User Guide

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SP7



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OVERVIEW

Please keep the original packaging in case the printer must be returned.

Box Content:

- SP7 Label Printer
- DVD including software and printer driver for Windows •
- Empty cylinder core for rewinding the foil
- USB Cable
- AC Adapter
- **Power Adapter** •

Printer View:

- 1. Touch Display
- 2. Power Button
- 3. Feed Button
- 4. Label Exit
- 5. USB Ports



- 1. Calibration Button
- 2. Ethernet Port
- 3. Serial Port
- 4. USB 2.0 Port
- 5. USB Port
- 6. USB Port
- 7. USB Port
- 8. On/Off Switch
- 9. AC Power Port

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- 1. Ribbon regulator tab
- 2. Foil rewind holder
- 3. Foil supply holder
- 4. Printhead latch open/close
- 5. Ribbon position regulator
- 6. Ribbon supply wheel
- 7. Sensor position regulator
- 8. Ribbon support



PRINTER INSTALLATION



- 1. Place printer onto flat and regular surface
- 2. Make sure ON/OFF switch is set to OFF
- 3. Connect printer to the computer with USB cable or Ethernet cable
- 4. Connect AC cable to the AC Power port on the back of the printer, and then connect the Power Adapter to a grounded socket
- 5. Turn printer ON from the ON/OFF switch
- 6. Turn ON printer display from the Power button

DRIVER INSTALLATION FOR WINDOWS USERS

- Option 1. •
 - ✓ Connect to the following link for instructions on how to download the Windows driver for the printer

www.texlabel.eu/wp/download-it

- Option 2. .
 - ✓ Turn on printer and wait for the writing "Ready" to appear on the display
 - ✓ Run DVD as an administrator and follow the printer setup wizard

Installing Software

Note! When the printer is connected with the USB cable, the driver installation will be automatically done.

- 1. Insert the DVD in the computer.
- 2. Choose "Software" on the Welcome screen.

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3. Press the icon "install software" to start the installation.

LOADING RIBBONS AND FOILS

LOADING FOIL

Open the side cover of the printer and insert foil on the supply holder (ink out clockwise)



Insert empty cylinder core into foil rewind holder



Pass foil through printhead (as picture shown below depending on ink foil used)



Attach foil extremity on empty cylinder core with adhesive strip, usually found at the end of the ink foil sticker (as picture shown below). Wind the foil around the empty foil core for a few centimeters until you see the ink beginning strip.



WARNING: The foil has a matt side and a glossy side, make sure that the matt side is the one in contact with the ribbon.

LOADING RIBBON

Insert the ribbon as shown by the images below (The ribbon should not have any space to move around laterally to keep it in place).



Pass the ribbon through the guides and adjust to width of ribbon.



Pass ribbon through the printhead, making sure to also have the white arrow of the sensor (circled in red in the picture below) positioned above the ribbon being printed.



Lower the printhead latch by rotating it until it closes properly.



The printer is now ready to print! This procedure is the same for printing on label stickers. However, if the label stickers come in a pack and not a roll, position the pack behind the printer and insert the stickers through the back of the printer. Pass the stickers through the ribbon guides, under the sensor (adjust width to fit stickers) and through the printhead just like instructions above for ribbons.

ROTATING CUTTER INSTALLATION (OPTIONAL)

Remove the plastic front cover, by removing the screw indicated in the picture below. After removing the screw, gently slide the cover to the right before completely removing.



Connect the rotating cutter cable to the plug highlighted in the picture below.



Now install the cutter accompanying the two metal plates into the highlighted side openings.





Once completed this task, insert the screw as shown in the picture below to complete the installation.



USING THE SOFTWARE - GoLabel (only Windows)

Click the "New" button



Click "Media Type" and set the type of label. Click "Media Size" and set the size of label, click "Ok".

Media Size Layou [,] Media Type	Template Page Form:
Cabel with gaps	Description
Gap Length	New Label
	Label Ordering Preview
Feed Paper Length	
Label with marks	
Width 2 📑 mm	
Position 0 芸 mm	
Zsign - Position Inside	Page Size 60 mm x 40 mm Label Size 60 mm x 40 mm
- Position Inside	Label Size 60 mm x 40 mm

Page Width	60	Description:	
		New Label	
III Page Height 🦳	> 40 📑 mm	Label Ordering Preview	
Laft / Richt Maraia			
	ju 💽 nim		
Top / Bottom Margin	0 🕂 mm		
		Page Size 60 mm x 40	mm
		Label Size 60 mm x 40	mm
nm Save As Templa	te OK	Exit	

To insert Shape, Bar code, Text and Graphics use the left Side menu bar



Click "Printer Setup" to select the printer, number of copies and launch command print.



TO INSERT THE WASH SYMBOLS ON THE LABEL, FOR EXAMPLE: 400 600 950 200 100

THIS REFERS TO THE "CHARACTER MAP TEXLABEL – ISO" FOR THE FOLLOWING TABLE (EVERY SYMBOL CORRESPONDES TO A CHARACTER).

