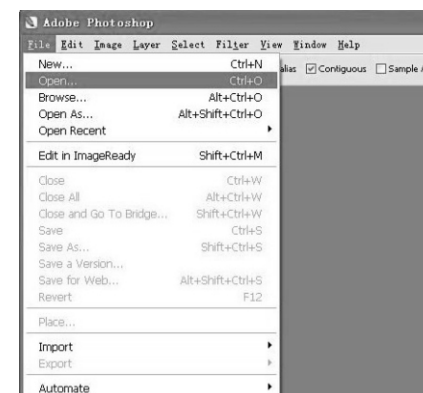
1. Make sure the printer is turn on
- 2.
- 3.
- 4.

Print Head Alignment

This utility can be used to improve the print quality of your printed data. The alignment of the print head may need to be adjusted if vertical lines appear out of alignment or if white or black banding noise appear in your printed data. Use this utility to realign the print head. See Aligning the print head. Uninstalling the printer driver, follow the steps below.

■ How to use the set PHOTOSHOP

Please use Photoshop to print if your ink is 8 colored ink



Then choose print, If you use default resolution press OK to start printing directly. If you want to change resolution press property, then appear the following Options



Setting your resolution

■ How to use and install the RIP software

You should choose RIP software to print if your ink is 4 colored ink and white ink

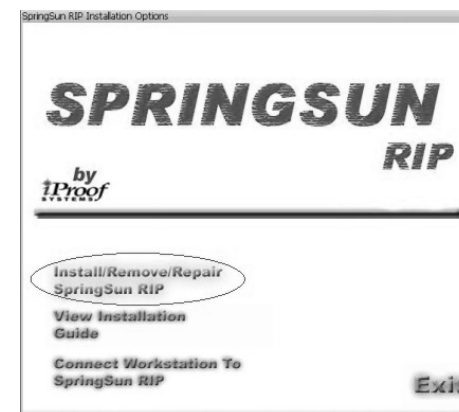
Install RIP software

If your ink is white ink you must use RIP software. The following is how to install it.

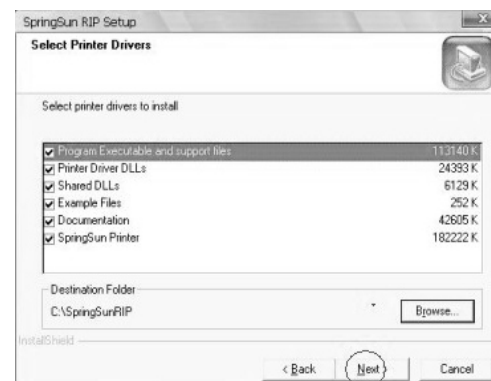
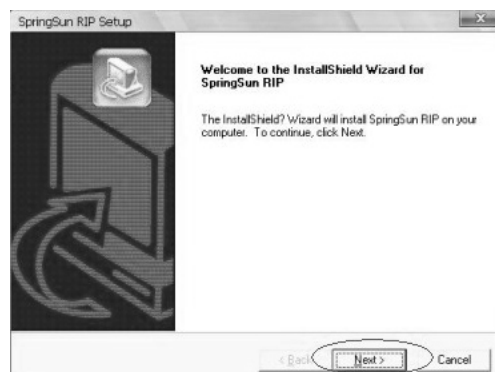
Open The CD of RIP software. Choose setup.exe

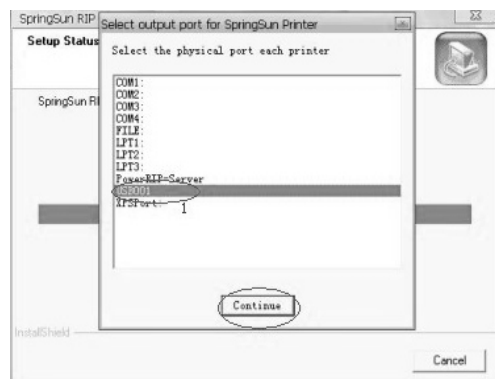


Then install/remove/repair springsunrip



Then according the following prompt continue to install RIP





2.Registration of RIP

Click restart computer to finish the installment of RIP, Then open RIP.

Register as the following



Then appeared the following interface



Then according the user code to register it on the following website

[Http://www.iproofsystems.com/powerripserver/serveractivatSPRSN.htm](http://www.iproofsystems.com/powerripserver/serveractivatSPRSN.htm)

SPRINGSUN RIP

To validate SpringSun RIP please follow these 3 steps.

1. From the SpringSun RIP program click on **Configure** then click on **Validate Program**. At this point, you will be presented with a User Code and prompted for an Activation Code. To get the Activation Code do step 2.
2. Enter your **Product Code** enclosed in your software and **User Code** from the RIP program into the fields below. You will be presented with an **Activation Code**.
3. This Activation Code should then be entered into the Activation Code field of the RIP program.

ALL codes are CASE sensitive.

Please enter your Product Code:

Please enter your User Code:

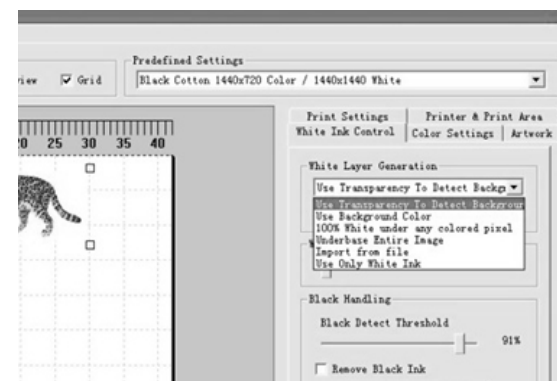
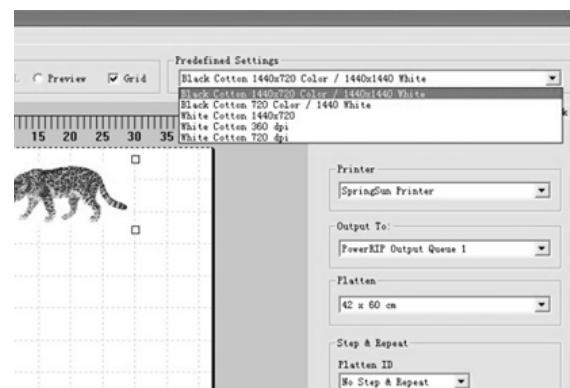
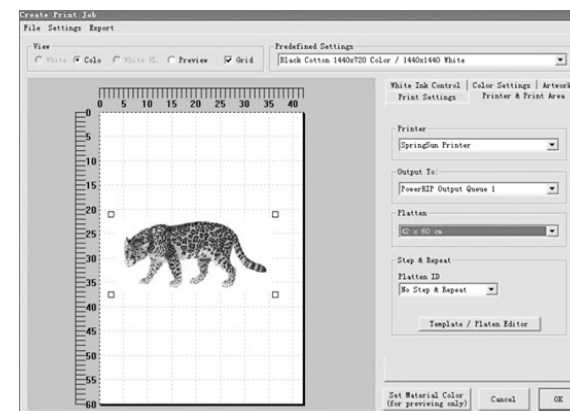
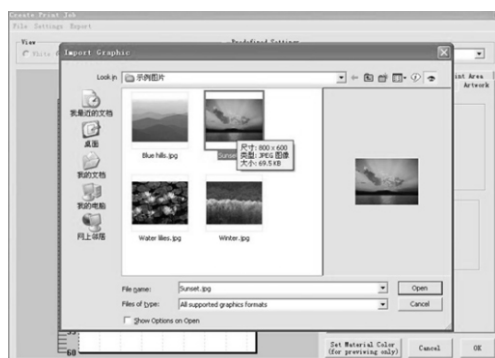
Do not click "submit" more than one time.

