



USER'S MANUAL

LABEL PRINTER



www.samsungminiprinters.com



JE68-00131B Rev. 1.05

N®

# **Safety Precautions**

In using the present appliance, please keep the following safety regulations in order to prevent any hazard or material damage.





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# 1. Unpacking & Repacking

Your printer box should include these items. If any items are damaged or missing, please contact your dealer for assistance.

**Note** : Please keep the packing materials(1,2,4,6) for future repacking to send a printer for repairs.



<sup>\*</sup> You can repack the printer package in above numeric order(1)~9)

# 2. Samsung Label Printer



# 3. Connecting the Power Supply

# **CAUTIONS:**

When connecting or disconnecting the power supply from the printer, make sure that the power supply is not plugged into an electrical outlet. And the power supply's rated voltage and your outlet's voltage do not match, contact your dealer for assistance. Then do not plug in the power cord. Otherwise, you may damage the power supply or the printer.

1. Make sure that the printer's power switch is turned off, and the power supply's power cord is unplugged from the electrical outlet.

2. Check the label on the power supply to make sure that the voltage required by the power supply matches that of your electrical outlet.

3. Plug in the power supply's cable as shown below. Notice that the flat side of the plug faces down.



# 4. Connecting the Interface Cable



8

Serial Interface RS-232 default setting is 19200 baud, no parity, 8 data bits and 1 stop bit

# 5. Installing or Replacing the Paper Roll



④ Close Guides to the Width of the paper

5 Close Cover





# 6. Setting The Dip Switches

### 6-1. Setting the Dip Switches

The Dip Switches are located on the bottom of the printer. The Dip Switches are used to set the Printer to perform various functions. Follow these steps when changing Dip Switches setting :

- 1. Turn the printer power switch off.
- 2. Remove the screw on the bottom of the printer and open the bracket.
- Flip the Dip Switches using tweezers or another narrow-ended tool.
   Switches are off when up and on when down in the Figure below.
- 4. The new setting takes effect when you turn on the printer.



**Note** : Always change Dip Switch settings only when the printer is turned off.

### 6-2. Functions of Dip Switches

6-2-1. Dip S/W 1				6-2-2	. Dip S/W 2				
No	Functions			Details	No	Functions		D	etails
	Speed	2	1	Speed			2	1	Baud Rate
		Off	Off	2.5 ips		Paud	Off	Off	9,600 bps
1,2		Off	On	3.0 ips	1,2	Dauu Date	Off	On	19,200 bps
	Selection	On	Off	4.0 ips		Rate	On	Off	57,600 bps
		On	On	5.0 ips			On	On	115,200 bps
		4	3	Density		Modia	Off	D	etect Gap only
	Doncity	Off	Off	0(Low)	3	Detection	On	D	etect Gap and
3,4	Density	Off	On	7		Detection			Black-mark
	Selection	On	Off	13	4	Memory	Off		SRAM
		On	On	20(High)		4 Selection for	Selection for	On	
5	Exhibition	Off	Norm	al mode		Image Store	UII		FIdSIT KUIT
J	Selection	On	Demo	o mode	5	Emulation	Off	SAM	SUNG command
c	Media	Off	Label	Paper	5	Emalation	On		Emulation
0	Selection	On	Norm	al Paper	6~8	Developer		Defa	ult off
-		Off	Witho	out Auto Cuter	0.10	Mode		DCIU	
/	Auto Cutter	On	With	Auto Cutter					
	Position	Off	Move	to Cutting Position					
	Selection	On	Move	to top of next page					
ð	With	Off	Back	Feeding printing					
	AutoCutter	On	Conti	nuous printing					

# 7. The Self Test

The self-test checks whether the printer has any problems. (You cannot perform this procedure if using the printer's label peel-off option) If the printer does not function properly, contact your dealer. The self-test checks the following;

- 1. Make sure that paper roll has been installed properly.
- 2. Turn on the power while holding(2sec) down the FEED button. The self-test begins.
- 3. The self-test prints the current printer status, which provides the control ROM version and the DIP switch setting.





# 8. The Peel-off

Printers can Peel-off a single label. You must remove the label before the printer prints the next label.

① Open the peel-off cover and turn on peeler switch.



② Remove the one a paper and insert the paper through slot.

 $\ensuremath{\textcircled{3}}$  Adjust the paper guides and close the cover.



# 9. Using Fan Fold Paper

Insert paper through both the rear slot and guides. Adjust holders and guides to the width of the paper.



Adjust holders papers and paper Fixed

Adjust Guides





# 10. Auto Cutter (Option)

Auto cutter should be used for continuous paper only. ( i.e. roll paper)

- 1. Open the Dip switch cover, and make the switch 1 number 7 "On". (Refer to printer mode setting at Chapter 6.)
- 2. Put a paper roll into the printer and close the cover.



Caution (Partial cut)

: Once the printer cut the paper, remove the receipt in order for next printing. Otherwise the receipt could be back into the printer and the cutter would cut it again.