TEXLABEL - ISO



TEXLABEL fonts can also be purchased at a later time by contacting TEXLABEL.

www.texlabel.eu

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TEXLABEL - ISO



TEXLABEL – KR 95°C 60°C 80-1200 30°C -100 40°C 34**0°C** 80-120°C 140-1600 140-160°C (150-2100 150-2100 н R П [C i에/ 2 3 20 v 20 c 140,160



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MAINTENANCE

In order to always ensure optimum printing and maximum durability of the mechanical components and print head, it is essential to clean the printer and print head at each ribbon change.

• PRINTHEAD

Wait about 1 minute after the last print, in order to let the printhead cool down. Using a dampened alcohol cloth, wipe the printhead, rub the area shown in the image, until it completely removes the print residues.



• PLATEN

Rotate the platen (shown in the figure) and clean it with a cloth that does not release impurities, dampened with alcohol, until the complete removal of the dirt accumulated.



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• SENSOR CALIBRATION

It could be necessary to recalibrate the sensors inside the printer when the type/color of ribbon, paper or ink is changed. The problem that may occur, is that the printer will give you an error message (Paper error) on the first print launch after replacing the ribbon, paper or ink with others of different quality, color, or reflectance.

To calibrate the sensor, press and hold the calibration button on the back of the printer (Highlighted in the picture below).



PARAMETERS FOR WHITE AND COLORED STICKERS

After clicking on "Document Properties", a window opens where you need to set the size of the adhesive labels in the "Page Setup" tab in the area called "Stock". If the labels format has already been created, it will be enough to select them from the drop-down menu. Otherwise, you need to click on the button "New" and enter the size of the format you want to create.

Set the print orientation by selecting Portrait.

Name: [60	k40 (60,0 mm x	40,0 mm)		_
	New	Edit	Dele	te
Preview	Orientatio	on	Effects	
	Portr	ait	Mirror Ima	age
ALE	C Land	Iscape	Negative	
	C Portra	ait 180°		
+	C Land	Iscape 180°		
Desert				
Preset	umant Cattings		Mana	
Name. Iso	urrent Settings?	2		iye
			1 10 1	
		, P	dvanced Option	ns
			an ann	
	© 2003-201	16 Seagull Scientif	ic, Inc.,	

By selecting the "Graphics" tab you can set the dithering. For sticker labels select "None".

nesolution. [8,0	dpmm x 8,0 dpmm
Dithering	
	None
-	C Halftone
-i V	Ordered
	C Algebraic
	C Error Diffusion
	C Device Dithering
Color Adjustme	nt Dithering Setup
Color	
Color Control: Mor	nochrome 🗾
Color Matching	*
color matorning.	
Color Registrati	ion Color Setup
Color Registrati	Color Setup

In the figure the "Stock" tab is selected. Here for adhesive labels you have to set it as a "thermal transfer" print method and as media type "Labels With Gaps", the "Gap Height" must remain set to 3.0 mm.

Method:	Thermal Transfer	•	
Гуре:	Labels With Gaps	•	
Gap Height:	3.0 mm	Gap Offset:	0.0 mm
Media Handlir	Ig		46.
Post-Print Acti	on: Tear Off]
Occurrence:	After Every Page	Y]
nterval		Feed Offset:	0.0 mm
Position Adius	tments		
Use Curre	nt Printer Settings		
/ertical Offset	: 2.0 mm		

Select the "Options" tab and set the print speed, which is recommended for adhesive labels at 76.20 mm/sec. The intensity of the black level set to 6.

Print Speed:	76.20 mm/sec 💌
Darkness:	· · · · · · · · · · · · · · · · · · ·
Graphics Format	k
Direct to Buffer:	Automatic
Stored Graphics:	Automatic
Enable grays	scale image printing
Contrast:	2

We do not recommend using the default "Use Printer Current Setting" parameters, but always indicate METHOD: THERMAL TRANSFER (CONTINUOUS TYPE / LABEL WITH SPACE / LABEL WITH SIGNALS, ACTION AFTER PRINTING NONE / CUT / TEAR OFF).

After printing, if the label does not align exactly at the tear point, you can adjust the parameter

Feed Offset: 0.0 mm by adding or removing ("-" minus sign) 1mm or more millimeters.

PARAMETERS FOR TRANSPARENT STICKERS

For transparent stickers, the parameters set in "Page Setup" and "Graphics" are the same as white or colored stickers.

Method:	Thermal Transfer	<u> </u>
Type:	Labels With Marks	•
Mark Height:	3.0 mm	Mark Offset: 0.0 r
Position Adjus	stments	i deu oliser. Juor
Vertical Offse	t: 2.0 mm	

In the "Stock" tab settings, set the parameters to the settings as shown below.

In the "Options" tab settings, set the parameters to the settings as shown below.

aphics Format -	
rect to Buffer:	Automatic
ored Graphics:	Automatic
Enable graysc	ale image printing
Contrast:	2

After printing, if the label does not align exactly at the tear point, you can adjust the parameter

Feed Offset: 0.0 mm

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by adding or removing ("-" minus sign) 1mm or more millimeters.