Then enter your product code in the box. Enter the user code appeared on the computer in the following box. click submit will turn to the following interface

```
Product Code - FSPRXKIO1
User Code - 
Removal Code - Not Available
Activation Code - 
Maximum number of installations allowed - 3
Remaining number of installations left- 0
```

Enter Activation Code to your computer to finish the registration

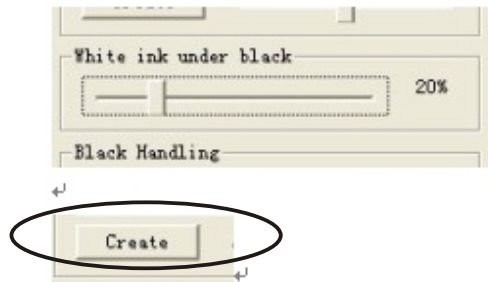
3.How to use RIP



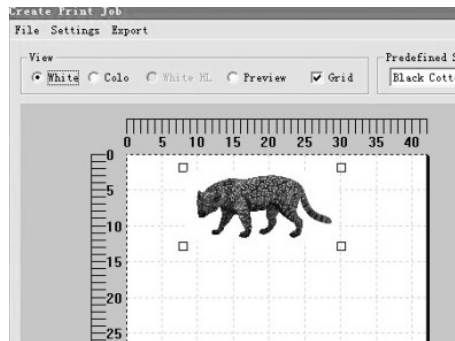
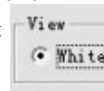
When you print on black T-shirt, There are 4 options of software conversion.



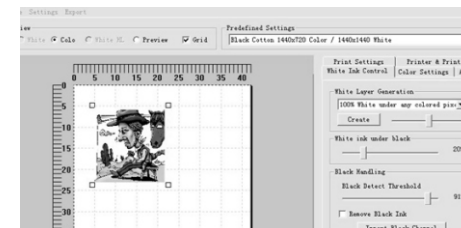
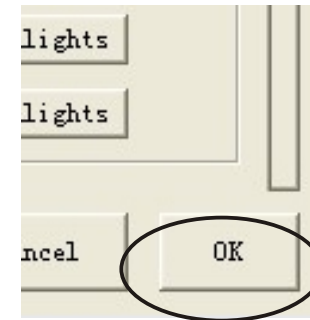
How to choose the options depends on the pictures



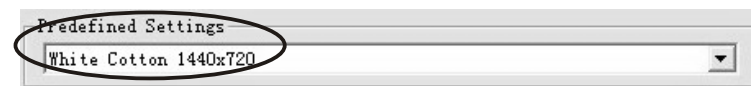
Click create, Rip will separate the picture into white picture and color picture as the following, click "white" you can see white picture as following. The black color of the picture will be printed white. And the white color of the picture will be not printed.

