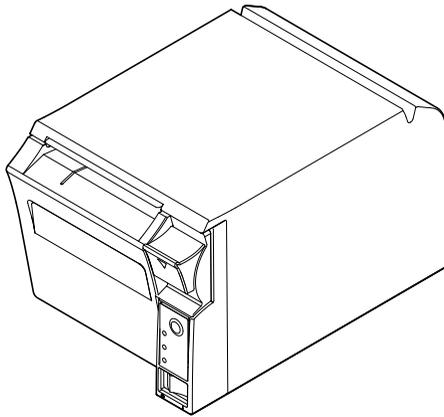


TM-T70-i

User's Manual / 使用説明書



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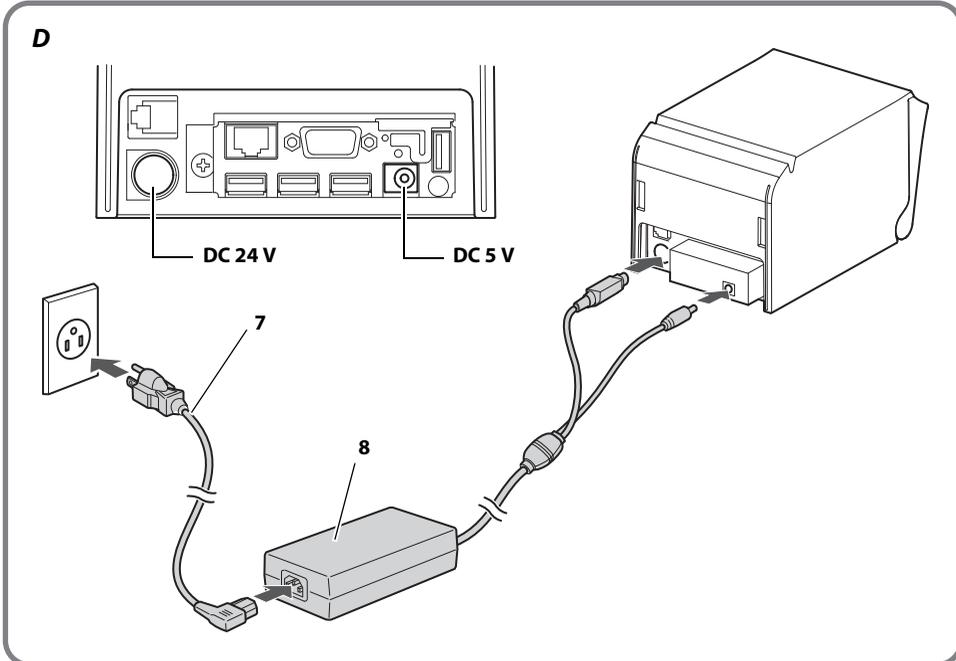
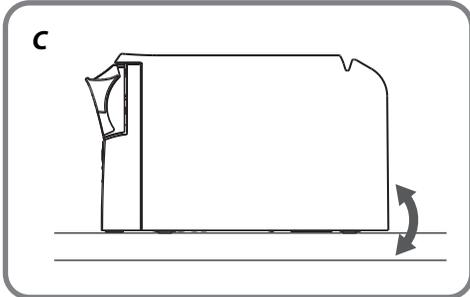
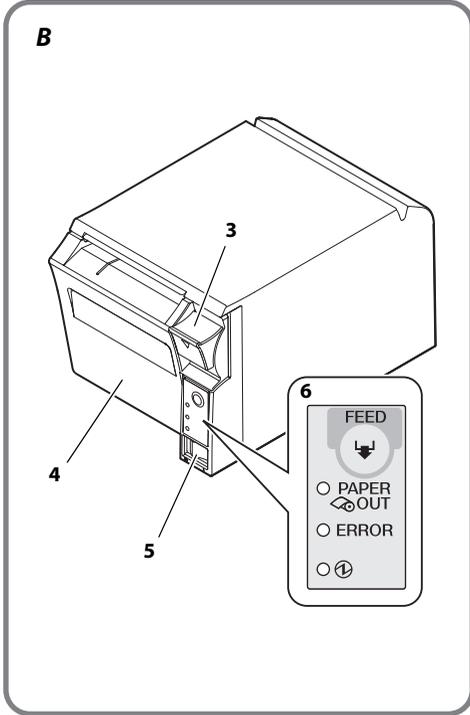
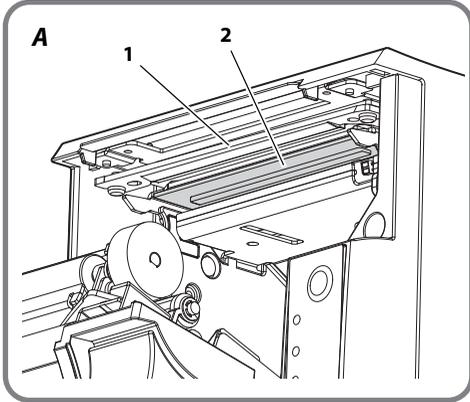
Open Source Software License