# 11. Cleaning Head

Paper dust on the heating elements may lower the printer quality. In this case, clean the print head as follows :

- **Cautions** 1. Turn Off the printer power before cleaning.
  - 2. Note that the thermal head becomes very hot during normal operation, creating the danger of burn injury. Be sure to wait for about 2~3 minutes after turning printer power off before beginning the cleaning.
- 1. Open the printer cover.
- Clean the thermal element (the area which is marked a thin black line) of the thermal head with a cotton swab moistened with a alcohol solvent (ethanol, methanol, or IPA).
- 3. After confirming that the alcohol solvent has been dried up completely, close the cover-open.
- Note 1. Never touch the thermal element with your hand,
  - then the thermal element can be damaged.
  - 2. Don't scratch the printer head.



\* Clean it up when you replace every roll of paper to prevent the quality deterioration.

# 12. Install and Uninstall Windows Driver

### 12.1 Download install-program from Website

- (1) Execute web-browser.(Ex: Internet Explorer)
- (2) Type <u>http://www.samsungminiprinters.com</u>
- (3) Connect website.
- (4) In "Quick menu", click download button.
- (5) Download "SRP-770\_V3.X.X.exe" in SRP-770 section.

### 12.2 Install Windows Driver

### 12.2.1 Serial Parallel interface

(1) Double click "SRP-770\_V3.X.X.exe" file.

### (2) Click "Next" Button.

SAMSUNG LABEL PRINTER SRP-	770 Installation
	Welcome to the InstallShield Wizard for SAMSUNG SRP-770 Label Windows Driver 3.1.1 The InstallShield® Wizard will install SAMSUNG SRP-770 Label Windows Driver 3.1.1 on your computer. To continue, click Next.
InstallShield	< Back Next> Cancel

(3)	Click "Install" Butte	on.	
5	SAMSUNG LABEL PRINTER SRP	-770 Installation	×
	Ready to Install the Program The wizard is ready to begin in	n stallation.	
		Click Install to begin the installation.	
		If you want to review or change any of your installation settings, click Back. Click Cancel to exit th wizard.	e
	InstallShield	< <u>B</u> ack [Install] Cancel	

## (4) Select operating system type.

5	elect OS Type	×
	OS Type	
	C Windows 95	Windows 2000
	C Windows 98	O Windows XP
	C Windows ME	C Windows Server 2003
	C Windows NT 4.0	
		Next

(5) Select interface (port) type.

Select Port Ty	'pe	×
Serial Port-		Parallel Port
C COM1	С СОМЗ	● LPT1
C COM2	О СОМ4	C LPT2
USB Port-		
C USB		<u>N</u> ext
L		

(6) Please reboot computer.

SRP770_	Installer 🔀
?	Restart the computer can take effect. Please restart the computer.
	[Yes] I want to restart my computer now. [No] I will restart my computer later.
	<u>Y</u> es <u>N</u> o

### 12.2.2 USB interface

### A. Windows 95/98/ME

(1) Double click "SRP-770\_V3.X.X.exe" file.



#### (3) Click "Install" Button.



### (4) Select operating system type.

Select OS Type	×
ОЅ Туре	
C Windows 95	C Windows 2000
<ul> <li>Windows 98</li> </ul>	C Windows XP
C Windows ME	C Windows Server 2003
C Windows NT 4.0	
	Next

(5) Select "USB" interface (port) type.



(6) Please turn-off printer and turn-on printer.

S

RP770_	INSTALLER 🔀
•	Installation is completed. Please turn-off printer and turn-on printer.
	OK

(7) When "Add new hardware wizard" for install "USB print support" driver pops up, click "Next" button.

Add New Hardware Wi	zard
	This wizard searches for new drivers for:
	USB Printing Support
	A device driver is a software program that makes a hardware device work.
چ 🗞	
	< Back Next > Cancel

- (8) Please click "Next" button three times.
- (9) When "USB print support" driver is installed, your system automatically restart after 10 seconds.

After 10 seconds, your system should be rebooting. Please close all other application.

(10) After the system restart, please turn-on printer.

#### B. Windows NT/2000

- (1) Double click "SRP-770\_V3.X.X.exe" file.
- (2) Click "Next" Button.



(3)	Click "Install" Butto	)n.			
	SAMSUNG LABEL PRINTER SRP-	70 Installation			
	Ready to Install the Program The wizard is ready to begin ins	n tallation.			
		Click Install to begin the installation.			
		If you want to review or change any of your installation settings, click Back. Click Cancel to exit th wizard.	ne		
	InstallShield	< Back [Install] Cancel			

(4) Select operating system type.



#### (5) Select "USB" interface (port) type.

Select Port Type	×
Serial Port	Parallel Port
С СОМ1 С СОМ3	O LPT1
С СОМ2 С СОМ4	C LPT2
USB Port	
• USB	<u>N</u> ext
	, <u> </u>

#### (6) Please turn-off printer and turn-on printer.



#### \* If you can see this dialog, don't worry comment in dialog. Printer and driver work well. Please click "Yes" button.