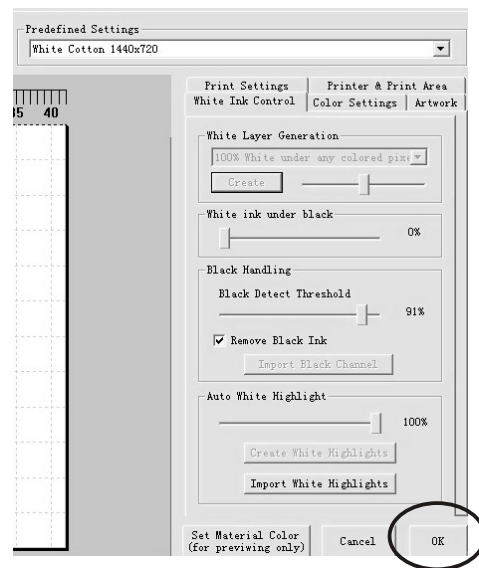


Click OK to start printing

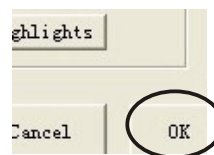


The following is the method of printing white T-shirt Just need choose

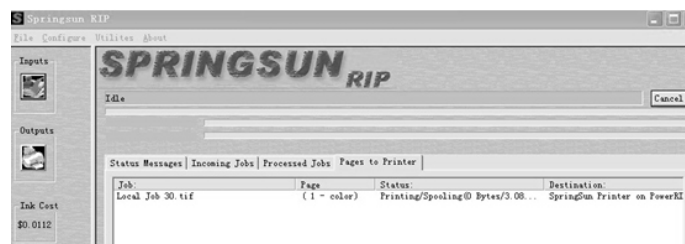




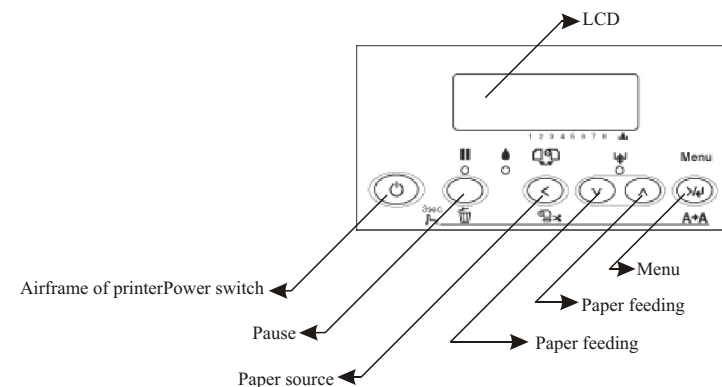
the picture then click OK



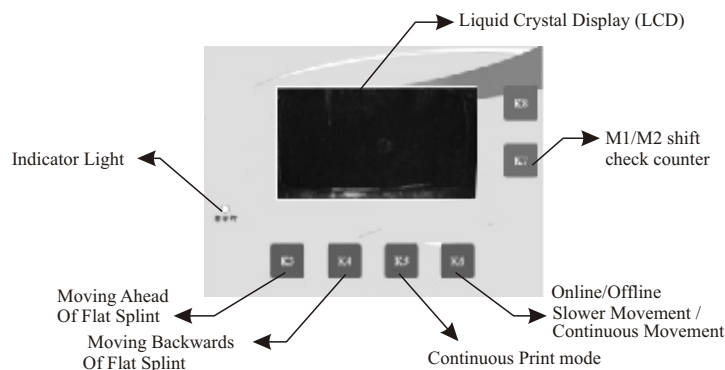
to start printing directly



■ Pushbutton, indicating lamp and information introduction



■ Control panel



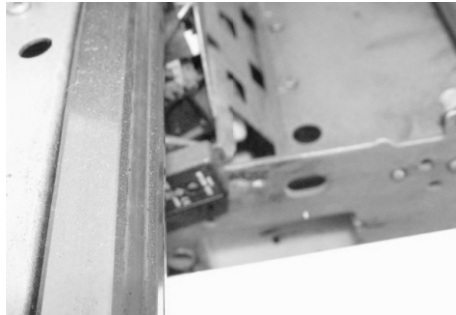
(Please first turn on “General Power” on the back side of machine, afterwards turn on “Power button \odot ” on the control panel).After five seconds or so ,the printer flatbed printer will automatically move to the limiting forefront and the “Ico of forward button in LCD will become “ \rightarrow ”,then you can startup machine.When you find “Ready” on the display of printer ,it means it is working .)

After 20 seconds or so when it is connect the power ,brief description of the control panel is for user as follows:

- K1 corresponding \uparrow it means head of machine up.
 K2 corresponding \downarrow it means head of machine down(the height of flat will be seen in the middle of screen)
 K3 corresponding \leftarrow you press it and flat moves towards left
 K4 corresponding \rightarrow you press it and flat moves towards right
 K5 corresponding “SE”, you press it and printer can work continuously
 K6 (\square online/ \square offline) it means a change between online and offline .when you turn on machine it is offline , you must choose online before printing. You must press k4 and you will see flat moving the most right. When machine enters into continuous printing mode, k6 becomes a key of changing between Slower Movement and Continuous Movement.
 K7 corresponding \square .it means the setup of the height. \square Means keeping the present flat height(pressing K7 is ok). \square means adjusting the recorded height(pressing K8 is ok) \square means returning(pressing K6 is ok).
 (1) you press it and printer can work continuously. you can use M1 and M2.
 Choosing M1, machine can print only one copy every time.
 Choosing M2, machine can print continuously. Pressing K8, you can choose time interval and then press K5 again, flat moves to the most front automatically and begins to count down. Now it is ok.
 (2) when you see \square , you can check counter.
 K8 (1) corresponding \oplus , it means adjusting height of flat. Generally using it after machine is transported or moved.
 (2)you press “TON” one time , time interval will increase one grade which means 5 seconds, grade 20 is the highest .when it is grade 20 and you press it again ,it will become zero. when it is zero , flat will not move back automatically, you must move flat to the printing position by hands. Machine will print the next automatically (the type of paper should be A2+) you can set the time interval according to the reality. You had better think of the time of flat's moving and laying objects.

Counter: It appears 1time from counter as long as user click “Print”.When it add up 10,000 times , it is prompt by control panel for information “ Warranty Term has been finished “(Refer to Warranty Card).Counter of printer will stop working automatically as long as account is 65,000.
 Check Counter : Press “K8” , “ OK” will be appeared on Control Panel.
 Press “K7” ,user will see account of printing times .

There are two sensors of checking the height from the printing head to the product, when the power is on the sensors will light red. It needs to prevent oil and dust. Don't touch by your hand

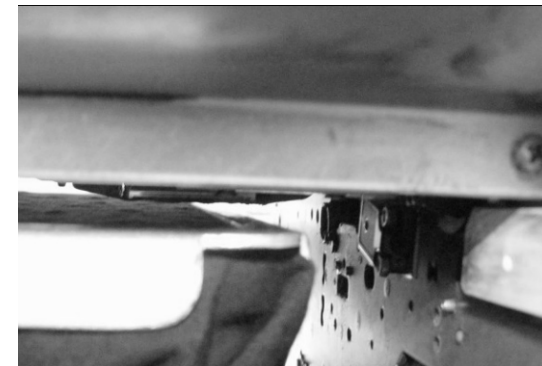


Indicator Light

Sensor of Detect Height

When the product needs to move to this location please press K2

Turn down the printing head, when it stop to turn down turn out the printing head then see the distance by eyes. the best distance is 2-4mm



Note:

- 1.Be careful not touch ink cartridge during printing.
- 2.Be careful not move printer head during order status ,otherwise ,it will damage components of printer.
- 3.Be careful not to get water on the printer mechanism or electronic components.
- 4.You should turn off “Power” right now when you find the following error status: plug and wire broken / printer attained and so on .
5. If the outer case is dirty, clean it using a soft, clean cloth dampened with mild detergent. Keep the ink compartment covers closed to prevent water from getting inside.
- 6.Please use the machine between 5℃ and 25℃ ,otherwise, the print head nozzles may become clogged(It contrapose solvent ink)..
- 7.All settings are finished before the product leaving factory. Please don’ t modify any setting.
8. Make sure that software is installed, power cord and USB cable are connected. Turn on the computer and prepare the image to be printed.
- 9.Each time when the printer is turned on, part of it is offline. Press K6 to connect.
- 10.Please choose “A2 “ from printer driver(epson 4880) and operation software(photoshop or oredraw) ,if do that ,it will be always mode of “Online” when user print something every time.
- 11.When the object to be printed is placed, press K4 to move the plate to the right end to start printing.
- 12.It is economy machine .It will be status of await orders automatically if you don’ t print anything after 5 minutes.
- 13.Press K1 or K2 to adjust the plate height to a proper printing position (normally 1~2mm from the nozzle.)
14. When the nozzle is running, any operation that will move the plate up and down is forbidden.
15. When an ink cartridge is to be replaced, make sure a new one is prepared before removing the old.
16. You can choose to remove the ink cartridge for transportation or delivery purpose. Under any circumstance, make sure the lever lock is lifted to prevent ink leakage.
17. Textile ink shall be applied for textile printing. For other materials, please use oil-based ink. We advise you to use a single type of ink for one printer in order to prevent nozzle block.Otherwise, our company will not assume any repair responsibility incurred.
- 18.Error odds 1% are that working order.