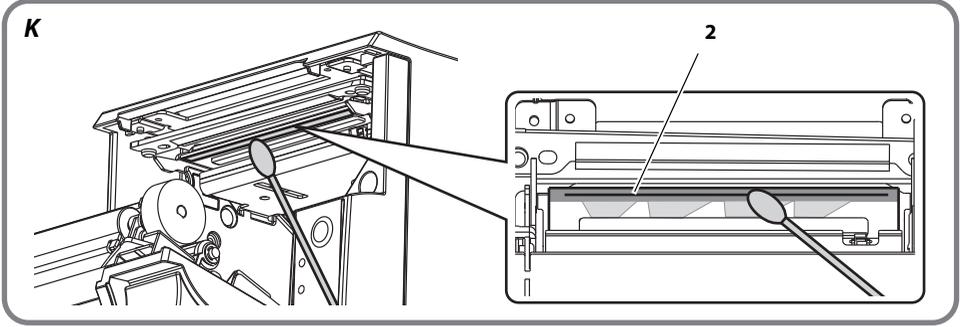
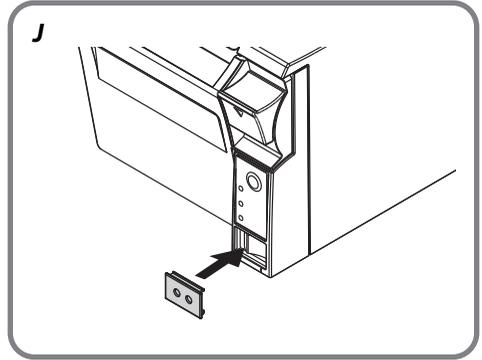
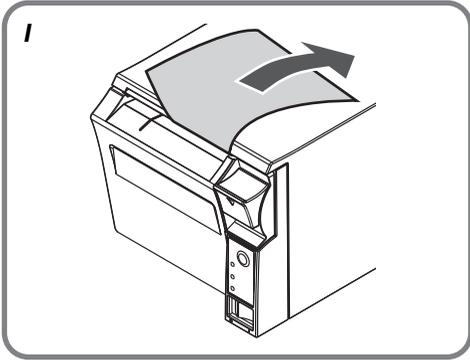
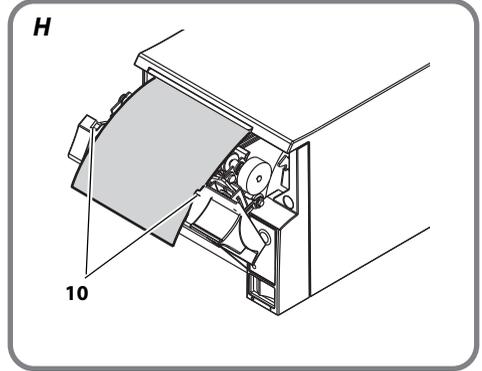
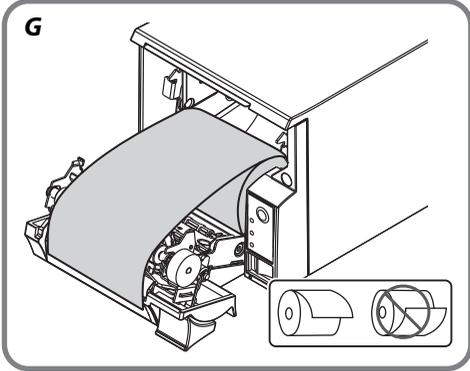
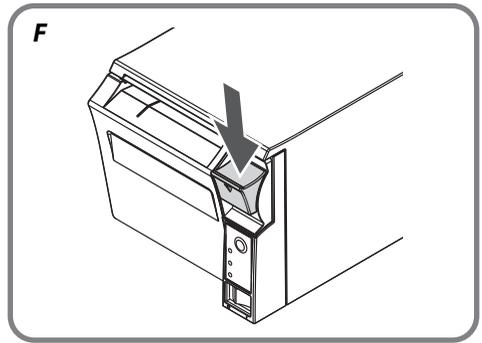
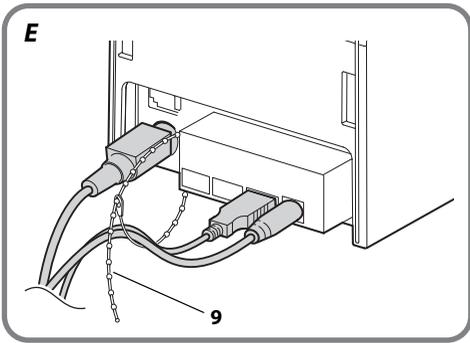
- 1) This printer product includes open source software programs listed in Section 5) according to the license terms of each open source software program.
- 2) We provide the source code of the GPL Programs and LGPL Programs until five (5) years after the discontinuation of same model of this printer product. If you desire to receive the source code above, please contact the customer support for your region. You shall comply with the license terms of each open source software program.
- 3) The open source software programs are WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. See the license agreements of each open source software program for more details.
- 4) OpenSSL toolkit
This printer product includes software developed by the OpenSSL project for use in the OpenSSL Toolkit (<http://www.openssl.org/>).
This product includes cryptographic software written by Eric Young (ey@cryptsoft.com).
- 5) The list of open source software programs included with this printer product and the whole license agreements of each license can be found in the following URL.