#### C. Windows XP/2003 Server

- (1) Double click "SRP-770\_V3.X.X.exe" file.
- (2) Click "Next" Button.



### (3) Click "Install" Button.



### (4) Select operating system type.

Select OS Type	
OS Type	
🔿 Windows 95	C Windows 2000
🔿 Windows 98	Windows XP
⊂ Windows ME	O Windows Server 2003
⊙ Windows NT 4,0	
	Next

### (5) Select "USB" interface (port) type.

Select Port Type	
Serial Port	-Parallel Port
C COM1 C COM3	C LPT1
C COM2 C COM4	C LPT2
USB Port	
• USB	<u>N</u> ext
	LI

#### (6) Please turn-off printer and turn-on printer.



\* If you can see this dialog, don't worry comment in dialog. Printer and driver work well. Please click "Continue Anyway" button.

SRP770	LInstaller 🔀
į	Installation is completed, Please turn-off printer and turn-on printer,
	토막인

(7) If "Add new hardware wizard" for install "SAMSUNGSRP-770" driver pops up, click "Next" button.

Found New Hardware Wizard		
	Welcome to the Found New Hardware Wizard	
	This wizard helps you install software for:	
	SAMSUNG SRP-770	
	If your hardware came with an installation CD or floppy disk, insert it now.	
	What do you want the wizard to do?	
	<ul> <li>Install the software automatically [Recommended]</li> <li>Install from a list or specific location (Advanced)</li> </ul>	
	Click Next to continue.	
	< Back Next > Cancel	

(8) Please click "Next" button until you can see "Finish" button.

Found New Hardware Wizard	
Please wait while the wizard searches	
SAMSUNG SRP-770	<u>S</u>
	Kack Next > Cancel

Har dwa	re Installation	
1	The software you are installing for this hardware: Printers has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly	
	recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing. Continue Anyway	

\*If you can see this dialog, don't worry comment in dialog. Printer and driver work well. Please click "Continue Anyway" button.

# (9) Please click "Finish" button. Found New Hardware Wizard Completing the Found New Hardware Wizard The wizard has finished installing the software for: SAMSUNG SRP-770 Click Finish to close the wizard. (Back Finish Cancel

### 12.3 Uninstall Windows Driver

- (1) Click on the Start button, and then click on Settings > Control Panel.
- (2) Double click "Add/Remove Programs" icon.
- (3) Select "SAMSUNG SRP-770 LABEL Windows Driver 3.X.X".
- (4) Click "Change/Remove" button.

### (5) Select printer to remove.

SAMSUNG SRP-770 Uninstaller	
SAMSUNG SRP-770	
Progress Status	
	Canad
	Cancel

- (6) Click "Uninstall" Button.
- (7) Please reboot computer.



### 12.4 Printer Settings

SAMSUNG SRP-770 Properties	? ×
General Sharing F Device Settings Pri	Ports Advanced Security inter Property Setting About
↑ Top Margin ↓ ABC	Measurement Inches Margin Top Margin (I) Density Value : 20
Orientation Top C Bottom	Gap Continuous     Black Mark
Speed © 2.5 © 3.0 © 4.0 © 5.0	Customer Paper Size
[	OK Cancel Apply

- 1) Measurement: Select measurement of "Top Margin". (Inch or millimeters)
- 2) Top Margin: top margin value of paper
- 3) Density: Select density of printing quality.  $(0 \sim 20)$
- 4) Media Type: Select paper media type. ("Black Mark" is under development)
- 5) Orientation: Set printing direction.
- 6) Speed: Set printing speed. (2.5 ~ 3.0)

#### 7) Customer Paper Size



- a) Add Customized Form: Create new customized form. Customer must type "Form Name", "Width" and "Length". Width and Length in customized form must be the number in the range from Minimum to Maximum size.
- b) Delete Customized Form: You can delete customized form but default form may not be deleted.

#### Exit Program: Exit utility program.

# [ Specification ]

Printing method		Thermal line printing
Dot density		203 dpi (8 dot/mm)
Printing width		25.4 ~ 101.6 mm
Paper width		38.1 ~ 104 mm
Printing speed		127 mm/sec
Receive Buffer Size		4K Byte
* Note : Printing spec and the con	ed may be slower, depend	ing on the data transmission speed ands.
	Input voltage	100~240V AC
Supply voltage	Frequency	50/60 Hz
	Output voltage	DC 24V
Environmontal	Temperature	5 ~ 45 ℃ (Operating) -25 ~ 70 ℃ (Storage)
conditions Humidity	30 ~ 80 % RH (Operating) 10 ~ 90 % RH (Storage) ; Except for paper	
LIFE	Mechanism Head	10,000,000 lines 5×10 <sup>7</sup> pulse (50km)
MCBF	Mechanism	20,000,000 lines



This marking shown on the product or its literature, indicates that is should not be disposed with other household wastes at the end of its working life, To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions

of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

# **\*** All specifications are subjected to change without notice.