Daily Repair and Maintenance of the Machine

- 1.Repair and maintenance of the machine mainly include maintenance of the print nozzle and the print nozzle humidifier, and meanwhile, appropriate cleaning of the printer machine, to ensure lubrication of the mechanical parts, and appropriateness of the circuit.
- 2.Required goods: purified or distilled water (do not use mineral water or tap water as such water contains impurities that may block the print nozzle), absorbent cotton swab or clean soft cloth (note: do not use such cloth with falling-off fibers), syringe, flexible hose, special cleaner for print nozzle, and lubricant.
- 3.Note:cleaner may corrode print nozzle and the print nozzle humidifier, as well as other parts, to a certain extent; use them with caution;do not use them too much. Rub or clean out them after use. A machine with aqueous textile ink does not need alcohol. User have to clean printer head nozzle with sepcial cleaning agent we offer if machine is textile flatbed printer .

Print nozzle:

- 1.Do not touch the outlet of the print nozzle. In general, when ink is placed in the machine for a short period, degeneration (such as hardening) will not occur in the ink; therefore, it is not necessary to take out the ink box.
- 2.There is residual ink in the print nozzle after it is used; even if the machine is not used, it shall be run at some time each day, to prevent that the ink is dry and then blocks the print nozzle. However, if the machine will not be used for a long time, it is necessary to take out the ink box and to clean the print nozzle. In this way, it may prevent the ink from degeneration, thus to ensure the service life of the print nozzle.
- 3.The best way to clean the print nozzle is to complete cleaning by using the software-controlled print nozzle-cleaning procedure. Especially after addition of ink, it is bound to clean the print nozzle, to prevent solidification due to mixing of the two doses of ink. Moreover, if strip-like patches or discoloration occurs in printing with decreased printing quality, it is also necessary to clean the print nozzle. After completion of cleaning, the machine may be turned on after making sure that no liquid enters the circuit.

Print nozzle Humidifier (Ink-absorbing Unit)

Maintenance of the print nozzle humidifier (ink-absorbing unit) it to delay aging or hardening of the washer and the glue-sealing edge due to prolonged etching of ink, and to reduce effects of debris on various moving parts. The basic method is to clean off ink and dust debris in them, and to maintain elasticity of the sealed edges. The machine must be turned off during cleaning.

1. For the humidifier with decreased ink-absorbing performance due to prolonged use, restore its performance to a certain extent through the following method: Take out the washer, rinse ink and dust debris in it, immediately rinse it clean with purified or distilled water, and then dip it with purified or distilled water for more than 2 h. It is intended to allow the washer absorb a certain amount of water, thus restoring its elasticity to a certain extent, to increase tightness to the print nozzle. Avoid dipping it with alcohol or other solvents.

2. It may help stability of the machine to often clean internal dust of the printer. It may impact printing if there is debris in the grating strip and the grating disc of the printhead; it may be rubbed with absorbent cotton swab or clean cloth dipped with water other than alcohol. Rub the enclosure of the machine with dry cloth or slightly wet cloth, to prevent liquid to enter the machine, leading to damage of the machine. Do not touch the internal gear, to prevent damage, displacement, or distortion of it. The belt of the printhead may be loosened due to prolonged use, leading to errors (commonly 10001D) or unusual sounds; dismount the left enclosure.

of the machine, and then adjust its tensioning screws. Clear waste ink pool in time.

Prior to active operation, make sure that the machine is dry, to prevent short circuit. In short to do the following steps well, it may allow the machine to work better:

21. Clean the printhead, and use several times per week; start the machine each day.

It is intended to wet the print nozzle, to prevent dry ink from blocking the print nozzle.

22. If possible, blow the inside of the machine with compressed air once at least per week to remove dust. During removing dust, take care for protection of the print nozzle, ink box, ink pool, and humidifier, to prevent dust.

23. Take care for indication of the signal light in the panel of the machine. In case Of indication of a serious error, immediately turn off the machine, and contact our company or a maintenance man.

24. After completion of use each day, make sure that the printhead is completely reset (the very right side), and allow the ink pool lever at the open position (the very upper side); after completion of use, close the machine according the common procedure, and turn off the power. Then, conduct maintenance of the print nozzle and the

humidifier according to the above instruction.

25. Do not allow the ink to be used up. The ink even with a uncommonly-used color shall be fitted; if the ink of a single color is of large printing amount, please print some diagrams with rich colors in printing a certain amount of it, to facilitate stability of ink output of the print nozzle.

26. The machine may continue working; however, to ensure its service life and stability, please turned off the power and stop a time after a 3-hour work.

27. Take care for stability of the environment and electricity supply. Carefully read the instruction, and store it well.

■ Head control panel

Buttons, Lights, and Messages

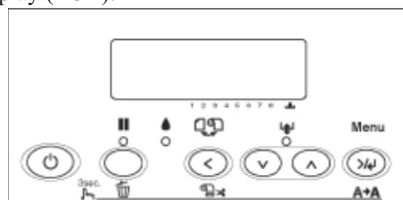
Buttons

Lights

Combination of buttons

Messages

The control panel of the printer consists of 6 buttons, 3 lights, and a 32-character liquid crystal display (LCD).



Buttons

This section describes the functions of the buttons on the control panel.

Button		Description
1	Power button	Turns the printer on or off.
2	Pause button	Stops printing temporarily. Restarts printing if pressed when printer is in the pause mode. Clears print data in the printer memory if pressed and held for 3 seconds. Returns the printer from the SelecType menus to READY status.
3	Paper Source button	Selects a paper source (Roll with automatic cutting on /Roll with automatic cutting off /Sheet) Cuts the roll paper automatically after printing if pressed and held for 3 seconds when is selected. Returns to the previous menu when pressed in SelecType mode.
4	Paper Feed button	Feeds paper forward. Ejects cut-sheet paper when Sheet is selected as the paper source. Feeds the roll paper before cutting it when is selected as the paper source. Loads a sheet from the paper tray to the printing position if is selected as the paper source. Changes parameters in forward order in SelecType mode.








5	Paper Feed button	Feeds as much paper in reverse as has been fed forward using the Paper Feed button Note: If you have fed paper forward by hand, you cannot feed the paper in reverse using this button. Loads a sheet from the paper tray to the printing position if is selected as the paper source. Changes parameters in reverse order in SelecType mode.
6	Menu button	Displays the SelecType menus. Displays the PRINT STATUS MENU if pressed during printing. Selects menus in forward order if pressed in SelecType mode. Sets the selected parameter for the selected item in SelecType mode. Executes the selected menu option. Cleans the print head if pressed and held for 3 seconds.

Lights

This section describes the functions of the lights on the control panel.



The lights let you know the status of the printer and the type of error, if one occurs.