<http://xxx.xxx.xxx.xxx/licenses/>

* For the underlined part in the above URL, input each printer's IP address.

Illustrations





English

Illustrations

Most of the illustrations are at the beginning of this manual. They are identified by letters (A, B, C . . .). Some of the illustrations have numbers in them. See the list below for the meaning of the numbers.

- | | |
|---------------------|-------------------------|
| 1. Autocutter blade | 6. Control panel |
| 2. Thermal head | 7. AC cable |
| 3. Cover open lever | 8. Dedicated AC adapter |
| 4. Printer cover | 9. Cable band |
| 5. Power switch | 10. Paper guides |

WARNING

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Restriction of Use

When this product is used for applications requiring high reliability/safety, such as transportation devices related to aviation, rail, marine, automotive, etc.; disaster prevention devices; various safety devices, etc.; or functional/precision devices, etc.; you should use this product only after giving consideration to including fail-safes and redundancies into your design to maintain safety and total system reliability. Because this product was not intended for use in applications requiring extremely high reliability/safety, such as aerospace equipment, main communication equipment, nuclear power control equipment, or medical equipment related to direct medical care, etc., please make your own judgment on this product's suitability after a full evaluation.

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Purpose of This Manual

This manual provides information describing basic operations to operators of the TM-T70-i to enable safe and correct use of the printer.

Important Safety Information

This section presents important information intended to ensure safe and effective use of this product. Read this section carefully and store it in an accessible location.

Key to Symbols

The symbols in this manual are identified by their level of importance, as defined below. Read the following carefully before handling the product.

**WARNING:**

Warnings must be followed carefully to avoid serious bodily injury.

**CAUTION:**

Cautions must be observed to avoid minor injury to yourself, damage to your equipment, or loss of data.

**Note:**

Notes have important information and useful tips on the operation of your equipment.

Safety Precautions

**WARNING:**

Shut down your equipment immediately if it produces smoke, a strange odor, or unusual noise. Continued use may lead to fire. Immediately unplug the equipment and contact your dealer or a Seiko Epson service center for advice.

Never attempt to repair this product yourself. Improper repair work can be dangerous.

Never disassemble or modify this product. Tampering with this product may result in injury or fire.

Be sure to use the specified AC adapter. Connection to an improper power source may cause fire.

Do not allow foreign matter to fall into the equipment. Penetration by foreign objects may lead to fire.

If water or other liquid spills into this equipment, unplug the power cord immediately, and then contact your dealer or a Seiko Epson service center for advice. Continued usage may lead to fire.

Do not use aerosol sprayers containing flammable gas inside or around this product. Doing so may cause fire.

**CAUTION:**

Do not connect cables in ways other than those mentioned in this manual. Different connections may cause equipment damage and burning.