WARINING: We do not recommend using the default "Use Printer Current Setting" parameters, but always indicate METHOD: THERMAL TRANSFER, CONTINUOUS TYPE / LABEL WITH SPACE / LABEL WITH SIGNALS, ACTION AFTER PRINTING NONE / CUT / TEAR OFF.

PARAMETERS FOR CARE LABELS



WARINING: We do not recommend using the default "Use Printer Current Setting" parameters, but always indicate METHOD: THERMAL TRANSFER (CONTINUOUS TYPE / LABEL WITH SPACE / LABEL WITH SIGNALS, ACTION AFTER PRINTING NONE / CUT / TEAR OFF).

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PARAMETERS FOR WINDOWS USER

We recommend that you leave the first 12-15 millimeters of the top of the label blank (not printed), which is the space needed to sew the label into the garment.

We also recommend setting the "Orientation" parameter to "Portrait 180°" so that the label is pulled out of the printer with the unprinted part.

	New	Edit		Delete
Preview	Orientation		Effects	3
(†)	C Portrait		Mir	ror Image
ALE	C Landsc	ape	∏ Ne	gative
	Portrait	180°		
	C Landso	ape 180°		
Propert				
Name:	Turrent Settings>		च	Manage
Name. Ist	dirent Settings>		<u> </u>	Hanago
		٨	duanaad	Ontinon
			uvanceu	Options

For care labels it is advisable to set Dithering to "Error Diffusion".

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Dithering	18.0 apmm x 8.0		-
and the second	in and the second	C None	
	Ta	C Ordered	
1. 1. 1		C Algebraic	
		Error Diffusion	
1111		C Device Dithering	
Color Adj	ustment	Dithering Setup	
Color Adji Color Color Control:	ustment	Dithering Setup	¥
Color Adj Color Color Control: Color Matching:	ustment Monochrome	Dithering Setup	•
Color Adj Color Color Control: Color Matching: Color Rec	ustment Monochrome	Dithering Setup	•

In the "Stock" tab, set "Thermal transfer" as the printing method and "Type" set to "Continuous", and select "None" for the "Post-Print Action" drop down menu.

Туре:	Continuous			
Media Handli	ng			
Post-Print Act	ion: None		-	
Documence:			The second secon	
nterval:		Feed (Offset: 0.0 mm	
Position Adju	stments			
Use Curre	ent Printer Settings			
Vertical Offse	t: 0.0 mm			

If the cutter is installed on the printer, set the parameters in the "stock" tab as follows:

Page Setup Graphics Stock Options About Media Settings	
Print Method:	
Media Type:	
Media Type.	
Label Gap:	3.0 mm Black Mark Wroth: 3.0 mm
Extra Feed:	0.0 mm Black Mark Offset: 0.0 mm
Media Handling -	
Post-Print Action:	Cut
Occurrence:	After Every Label
Interval:	1
Position Adjustme	nts
🔲 Use Current P	rinter Settings
Start Position:	0.0 mm
Stop Position:	0.0 mm Relative C Absolute
O	K Annulla Applica ?

For care labels, we recommend setting the print speed in the "Options" tab to 50.80 mm/sec, while the value to be set for black level strength varies depending on the material used as a print media. In the last page, there is an example showing the intensity values to be set according to the material to be printed on.

Print Speed:	50.80 mm/sec
Darkness:	
Graphics Format	
Direct to Buffer:	Automatic
Stored Graphics:	Automatic
🗖 Enable grayso	cale image printing
Contrast:	2

In general, the higher the Print Speed, lower is the print quality.

Intensity is the temperature at which the print head thermally transfers the ink (also called Ribbon, foil, film) to the print ribbon. The higher the intensity, the more marked the printing is.

All materials are available at TEXLABEL. From wax, wax/resin to resin. Ribbons with a wide range of sizes and colors according to your needs, ready for delivery and without minimum order.

N. B. Too much intensity leads to 3 unpleasant effects: ink can deburr, the label can stick to the ribbon instead of leaking out of the printer, and the print head wears out faster.

The less the intensity, the more faded the writing is.

The right intensity must be found according to the result you want to obtain (large, small inscriptions, drawings, logos, geometric shapes, etc.).

We recommend that you try to print with low intensity and then increase it until you get a satisfactory result (label printed with good sharpness have no smearing or sticking problems)

In this page <u>http://www.texlabel.eu/wp/ribbons-labels-en/</u> there are four types of ribbons (Satin Ribbons, Polyester Ribbons, Nylon/Polyamide Ribbons, Polyurethane Ribbons). In each section you can see some examples of composition labels printed by us, and at the bottom of each label you can read the code of the ribbon.

Contact TEXLABEL for FULL SAMPLE BROCHURE.

An example of a quality print:

RIBBON: NNS

As a guideline, nylon (polyamide) is printed at low temperatures (0 - 5), while satin and polyester requires higher temperatures (7 - 13).

The SP7 printer is compatible with the software TEXLABEL and DUEMILA MODA



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PRINCIPAL REQUIREMENTS FOR INTERNATIONAL CARE LABELS



For any further information or assistance, please contact the support service of TEXLABEL

www.texlabel.eu

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info@texlabel.eu