

TD-4420DN(FC) and TD-4550DNWB(FC)

Addendum

Definitions of Notes

We use the following symbol throughout this Addendum:

	Tips icons indicate helpful hints and supplementary information.
NOTE	NOTE specifies the operating environment, conditions for installation, or special conditions of use.
Bold	Bold style identifies buttons on the machine's control panel or computer screen.
Italics	Italicised style emphasises an important point or refers you to a related topic.

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Table of Contents

Introduction	1
Set Up Your Printer	2
Insert the Label Support	2
Load the Linerless Label Roll	2
Print Labels	3
Select the Linerless Label Roll	3
Create and Print Labels	4
Print Speed and Print Density	4
Routine Maintenance	6
Clean the Platen Roller and surrounding area	6
Clean the Print Head and surrounding area, the sides of Roll Guides, and the Label Support	6
Printer Information	8
Print the Printer Setup Information	8
Check the Printer Status	8
Troubleshooting	10
Specifications	11
- Label Printer	11
Media	11

Introduction

TD-4420DN(FC)/TD-4550DNWB(FC) are Label Printers designed to print only Linerless Labels.



Your printer model comes with the following optional parts already installed. When you need to replace parts, or if you want to keep spare parts available, use the part numbers listed here.

TD-4420DN(FC)	PA-LCU-002	Linerless Cutter
	PA-LPR2-002	Linerless Platen Roller 203 dpi
	PA-HU2-001	Thermal Print Head 203 dpi
TD-4550DNWB(FC)	PA-LCU-002	Linerless Cutter
	PA-LPR3-002	Linerless Platen Roller 300 dpi
	PA-HU3-001	Thermal Print Head 300 dpi

- DO NOT use a standard Platen Roller or a standard Cutter for these Label Printers.
- For available media information, visit: support.brother.com/g/d/f4fi.

Set Up Your Printer

Insert the Label Support

1. Insert the Label Support into the center of the Label Output Slot, as shown.



2. Gently press the Label Support until it locks into place.



Load the Linerless Label Roll

Follow the instructions in the **Load the RD Roll** section of the *User's Guide* for TD-4420DN/4550DNWB models <u>support.brother.com/manuals</u>.

NOTE

- DO NOT leave the roll in the Label Printer for long periods of time when it is not in use.
- Store the roll in a cool, dry place, away from direct sunlight, liquids, dust, and dirt. Dust and dirt can shorten the life of the Print Head due to the extra friction caused by the particles.
- Store the rolls with the roll core positioned vertically. If you store the roll horizontally, the quality of the label may deteriorate.

Print Labels

Select the Linerless Label Roll

Supported Linerless Label Roll

Import the supported linerless label roll list from the **Paper Size Setup** in the Printer Setting Tool. (Follow the instructions in the **Paper Size Setup of Printer Setting Tool (Windows)** section of the *User's Guide* for TD-4420DN or TD-4550DNWB models <u>support.brother.com/manuals</u>.)

Visit support.brother.com/g/d/f4fi to get the linerless label roll list file.

Adding other Linerless Label Rolls

To register a new linerless label roll type, do the following:

In the Printer Setting Tool, select the **Paper Size Setup** option and click **New...** The **New** Dialog Box appears. From the **Paper Types:** drop-down menu, select **Continuous Length Tape** option, configure the tape settings, and then, click **Add**.

(Follow the instructions in the **Paper Size Setup of Printer Setting Tool (Windows)** section of the *User's Guide* for TD-4420DN or TD-4550DNWB models <u>support.brother.com/manuals</u>.)

A Paper Size Setup	×	New		×					
Currently Registered Paper Sizes:		Paper Size Name:							
RD 102mm x 152mm	Width: 101.6 mm	New Paper							
RD 102mm x 50mm RD 76mm x 26mm RD 51mm x 26mm RD 102mm RD 90mm	Length: 152.4 mm	ngth: 152.4 mm Auto media <u>configuration</u>							
	Energy Rank: 10	Paper Types:	Die-cut Label	\sim					
RD 58mm		101.6 mm	Continuous Length Tape Die-cut Label Media With Marks						
	<u>N</u> ew	152.4 mm	Length: [6.4 - 1000.0] 152	2.4 🔹 mm					
	Edit	‡6.3 mm	La <u>b</u> el Spacing: 6.3	► mm					
	<u>D</u> elete		Width of Marks: 0.0	≜ mm					
	Paper list		Distance From Paper Leading Edge to Marks: 0.0	r mm					
	Export	+ 30 mm	Le <u>f</u> t Margin: 1.5	▲ mm					
			Right Margin: 1.5	▲ mm					
Option -	E <u>x</u> it		Top Margin: 3.0	▲ mm					
		1.5 mm 1.5 mm	Bottom Margin: 3.0	▲ mm					
			Advanced Printing Adjustment	s					
			Add	Cancel					

When you change the Paper Type, some settings remain unchanged.