Be sure to set this equipment on a firm, stable, horizontal surface. The product may break or cause injury if it falls.

Do not use in locations subject to high humidity or dust levels. Excessive humidity and dust may cause equipment damage or fire.

Do not place heavy objects on top of this product. Never stand or lean on this product. Equipment may fall or collapse, causing breakage and possible injury.

To ensure safety, unplug this product before leaving it unused for an extended period.

Before moving this product, be sure to unplug it and all the cables connected to it.

Do not connect a telephone line to the drawer kick-out connector; otherwise the printer and the telephone line may be damaged.

Caution Labels

The caution labels on the product indicate the following precautions.

  **CAUTION:**

The thermal head can be very hot during printing and immediately after printing. Touching it may cause burns. Be sure to do cleaning and other work after the thermal head cools down. Also, be careful of the autocutter blade near the thermal head. See illustration **A** on page iii for the location of the thermal head and the autocutter blade.

 **CAUTION:**

When connecting external devices to the USB (including Micro-USB) connectors, follow the precautions below.

- Confirm the rated current of the external devices by checking the descriptions on the devices or manuals. Do not use a device whose rated current is unclear.
- Use the UL-approved external devices (only for North American users).
- Connect the external devices only when those total rated current is less than 2.0 A.

Setting Up the Printer

To set up the printer, follow the steps below.

1. Unpacking (See “Unpacking” on page 3.)
2. Installing the printer (See “Installing the Printer” on page 4.)
3. Connecting to a power source (See “Connecting to a Power Source” on page 4.)
4. Connecting to an external device
(See “Connecting to External Devices” on page 5.)
5. Arranging the cables (See “Arranging the Cables” on page 5.)
6. Installing the roll paper (See “Installing Roll Paper” on page 6.)
7. Operation check with test print (See “Test Printing” on page 6.)

Unpacking

The following items are included with the standard specification printer. If any item is damaged, contact your dealer.

- | | |
|---|---|
| <input type="checkbox"/> Printer | <input type="checkbox"/> Roll paper (for operation check) |
| <input type="checkbox"/> Power switch cover | <input type="checkbox"/> AC adapter |
| <input type="checkbox"/> AC cable | <input type="checkbox"/> User’s Manual (this manual) |

Part Names

See illustration **B**.

Control Panel

FEED button

This button feeds paper.

PAPER OUT LED

On indicates a paper near end or out. Flashing indicates standby.

ERROR LED

This indicates an error.

(Power) LED

This LED is on when the printer is on.

Installing the Printer

You can install this printer only horizontally.

Fix the printer so that it does not move around when you open the printer cover and cut roll paper. A tape for fixing the printer is available as an option.

As shown in the illustration **C**, install the printer with a maximum tilt of 3°. Installing the printer with a tilt of more than 3° may cause the following problems.

- Roll paper near end cannot be detected.
- The printer cover will not close after installing roll paper.
- Roll paper cannot be taken out.

Connecting to a Power Source

WARNING:

Be sure to use the specified AC Adapter [AC ADAPTER, RA Model: M266A] only.

Note:

It takes approximately 30 seconds after the printer is turned on until it is ready for printing.

Use the power switch on the front of the printer to turn the printer on and off.

Make sure the power switch is turned off, and connect the dedicated AC adapter to the printer, as shown in illustration **D**.

Connecting to External Devices

CAUTION:

When connecting external devices to the USB (including Micro-USB) connectors, follow the precautions below.

- Confirm the rated current of the external devices by checking the descriptions on the devices or manuals. Do not use a device whose rated current is unclear.
- Use the UL-approved external devices (only for North American users).
- Connect the external devices only when those total rated current is less than 2.0A.

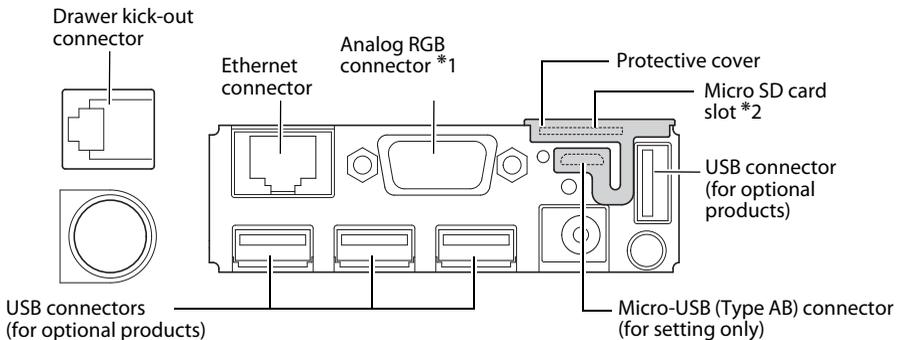
When using the printer, make sure the protective cover indicated in the illustration below fits firmly into place.

