star

mC-Label2

Easy Setup Guide

This document explains the setup procedure for mC-Label2.

For further instructions and safety precautions, please refer to the mC-Label2 online manual. Please read the instructions before using the printer.
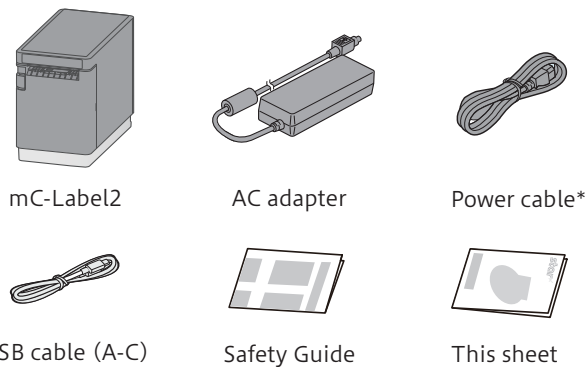
mC-Label2 Online Manual	Check Video of Easy Setup

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Getting Started

Check the Supplied Accessories

If any of the contents are missing or damaged, please contact the dealer that sold you the printer.

mC-Label2	AC adapter	Power cable*
USB cable (A-C)	Safety Guide	This sheet

· The rated nameplate label is attached to the bottom of the product.
*Accessories vary depending on the region where the printer was purchased.

How to Refer to FAQ

You can also see FAQ in the mC-Label2 Online Manual from the QR code on the inside of the printer.
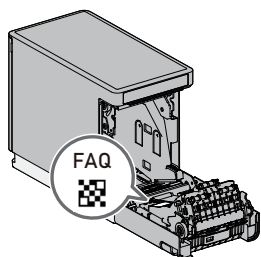

Setup

Before Use

Please remove the protection parts inside the printer and the silica gel inside the rear cover on the back of the printer. (Model name: MCL21CWBI)
Insert your fingernails into the clearances on the left and right sides of the rear cover, and pull out both sides one by one.
Be sure to mount the rear cover before using the printer.
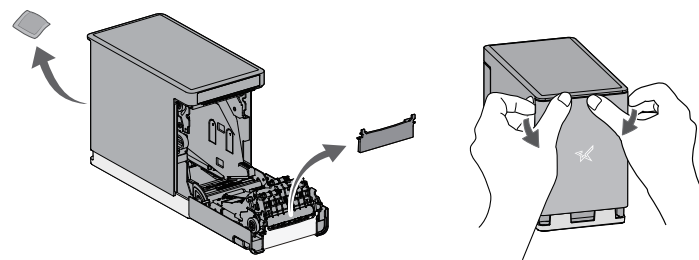
1 Installation

1 Connect the tablet or PC to communicate with the printer according to your environment.

Back of the printer

1	2
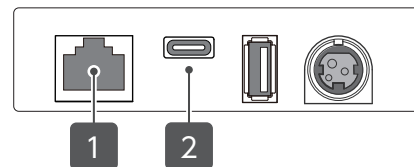
|	Communication /Charging	Supported OS	You will need:
1 Wired LAN	Communication	No restrictions	LAN cable
2 USB-C®	Communication /Charging	iOS/Android	USB cable provided with the tablet
	Communication	PC	USB cable (A-C) included with the printer
3 Wireless LAN	Continue on the back of the sheet		
4 Bluetooth®			

❗ When using a USB cable that is available commercially or that comes with a smartphone or tablet, perform thorough operation verification.

2 Securely plug the provided power cable into the AC adapter ①.

Plug the AC adapter in the correct vertical orientation into the power connector (24 VDC) of the printer ②.

Insert the power cable plug into the electrical outlet ③.