Light		Description
	Pause light (green)	On: The printer is in pause mode. Flashing: The printer is printing. The printer is cleaning the print head. The printer is drying ink on the printed paper. Off: The printer is ready to print data.
8	Ink check light (red)	On: Installed ink cartridge(s) are empty. Installed ink cartridge(s) cannot be used with this printer. The maintenance tank is full. Flashing: Installed ink cartridge(s) are nearly empty. The maintenance tank is nearly full.

9	<p>Paper check light (red)</p> 	<p>On:</p> <p>No paper is loaded in the paper tray when  is selected as the paper source.</p> <p>Roll paper is out when  is selected as the paper source.</p> <p>The selected paper source ( /  / ) does not match the paper source in the printer driver.</p> <p>The paper lever is in the released position.</p> <p>The loaded paper is too thick for head cleaning.</p> <p>Flashing:</p> <p>Paper is jammed.</p> <p>Paper is not cut correctly after the print job when  is selected as the paper source.</p> <p>Paper is not loaded straight.</p> <p>Paper is not detected.</p> <p>A cut sheet is not ejected correctly.</p>
---	--	--

Combination of buttons

This section describes the functions available when multiple buttons are pressed at the same time.

Buttons	Function
1. Power button 	If the printer is turned on while you are pressing and holding the Pause button, the printer enters Maintenance Mode.
2. Pause button 	

Messages

This section describes the meaning of messages displayed on the LCD.

The messages are either status messages or error messages. For error messages, see An error has occurred.

Message	Description
READY	The printer is ready to print.
PRINTING	The printer is processing data.

PLEASE WAIT	Wait until READY appears.
PAUSE	The printer is paused.
PRESS PAUSE BUTTON	Press the Pause button.
CUTTING	The printer is cutting the printout.
CHARGING INK	The printer is charging the ink delivery system.
RESET	The printer is being reset.
F/W UPDATING	The printer is updating the Firmware.
UPDATE COMPLETE	The printer has completed update of the Firmware.
POWER OFF	The printer is being turned off.
CLEANING	The printer is cleaning the ink tubes.

■ SelecType Settings

When to use SelecType

SelecType menu list

Basic SelecType setting procedure

Details of SelecType

Checking the print head nozzles

Aligning the print head

Making the paper settings

Printing a status sheet

Setting the alert value of the paper

When to use SelecType

The SelecType mode enables you to make printer settings similar to those you would normally make in the driver or software, as well as other additional settings directly through the control panel.

Note:

1. Some applications may send commands to the printer that override the SelecType settings. If you are not getting the results you expect, check your application's settings.

2. To see the current SelecType settings, print a status sheet.

SelecType menu list

Menu	Item	Parameter
PRINTER SETUP	ROLL COUNTER or SHEET COUNTER	-
	PLATEN GAP	NARROW, STANDARD, WIDE, WIDER, WIDEST
	PAGE LINE	ON, OFF
	INTERFACE	AUTO, USB, IEEE1394, OPTION
	CODE PAGE	PC437, Pc850
	PAPER MARGIN	T/B15 mm, T/B25 mm, 15 mm, 3 mm
	PPR SIZE CHK	ON, OFF

PRINTER SETUP	PPR ALIGN CHK	ON, OFF
	TIME OUT	OFF, 30SEC, 60SEC, 180SEC, 300SEC
	CUTTER Addition	EXEC
	REFRESH MRGN	ON, OFF
	SHEET SIZE CK	ON, OFF
	AUTO NZL CK	OFF, ON
	AUTO CLEANING	ON, OFF
	QUIET CUT	OFF, ON
	INIT SETTINGS	EXEC
TEST PRINT	NOZZLE CHECK	PRINT
	STATUS CHECK	PRINT
	JOB INFO	PRINT
	CUSTOM PAPER	PRINT
PRINTER STATUS	VERSION	Axxxxx
	PRINTABLE PG	MK (or PK) xxxxxxxPG
		C xxxxxxxPG
		M xxxxxxxPG
		Y xxxxxxxPG
		LK xxxxxxxPG
		LC xxxxxxxPG
		LM xxxxxxxPG
		LLK xxxxxxxPG

PRINTER STATUS	INK LEFT	MK (or PK) E*****F, E*****F, E***F, E**F, E*F, nn%
		C E*****F, E*****F, E***F, E**F, E*F, nn%
		M E*****F, E*****F, E***F, E**F, E*F, nn%
		Y E*****F, E*****F, E***F, E**F, E*F, nn%
		LK E*****F, E*****F, E***F, E**F, E*F, nn%
		LC E*****F, E*****F, E***F, E**F, E*F, nn%
		LM E*****F, E*****F, E***F, E**F, E*F, nn%
		LLK E*****F, E*****F, E***F, E**F, E*F, nn%
	MAINT TANK	E*****F, E*****F, E***F, E**F, E*F, nn%, 0%
	USAGE COUNT	INK xxxxxx. xml
		PPR xxxxxx. xcm
	USE COUNT	CLR INK EXEC
		PAPER EXEC
	JOB HISTORY	Number 0-No. 9
	JOB HSTRY CLR	EXEC
	TOTAL PRINTS	nnnnnn
	SERVICE LIFE	CUTTER E*****F, E*****F, E***F, E**F, E*F, EF
		CR MOTOR E*****F, E*****F, E***F, E**F, E*F, EF
		PF MOTOR E*****F, E*****F, E***F, E**F, E*F, EF
		HEAD UNIT E*****F, E*****F, E***F, E**F, E*F, EF
		CLEANING UNIT E*****F, E*****F, E***F, E**F, E*F, EF

CUSTOM PAPER	PAPER NUMBER	STANDARD, No. 1-10
	PLATEN GAP	NARROW, STANDARD, WIDE, WIDER
	THICKNESS PAT	PRINT
	THICKNESS NUM	1 - 16
	CUT METHOD	STANDARD; THIN PAPER; THICK,FAST; THICK,SLOW
	PPR FEED Addition	-0.70% - 0.70%
	EJECT ROLLER	AUTO, SHEET, ROLL CURLED, ROLL NORMAL
	DRYING TIME	0.0 SEC- 10.0 SEC
	SUCTION	STANDARD, -1, -2, -3, -4
	M/W Addition	STANDARD, 1, 2
MAINT ENANCE	CUTTER REPL	EXEC
	BK INK CHANGE	EXEC
	PWR CLEANING	Y, N
	CLOCK SETTING	YY/MM/DD HH:MM MM/DD/YY HH:MM
HEAD ALIGNMENT	PAPER THKNS	STD, 0.1 mm - 1.5 mm
	ALIGNMENT	AUTO, MANUAL
CUTTER REPLACE	EXEC	-

Basic SelecType setting procedure

This section describes how to enter the SelecType mode and make settings with the buttons on the control panel.