The following settings remain ON:

- Cut Every (1 label)
- Cut at end

The Use Peeler function option remains OFF.

Create and Print Labels

See instructions for various methods of creating and printing linerless labels in the chapters **Create Labels** and **Print Using Computer** or **Print Labels Using Mobile Devices** in the TD-4420DN/TD-4550DNWB *User's Guide* at <u>support.brother.com/manuals</u>.

NOTE

- When you print more than one label, make sure you remove the printed label to allow the next label to print.
- If roll paper is jammed inside the Label Printer, open the Roll Compartment Cover and gently remove the paper. DO NOT use force to pull out the paper.

Print Speed and Print Density

The default setting for auto speed configuration is set to OFF and the print speed depends on the model: TD-4420DN(FC) is set to 7ips (203dpi) and TD-4550DNWB(FC) is set to 5ips (300dpi).

To adjust the print speed, go to the Printer Setting Tool and select **Device Settings > Basic > Print Speed**.

NOTE

If you increase the print speed, the printout may become lighter.

To adjust the print density, go to the Printer Setting Tool and select **Device Settings** > **Basic** > **Auto speed configuration** OFF \rightarrow ON.

Go to the Printer Setting Tool and select **Paper Size Setup** > **Select the paper** > **Edit** > **Advanced Printing Adjustments** > **Energy Rank**.

🙀 Device Settings		-		×	1	Advanced Printing Adjustments	;			×
File Maintenance About(H)						Printing Reference Point Adjust	ment			
Printer: Brother TD-4550DNWB Basic Advanced Print Position / Sensors Display Setting	s Management	Curre	nt Setting	gs		Specify adjustments to the reference of the specify adjustments resulting from difference of the specific applications can be corrected.	erence point (point of origin ferences in printer models	n for printing). Pr or the fixed mar	inting gins of some	
Disable these settings				\sim						
Power Settings							Along Label Width:		0.0	mm
Auto Power On:	On		~			ABC	[-150.0 - 150.0]			
Auto Sleep:	3 Minutes		~				Along Label <u>L</u> ength: [-150.0 - 150.0]		0.0	mm
Auto Power Off:	Off		v			0.0 mm	Tear Adjust:		0.0	mm
Print Settings										
Text Direction:	Normal		~			Energy Rank	and a second to the second			
Print Speed:	5 ips / 127 mm/s		۷			the print density is adjusted, su	uch as with special paper. N	Normally, it is not	necessary to	when
Print Density:	0		~			change the secting.				
Align Paper Leading Edge when the Cover is Closed:	Do not Feed		~			Energy Rank:		10		\sim
Exit Position:	Tear		~			Media Sensor (Transmissive/Ga	p)			
Auto Cut:	Auto Cut and Cut At End		~			Detection Sensitivity:		0		\sim
Auto Speed Configuration:	On On		*			Luminescence Adjustment:		0		\sim
	Off			\sim		Media Sensor (Reflective/Bar)				
	Apply ~		Exit			Mark Detection Sensitivity:		0		\sim
						Luminescence Adjustment:		0		\sim
								ОК	Cancel	

NOTE

If you increase the Energy Rank value, the printout will be darker, and the print speed may be slower.

Routine Maintenance

Clean the Platen Roller and surrounding area

The Platen Roller may need cleaning if the print quality is poor.

Use the adhesive side of a Label to remove the dust or stains from the Platen Roller and surrounding area. DO NOT clean the small clear window on the sensor.



1 Sensor

NOTE

Cleaning the platen roller with solutions or abrasive materials will damage and may shorten the service life of the platen roller.

Clean the Print Head and surrounding area, the sides of Roll Guides, and the Label Support

The Print Head, the sides Roll Guides and the Label Support may need cleaning if the print quality is poor. Wipe the Print Head with a lint-free cloth or cotton swab dipped in isopropyl alcohol or ethanol.

DO NOT clean the small clear window of the sensor.



1 Sensor



NOTE

Use isopropyl alcohol or ethanol according to the manufacturer's safety guidelines, as applicable.