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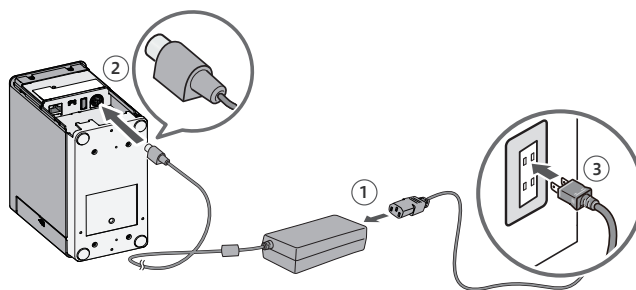
2 Installing a Paper Roll

Types of paper roll that can be used and default settings

|	Linerless label	Die cut label	Continuous label	Receipt paper
MCL21CWBI	✓ Defalt Setting	✓	✓	✓
MCL21CWBI LBL	✕	✓ Defalt Setting	✕	✓

If paper other than the default is used, configure the media (paper type) setting. The media setting can be changed using the configuration app mentioned in Step 4 after connecting the printer.

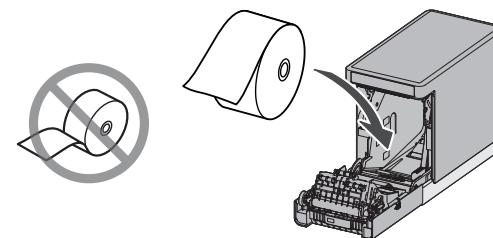**1** Pull the cover opening lever forward to open the printer cover.
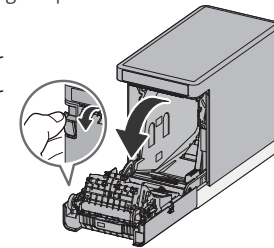
2 Adjust the paper guide.

While pulling down the paper guide lever, slide the guide to the left and right to adjust it to the position of the paper width to be used by referring to the scale.
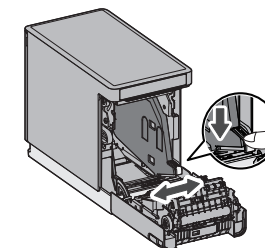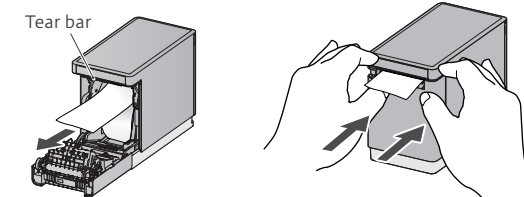
3 Insert a paper roll as shown in the illustration.

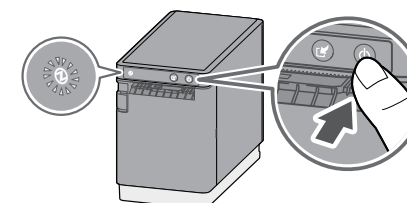**4** Pull the end of the paper roll out straight and close the printer cover.
Use the tear bar to cut the paper manually.

Tear bar

❗ For a linerless label, be careful that the adhesive side does not stick to the printer.

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3 Turning On the Power

Turn on the power and confirm that the Power LED (blue) illuminates.

❗ If communication settings have not been configured because no USB or LAN cable is connected, the QR code for wireless communication settings is printed 20 seconds after the power is turned on.

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4 Preparing/Setting Up the Configuration App

Use the configuration app to set up the printer from a tablet or PC.

Scan the QR code below or search the app to access the download site.

Setting app Download site	

When Using iOS/Android

Star Quick Setup Utility 🔍

Star Quick Setup Utility is an app that runs on iOS/Android devices. It offers useful functions for wireless communication settings, such as checking printer operations and configuring settings.

Initial settings
The printer settings appropriate for the operation situation are provided, such as the media (paper type) setting.

One Touch Label setting
You can easily print the stored original image on labels by simply pressing the Multi-function button on the printer.

For Wireless LAN settings
The app helps users with wireless connection and troubleshooting according to the guidance. For details, refer to "Set Wireless LAN" on the back of the sheet.

For Bluetooth settings
The app allows users to easily configure the Bluetooth settings using the QR code for wireless communication settings, which is printed when the printer is not connected. Select [Start Guide (Initial Settings)] - [Connect Printer Using QR Code].