Note:

Press the Pause button whenever you want to exit SelecType mode and return the printer to READY status.

Press the Paper Source button to return to the previous step.

1. Enter the SelecType mode

Make sure that READY appears on the LCD, and then press the Menu button. The first menu appears on the LCD.

2. Select a menu

Press the Paper Feed or Paper Feed button to select a desired menu.

3. Set the menu

Press the Menu button to set the selected menu. The first item appears on the LCD.

4. Select an item

Press the Paper Feed or Paper Feed button to select a desired item.

5. Set the item

Press the Menu button to enter the selected item. The first parameter appears on the LCD.

6. Select a parameter

Press the or button to select a parameter for the selected item.

7. Set the parameter

Press the Menu button to store the selected parameter. If the parameter is for execution only, press the Menu button to execute the function for the item.

After execution, the printer exits SelecType mode and returns to the READY status.

8. Exit SelecType mode

Press the Pause button. The printer returns to READY status.

■ Problem Solver Troubleshooting

Printer stops printing unexpectedly

Head cleaning, ink charging, or ink drying is in progress

Check to see if the Pause light is flashing. If so, the printer is in the process of head cleaning, ink charging or ink drying. During head cleaning, ink charging, and ink drying, PLEASE WAIT appears on the LCD. Wait until the printer resumes printing.

An error has occurred

Many common printer problems can be identified by the messages on the LCD.

You can also check the lights on the control panel for errors. See Lights.

For other messages not included in the following table, see Messages.

Error messages

4880 code form





Error Code	Description
00000101	CR Motor life
00010000	PF Motor Encoder check error
00010001	PF Motor out of step
00010002	PF Motor over current
00010003	PF Motor in-position time-out
00010004	CR Motor Encoder check error
00010005	CR Motor out of step
00010006	CR Motor over current
00010007	CR Motor in-position time-out
00010008	Servo interrupt watchdog time-out
00010009	System interrupt watchdog time-out
0001000A	CR axis detection error
0001000C	PG axis detection error
0001000F	CR Motor PWM output faulty
00010010	PF Motor PWM output faulty
00010012	CR overload (high sensitivity) error
00010013	PR overload (high sensitivity) error
0001001B	Head driver (TG) temperature error
0001001D	CR servo parameter error

0001001E	PF servo parameter error
00010020	CSIC reed/right error
00010022	Ink type error (setting on printer body side)
00010023	RTC analysis error
00010025	CSIC ROM communication error
00010026	RTC communication error
00010028	Head error
00010029	Unidentified NMI
0001002A	CR ASIC ECU error
0001002B	PF ASIC ECU error
0001002D	Cleaning Unit work life error
0001002F	360 DPI writing time out error
00010030	Multi Sensor failure
00010031	ASF phase detection error
00010032	ASF drive switch error
00010033	Eject phase detection error
00010034	Eject movement error
00010035	Pump phase detection error
00010036	Type-B board installation error
00010037	Head thermistor error
00010038	Transistor thermistor error
00010039	PG adjustment value incorrect overwrite error
0001003A	PG adjustment value outside range error
0001003B	Cutter installation error 1
0001003C	Cutter installation error 2
0001003D	Cutter installation error 3
00020000	NVRAM error
00020002	SDRAM error
00020003	BOOT program SUM error
00020009	Flash memory SUM error
0002000A	Program load error
0002000B	Internal memory shortage error
100000E0	CPU address error (load misalignment)
10000100	CPU address error (storage misalignment)
10000180	CPU reserve command code exception error
100001A0	CPU slot illegal command exception error
100001C0	AC disruption

100005C0	CPU DMA address error
10000xxx	CPU error
0003xxxx	Debug error code
0Dxxxxxx	Debug error code
0Exxxxxx	RTC timer off error

Message	Description	What to do
UNABLE TO PRINT	An error may be occurring when you try to print patterns such as nozzle check or head alignment.	End the TEST PRINT MENU first, and solve the error displayed on the LCD. Then try to print patterns again.
MNT TK NEAR FULL	The maintenance tank is almost full.	Replace the maintenance tank with a new one. See Replacing the Maintenance Tank.
INK LOW	Ink cartridge is nearly empty.	Replacement of ink cartridge is nearly needed. Although you can continue printing in INK LOW situation, it may decline the print quality.
MNT REQ nnnn	A part used in the printer has nearly reached the end of its life. "nnnn" shows the code of the part.	Note the code and contact your dealer. See Contacting Customer Support.
REMOVE PAPER	Cleaning cannot be executed because thick paper is loaded.	Remove the thick paper, and move the paper lever to the secured position.
	The printer could not feed the printout.	Remove the printout.
NOZZLES STILL CLOGGED	The nozzles are still clogged.	Run the Head Cleaning utility. For Windows, see Cleaning the print head. For Mac OS X, see Cleaning the print head.

CHANGE PAPER TYPE	The loaded paper does not match the paper type selected.	Match the loaded paper to the paper type. See Buttons.
WRONG PAPER SIZE	The loaded paper size does not match the data size.	Match the loaded paper size to the data size.
PAPER OUT	No paper is loaded in the printer.	Load paper correctly.
	Roll paper is out while printing is in progress.	Load a new roll paper.
NO BORDERLESS WITH THIS SIZE RELOAD PAPER Note: Those messages are displayed on the LCD alternately.	A2 size cut sheet media has been installed for borderless printing.	Install a different size of cut sheet media or roll paper. See Making the Borderless setting for Windows or Performing Borderless Printing for Mac OS X.
RELOAD PAPER	The printer cannot detect the loaded cut sheet media, because it is wavy or curled.	Flatten the cut sheet media.
	The printer cannot detect the loaded paper.	Move the paper lever.
RELOAD PAPER INSERT DEEPLY	Cut sheet media inserted from the front manual feed slot is not inserted deep enough.	Insert the paper deeper. See Loading paper into the front manual feed slot.
NOT STRAIGHT RELOAD	Cut sheet media is not loaded straight, and needs to be aligned.	Load the cut sheet media correctly. See Loading cut-sheet media.
PAPER NOT STRAIGHT	The paper is not loaded straight.	Load paper straight.