Printer Information

To obtain the printer information:

- Print the Printer Setup Information
- Check the Printer Status (BRAdmin Professional)

Print the Printer Setup Information

- 1. Turn the Label Printer ON.
- 2. Load a 102 mm (4.0") or wider linerless label roll into the printer.
- 3. Press Menu.
- 4. Press \blacktriangle or \triangledown to select the following:
 - a. Select the [Information] option. Press OK.
 - b. Select the [Print Configuration] option. Press OK.
- 5. Press ▲ or ▼ to select the [All], [Usage Log], [Printer Settings] or [Transfer Data] options, and then press OK.
- 6. Press ▲ or ▼ to select [Start]. Press OK.

Check the Printer Status

1. Start the BRAdmin Professional, select the **Devices** tab and then click IIII.

Brother BRAdmin Professional 4				
Dashboard	Devices	Tasks		
<	All	- ¢ P-		
All devices (25)	Device status	Model name	loner/Ink volume	Node name
Smart filters	Sleep	Brother DCP-L25		BRN3C2AF4
-	Sleep	Brother FAX-L27		BRN3C2AF4
Q MFC (11)	Sleep	Brother HL-L640		BRN30055C
New smart filter	Sleep	Brother HL-L836		BRN3C2AF4
	Sleep	Brother MFC-J45		BRNB42200
Groups	Refill Ink	Brother MFC-J58	·	BRNB42200

2. From the **Category** drop-down list, select the **Label printer** option.

ategory:	abel printer 🔹 🔻		Columns to display:		
Total print le		Add >>	Device status		
Total cut cou	Device Network	<< Delete	Model name	•	
Total full cut F	Page count		Toner/Ink volume	Reset	t
Total half cu	Profile		Node name		
Battery char	Azure		IP address		
Battery heal	Solutions		Serial number		
Battery leve	abel printer		MAC address		
			Location		
			Contact		
			Total page count		
			Color page count		
			Monochrome page count		
			Total scanned pages	•	

3. Select the information you would like to check and press Add to add it to the Columns to display list.

ategory: Label printer 🔻		Columns to display:	
Total print length (m)	Add >>	Device status	
Total cut count	<< Delete	Model name	
Total full cut count		Toner/Ink volume	
Total half cut count		Node name	
Battery charge cycle		IP address	
Battery health level		Serial number	
Battery level		MAC address	
		Location	
		Contact	
		Total page count	
		Color page count	
		Monochrome page count	
		Total scanned pages	

4. You can now check the status of your printer.

Troubleshooting

If you encounter problems when using your printer, try these solutions to resolve them.

Problem	Solution
The print quality is poor.	Clean the Platen Roller and surrounding area, the Print Head, the sides of the Roll Guides, and Label Support. For more information, see the Routine Maintenance section in this Addendum.
	 Reduce the print speed or Energy Rank. For more information, see the Print Speed and Print Density section in this Addendum.
	 If the print quality remains poor after trying the above solutions, replace the Print Head.
The cutter is losing its sharpness.	Replace the cutter.
My labels are getting jammed.	 Clean the Platen Roller and surroundings area, the Print Head, the sides of Roll Guides, and Label Support.
	 The label roll is wound incorrectly. Remove the label roll and replace it with a new one.
	 If the labels continuously become jammed in the printer, the Platen Roller may be worn and needs to be replaced.
My labels are wrinkled after printing.	 Label wrinkles may occur if the roll adhesive adheres to the Roll Guide. Adjust the position of the Roll Guides using the adjuster dial, following the instruction in the Load the RD Roll section of the User's Guide for TD-4420DN or TD4550DNWB models <u>support.brother.com/manuals</u>. If the above solution does not solve the problem, replace the label
	roll.

Specifications



Label Printer

Weight	2.49 k	g (5.49 lb)		
Dimensions	*	180.0 mm	(7.08")	(W)
	**	281.2 mm	(11.07")	(D)
	***	154.5 mm	(6.08")	(H)

Media

Туре	Brother recommends using only supported linerless label rolls. Visit <u>support.brother.com/g/d/f4fi</u> for available media information.
Width	39 mm (1.54"), 58 mm (2.28"), 80 mm (3.15"), 106 mm (4.17")
Minimum Length	20 mm (0.78")
Thickness	86 μm (0.0033"), 95 μm (0.0037")
Roll Outside Diameter (maximum)	102 mm (4.02")
Core Diameter (minimum)	25.4 mm (1.00")
Media Sensor	Transmissive, Label Taken, Reflective



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