When Using Windows

Star Windows Software 🔍

Star Windows Software is software that runs on Windows PCs, allowing users to check printer operations and configure settings.
It also contains the Windows printer driver required for printing from Windows applications.

1) Download [Star Windows Software].
2) Select [Extract All...] to extract the downloaded software and execute "Setup.exe".
3) Follow the wizard instructions and complete software installation.

When configuring the network settings
Once a static IP address is assigned, the IP address will not be changed due to the DHCP server, so the specified connection destination device can be used continuously once set.

Driver download site for macOS/Linux
https://www.star-m.jp/supportsite-wsw.html

Set Wireless LAN

❗ If wireless LAN settings have already been configured (when Infrastructure Mode is set), if the USB or LAN cable is connected, or if Bluetooth pairing has been established before, the QR code for wireless communication settings is not printed. To retry the settings, initialize the communication settings (see the separate section).

❗ To use a wireless LAN connection, disconnect the LAN cable. When a wired LAN connection is used, wired LAN communication is prioritized.

❗ Ask your network administrator about the SSID and Security Key of the network to be connected.

❗ If the QR code for wireless communication settings is not printed correctly, connect the tablet/PC to the printer with the USB cable and configure the media setting using the configuration app.

iOS/Android

Use Star Quick Setup Utility prepared in Step 4 on the front of the sheet to configure wireless LAN settings.

| Check Video of Wireless LAN Setting Procedure | |

1 Configure the settings using Star Quick Setup Utility

Launch the app, and select [Start Guide (Initial Settings)] - [Use Wireless LAN].

✓ When the settings are done, the printer is restarted, and print the Wireless Network Diagnosis automatically. If there is no problem with the settings, the IP address is assigned to the printer, and the settings will be successfully completed.

Using a smartphone or tablet connected to the network, you can configure the settings more easily.

─── Setting without Using App ───

1 Print the QR code for wireless communication settings

The printer is factory set to print the QR code for wireless communication settings 20 seconds after the power is turned on. Use "WLAN Setup" printed on the sheet.

2 Configure the WLAN settings of the printer

Scan the QR code in Step ❶ using the camera app to proceed to the screen for connection confirmation. The WLAN settings screen appears a while after [Connect] is tapped for iOS or when SSID is tapped for Android. Configure the settings according to the guidance.

❗ For Android, Tap SSID when "Sign in to network" is displayed under SSID.

❗ If the WLAN settings screen does not appear, refer to the Online Manual.

✓ When the settings are done, the printer is restarted, and Print the Wireless Network Diagnosis is automatically. If there is no problem with the settings, the IP address is assigned to the printer, and the settings will be successfully completed.

Windows

1 Print the printer information for wireless communication settings

The printer is factory set to print the QR code for wireless communication settings 20 seconds after the power is turned on. Use "SSID" and "Security Key" in "WLAN Setup" printed on the sheet.

2 Connect to the printer

1) Right-click the Windows Start icon, open [Settings ⚙], and select [Network & internet] - [Wi-Fi] - "Show available networks".

2) Select the SSID confirmed in ❶ and click [Connect].

3) When you are prompted to "Enter the network security key", enter the Security Key confirmed in Step ❶ and click [Next].

4) After a while, the WLAN settings screen appears.

3 Configure the WLAN settings of the printer

Configure the settings on the displayed WLAN settings screen.

✓ When the settings are done, the printer is restarted, and Print the Wireless Network Diagnosis is automatically. If there is no problem with the settings, the IP address is assigned to the printer, and the settings will be successfully completed.

If Wireless Network Diagnosis prints "Fail"

If there is a problem with any item of the settings, "Fail" is printed for the problematic item. Turning off and then on the printer power resets the wireless settings to the factory settings. Retry the settings.

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Set Bluetooth

The printer is factory set to print the QR code for wireless communication settings 20 seconds after the power is turned on. You can check the device name (mC-Label2-XXXXX) for pairing by seeing "Dev Name" in "Bluetooth Setup" on the sheet of the QR code.