PAPER NOT CUT	Paper is not cut correctly when Roll Auto Cut On  is selected.	Open the top cover and remove the uncut paper. If RELOAD PAPER appears on the LCD, reload paper.
		The paper cutter may not be installed correctly. See Replacing the Paper Cutter.
		Paper cutter may be blunt. Replace the paper cutter. See Replacing the Paper Cutter.
COMM AND ERROR	Damaged data is sent to the printer. The printer receives data with a wrong command.	Stop printing, and press the Pause button for 3 seconds.
	The installed printer driver is not correct for the printer.	Stop printing, and press the Pause button for 3 seconds. Then make sure that the installed printer driver is correct for the printer.
DRIVER INK SET SETTING IS WRONG MISMATCH ERROR Note: These messages are displayed on the LCD alternately.	The cartridge option of the printer driver has not been changed yet.	Stop printing, and then press and hold the Pause button for 3 seconds. Finally, select the correct ink cartridge in the printer driver according to the actual ink cartridge set on the printer. See Updating the printer driver information. If you want to continue printing, press the Pause button.
	Non-Epson genuine ink cartridge is installed.	Press the Pause button for 3 seconds to cancel printing. If you want to continue printing, press the Pause button.
LOAD ROLL PAPER	The roll paper is not set correctly.	Load the roll paper correctly, and select  or  . See Loading roll paper.
LOAD SHEET PAPER IN P. TRAY	The cut sheet media is not set correctly in the paper tray.	Set the cut sheet media in the paper tray correctly, and select  . See Loading cut-sheet media.
FEED SHEET PAPER	The cut sheet media needs to be loaded manually.	Load the cut sheet media

FORBIDDEN MEDIA FROM P. TRAY	Cut sheet media, which is to be loaded from the front or rear manual feed slot, is being loaded from the paper tray.	Remove the cut sheet media from the paper tray, and load it from the proper paper feed slot. See Checking the paper path.
FEED SHEET PAPER MANUALLY	The cut sheet media needs to be loaded manually.	Load the cut sheet media manually from the front or rear manual feed slot. See Checking the paper path.
TIMES REMAINING	The conversion cartridge needs to be replaced soon. (The remaining times of the conversion cartridge appears on the LCD.)	Replacement of conversion cartridge is nearly needed. Press the Pause button.
REPLACE CNVRSION CRTG	The conversion cartridge needs to be replaced.	Replace the conversion cartridge with a new one. Or, complete the replacement of the K ink by pressing the Pause button.
INK OUT	Ink cartridge is empty.	Replace the empty ink cartridge with a new one. See Replacing Ink Cartridges.
INVALID INK CRTG	Ink cartridge with the wrong product code is installed.	Remove the ink cartridge, and install the ink cartridge with the correct product code. See Consumable Products.
WRONG INK CRTG	Ink cartridge that cannot be used with this printer is installed.	Remove the ink cartridge, and install the ink cartridge that can be used with this printer. See Consumable Products.
SET INK CRTG	CSIC error has occurred.	Remove the ink cartridge and reinstall it. If this message appears after reinstalling the ink cartridge, replace it. See Replacing Ink Cartridges.
NO INK CRTG	Ink cartridge is not installed, or ink lever is raised to the released position.	Install ink cartridge, or lower the ink lever to the secured position.

MNT TNK FULL	The maintenance tank is full.	Replace the maintenance tank with a new one. See Replacing the Maintenance Tank.
LOWER INK LEVERS	Both ink levers have been raised.	Lower the ink levers.
LOWER L INK LVR	The ink lever on the left ink compartment has been raised.	Lower the ink lever on the left ink compartment.
LOWER R INK LVR	The ink lever on the right ink compartment has been raised.	Lower the ink lever on the right ink compartment.
TOP COVER OPEN	Top cover is open.	Close the top cover.
LOAD PAPER	The paper lever is in the released position.	Move the paper lever to the secured position.
SET PAPER LEVER	Paper lever is in the released position.	Move the paper lever to the secured position.
RELEASE LEVER REMOVE PAPER JAM	Paper is jammed in the printer.	Release the paper lever first. Then, open the top cover if necessary and remove the jammed paper. If TURN PRINTER PWR OFF AND THEN ON appears on the LCD, turn the printer off, leave it for a while, and then turn it on again. See Clearing paper jams.
NO MNT TNK	The maintenance tank is not set in the printer.	Install the maintenance tank.
REAR COVER OPEN	The rear cover is open.	Close the rear cover.
UPDATE FAILED	The printer failed to update the FirmWare.	Update the FirmWare again.

OPTION I/F ERROR	The installed interface cannot be used with this printer.	Remove the interface card, and install the interface card that can be used with this printer. See Options.
UNLOCK PRINT HEAD	Print head is locked.	Pull the green tab on the left side of the print head to release the print head.
SERVICE REQ nnnnnnnn	Print head is locked.	Pull the green tab on the left side of the print head to release the print head.
	A fatal error has occurred.	Turn the printer off, leave it for a while, and turn the printer on again. If this message appears on the LCD again, note the code and contact your dealer. See Contacting Customer Support.

The printer does not turn on or stay on

When the Pause light does not come on and mechanism initialization does not start even when the Power button is pressed to turn on the printer, try the following solutions for the problem.

Turn off the printer and make sure the power cord is securely plugged into the printer.

Make sure your outlet works and is not controlled by a wall switch or timer.

Make sure the supplied voltage to the printer matches the rating voltage labeled on the printer. If not, turn off the printer and unplug the power cord immediately. Contact your dealer for assistance. See Contacting Customer Support.

Caution:

If the supplied voltage and rating voltage do not match, do not plug the printer back in again, as damage may occur.

The printer prints nothing

The printer is not correctly connected to the computer

Try one or more of these solutions:

Turn off the printer and computer. Make sure the printer's interface cable is securely plugged into the correct terminal of the computer.

Make sure the interface cable specifications match the specifications for the printer and computer.

Make sure the interface cable is directly connected to the computer without passing through any device, such as a printer switching device, or extension cable.

Your Epson printer is not selected as the default printer

Install the printer driver if it is not installed yet, and follow the steps below to select your Epson printer as the default printer.

For Windows XP

Click the Start button, and Printer and Faxes.

Right-click EPSON Stylus Pro 4880.

Select Set As Default Printer, then close the window.

For Windows 2000

Click the Start button, point to Settings and select Printers.

Right-click EPSON Stylus Pro 4880 in the Printers window.

elect Set As Default, then close the Printers window.

For Mac OS X

Make sure that the printer driver Stylus Pro 4880 is correctly added to the Printer Setup Utility (for Mac OS X 10.3), and the correct one is selected in the Printer Setup Utility.

Printer port setting does not match the printer connection port (for Windows only)

To select the printer port, follow the steps below.

For Windows XP

Click Start, click Control Panel, click Printers and Other Hardware, and then click Printers and Faxes.

Right-click EPSON Stylus Pro 4880, then select Properties.

Click the Ports tab.

Make sure that your printer port is selected.

For Windows 2000

Click Start, point to Settings, and then select Printers.

Right-click EPSON Stylus Pro 4880 in the Printers window, then select Properties.

Click the Ports tab.

Make sure that your printer port is selected. Try one or more of these solutions:

Run the Head Cleaning utility. For Windows, see Cleaning the print head. For Mac OS X, see Cleaning the print head.

If the Head Cleaning utility does not work, replace the ink cartridges. See Replacing Ink Cartridges.

Printouts are not what you expected

Incorrect, garbled characters, or blank pages print

Try one or more of these solutions:

For Windows, clear any stalled print jobs from the Progress Meter. See Using the EPSON Spool Manager.

If the problem persists, turn off the printer and computer. Make sure the printer's interface cable is plugged in securely.

Incorrect margins

Try one or more of these solutions:

Check the margin settings in your application.

Make sure the margins are within the printable area of the page. See Printable area.

For Windows, check the Borderless setting in the Paper menu. Make sure they are correct for the paper size you are using. See Making Settings on the Paper Menu.

Make sure the paper set position is correct. See Using Roll Paper, or Using Cut Sheet Media.

Inverted image

For Windows, turn off the Flip Horizontal setting in the Advanced menu. See Making Advanced setting.

For Mac OS X, turn off the Flip Horizontal setting in the Advanced Settings selected in the Print Settings selected in the Print dialog. See Advanced Settings.

Printed color differs from the color on the screen

Try one or more of these solutions:

Adjust the Color Density in the Paper Configuration dialog. For Windows, see Paper Configuration. For Mac OS X, see Paper Configuration.

Make sure the media type setting matches the paper being used. Since monitors and printers produce colors differently, printed colors will not always match on screen colors perfectly.

However, the above color systems are provided to overcome color differences.

For Mac OS X, select ColorSync to color match your system in the Printer

Color Management selected in the Print dialog. See Printer Color Management. You can produce sharper images with more vivid colors.

For Windows, select PhotoEnhance in the Advanced menu. See Making Advanced setting.

For Windows, select Color Controls in the Advanced menu, and adjust color, brightness, etc. as required. See Making Advanced setting.

For Mac OS X, select Color Controls in the Printer Color Management selected in the Print dialog. See Printer Color Management.

A ruled line shifts

Perform the print head alignment. For Windows, see Aligning the print head. For Mac OS X, see Aligning the print head.

If the problem persists, perform the print head cleaning. For Windows, see Cleaning the print head. For Mac OS X, see Cleaning the print head.

Printout has smears on the bottom edge

Try one or more of these solutions:

If the paper is curled towards the printable side, flatten it or curl it slightly to the opposite side.

For Windows, if you use Epson special media, check the Media Type setting in the Main menu. See Making Settings on the Main Menu.

For Mac OS X, if you use Epson special media, check the Media Type setting in the Print Settings selected in the Print dialog. See Page Setup.

For paper other than Epson's, register and select paper thickness in the SelecType mode. Make sure it is correct for the paper you are using. See Making the paper settings.

Set the PLATEN GAP to WIDE in the PRINTER SETTING of the SelecType mode. See PRINTER SETUP.

Print Quality Could be Better

Click the caption under the illustration that best resembles your printout.



Horizontal banding



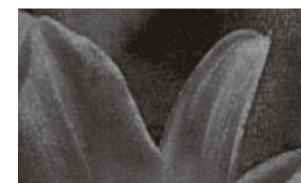
Vertical misalignment or banding



Faint printout or gaps



Faint printout or gaps



Blurry or smeared printout

If you are having print quality problems, try the solutions offered here.

Horizontal banding

Try one or more of these solutions:

For Windows, check the Media Type setting in the Main menu. Make sure it is correct for the paper you are using. See Making Settings on the Main Menu.

For Mac OS X, check the Media Type setting in the Print Settings selected in the Print dialog.

Make sure it is correct for the paper you are using, see Page Setup.

Make sure the printable side of the paper is face-up.

Run the Head Cleaning utility to clear any clogged ink nozzles. For Windows, see Cleaning the print head. For Mac OS X, see Cleaning the print head.

You can also clean the print head nozzles using the control panel. To clean the print head nozzles, press the Menu button for 3 seconds.

Check the Paper Feed value. Reduce the value to improve light banding, and increase it for dark banding. For Windows, Paper Configuration. For Mac OS X, see Paper Configuration.

Check the Ink check light. If necessary, replace ink cartridges. See Replacing Ink Cartridges.

Vertical misalignment or banding

Try one or more of these solutions:

For Windows, turn off the High Speed setting in the Advanced menu. See Making Advanced setting.

For Mac OS X, turn off the High Speed setting in the Advanced Settings is selected in the Print Settings selected in the Print dialog. See Advanced Settings.

Run the Print Head Alignment utility. For Windows, see Aligning the print head. For Mac OS X, see Aligning the print head.

Faint printout or gaps

Try one or more of these solutions:

Make sure that the ink cartridges do not exceed the expiration date. The expiration date is labeled on the outside of the ink cartridge.

For Windows, check the Media Type setting in the Main menu. Make sure it is correct for the paper you are using. See Making Settings on the Main Menu.

For Mac OS X, check the Media Type setting in the Print Settings selected in the Print dialog.

Make sure it is correct for the paper you are using. See Page Setup.

Run the Head Cleaning utility to clear any clogged ink nozzles. For Windows, see Cleaning the print head. For Mac OS X, see Cleaning the print head.

You can also clean the print head nozzles using the control panel. To clean the print head nozzles, press the Menu button for 3 seconds.

Check the Ink check light. If necessary, replace ink cartridges. See Replacing Ink Cartridges.

Select Standard as Platen Gap in the Paper Configuration dialog box. For Windows, see Paper Configuration. For Mac OS X, see Paper Configuration.

Blurry or smeared printout

Try one or more of these solutions:

For Windows, check the Media Type setting in the Main menu. Make sure it is correct for the paper you are using. See Making Settings on the Main Menu.

For Mac OS X, check the Media Type setting in the Print Settings selected in the Print dialog.

Make sure it is correct for the paper you are using. See Page Setup.

If the paper you are using is not supported by the printer driver, make the paper thickness setting in the SelecType mode. See CUSTOM PAPER.

Make sure your paper is dry and the printable side is face-up. Also, make sure you are using the correct type of paper. See Paper for specifications.

Ink may have leaked inside the printer; wipe the inside of the printer with a soft, clean cloth.

Run the Head Cleaning utility. For Windows, see Cleaning the print head. For Mac OS X, see Cleaning the print head.

You can also clean the print head nozzles using the control panel. To clean the print head nozzles, press the Menu button for 3 seconds.

Color documents print in black only

Try one or more of these solutions:

Make sure the color data settings in your application are correct.

For Windows, make sure Color or Color/B&W Photo is set in the Main menu. See Making Settings on the Main Menu.

For Mac OS X, make sure Color or Color/B&W Photo is set in the Print Settings selected in the Print dialog. See Color.