❗ If Bluetooth pairing has been established before, if wireless LAN settings have already been configured (when Infrastructure Mode is set), or if the USB or LAN cable is connected, the QR code for wireless communication settings is not printed. To retry the settings, initialize the communication settings (see the separate section).

iOS

Open the smartphone/tablet settings screen and select Bluetooth.
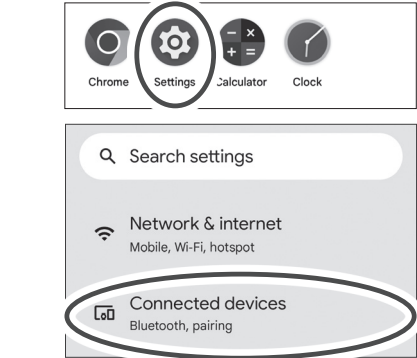
Turn Bluetooth on.

Select the device (mC-Label2-XXXXX) from the displayed list.

When "Connected" is displayed, pairing is completed.

Android

Open the smartphone/tablet Settings and select Connected devices.

Open [Pair new device] and select the device (mC-Label2-XXXXX).
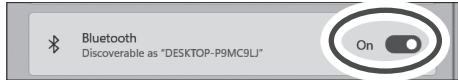
When the selected device name is displayed in "Available devices", pairing is completed.
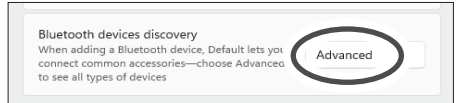
Windows

This procedure is for the Windows 11 environment. For other environments, refer to the Online Manual.

Right-click the Windows Start icon, open [Settings ⚙], and turn Bluetooth on under "Bluetooth & other devices".
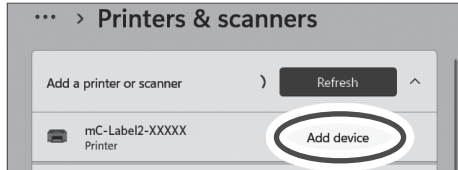
Open [Devices] and select [Advanced] in "Bluetooth devices discovery" under "Device settings".

Select [Add device] next to "Add a printer or scanner" under "Printers & scanners".

Select the device (mC-Label2-XXXXX) and click or tap [Add device].

When the device appears in "Printers & scanners", pairing is completed.

❗ After a few moments, the message "Driver is unavailable" will be displayed, but pairing is completed.

Initialize Communication Settings

If you fail to configure the communication settings, initialize the printer communication settings. Use the following procedure to reset the printer communication settings to the factory settings:

1) Turn the printer power off.

2) While holding down the RESET switch on the rear of the printer with a pen that has a fine point, keep pressing the Power button on the front of the printer until the Power LED illuminates.

Next, keep pressing the RESET switch until the Network LED (green) flashes, and then release it.

3) Press the Multi-function button to change the flashing LED so that you can select the communication setting initialization type.

With the target communication setting initialization LED flashing, press and hold the Multi-function button until the LED goes off to perform initialization.

Bluetooth LED	Network LED	Initialization behavior
OFF	Flashing	Initializing the wired/Wireless LAN settings
Flashing	OFF	Initializing the Bluetooth settings
Flashing	Flashing	Initializing the wired/Wireless LAN and Bluetooth settings

4) The printer is restarted, and the initialization is completed.

Sign Up for Star Micronics Cloud Services

If you connect mC-Label2 to the internet and register it with Star Micronics Cloud Services, helpful cloud services for operating your store are available for free.

Star Micronics Cloud
✓Label Builder
✓Device Monitor

Internet

Label Builder
It allows anyone to create label data intuitively.
The created data can be directly printed or registered to One Touch Label.

Device Monitor
You can check the status of the printer and set email notifications for parts cleaning and replacement.

| Scan to Learn More | | Scan to Register | |

Service site   Registration site