When LAN cables are installed outdoors, make sure devices without proper surge protection are cushioned by being connected through devices that do have surge protection. Otherwise, the devices can be damaged by lightning.

Note:

Connecting the optional Wireless LAN Cable Set (OT-WL01) to the USB connector enables the wireless LAN connection. While connecting via wireless LAN, keep the Ethernet cable unconnected to the printer.

1. Connect each cables to the connectors at the back of the printer. See the illustration below for the positions of the connectors.



*1: Currently unavailable.

*2: Available when using the PHP function. See the *TM Intelligent Printer PHP Setup Manual* for how to set up the PHP environment.

2. Connect other ends of the cables to external devices.

Arranging the Cables

When installing cables without locking connectors (USB cable and DC 5 V cable) through the cable exits on the back, fix the cables with the cable band to prevent the cables from coming off. (See illustration **E**.)

Note:

When attaching the optional connector cover (OT-CC70), use multiple cable exits depending on the number of the cables. After installing, make sure the cables are not pinched by the connector cover.

Installing Roll Paper

1. Press the lever indicated by the arrow in illustration **F** to open the printer cover.
2. Remove the used roll paper core.
3. Install the roll paper in the correct direction, as shown in illustration **G**.
4. Pull out some roll paper as shown in illustration **H** so that the paper is set between the paper guides.
5. Close the printer cover, and make sure that the roll paper is properly installed between the paper guides.
6. Tear off the roll paper as shown in illustration **I** on page iv.

Test Printing

After the printer setup or when the printer is not operating correctly, you can check the printer operation with test printing. If the printer performs pattern printing when you follow the steps below, the printer is operating normally.

1. Make sure the paper is correctly inserted and all the covers are closed.
2. While pressing the FEED button, turn on the printer.
3. After the printer prints its status and the PAPER OUT LED flashes, press the FEED button again to restart the test printing.

The test printing is completed when "**** completed****" is printed.

Attaching the Power Switch Cover

The enclosed power switch cover ensures that the power switch is not pressed accidentally. You can turn the power switch on and off by inserting a sharp-pointed object in the holes in the power switch cover. To remove the cover, use a sharp-pointed object.

To use this cover, install it as shown in illustration **J**.



WARNING:

If an accident occurs with the power switch cover attached, unplug the power cord immediately. Continued use may cause fire or shock.

About Network Connection

Confirming the Network Settings

Make sure the printer is turned on, press the push button at the interface part (shown in the following illustration) for approximately 3 seconds. When you release the button, a status sheet on which network parameters are printed will be ejected.

With the status sheet, you can check all the settings necessary for connecting to the network.

Note:

If you keep pressing the button for more than 10 seconds, the network settings are initialized. (See "Initializing the Network Setting" on page 7.)

The printer is initially set so that the IP address for the wired LAN will be obtained by DHCP. When you turn on the printer, the IP address is obtained and then it will be printed out automatically.

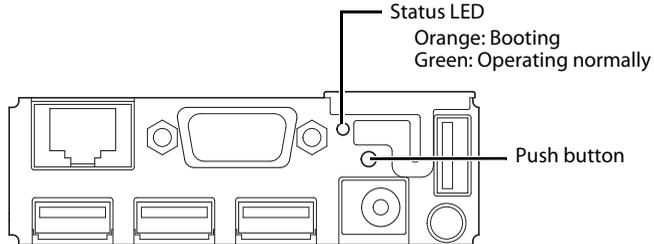
Network Setting

Make the same settings on the computer and access points as those printed in the status sheet.

Use the web browser to make the network settings. Input the printer's IP address in an address bar of the web browser, and make the network settings as directed in *TM-T70-i Technical Reference Guide*.

Initializing the Network Setting

To reset the network settings to the default values, press the push button at the interface part (shown in the following illustration) for more than 10 seconds. When you release the button, the initialization will be started.



Troubleshooting

No lights on the control panel

Check whether the printer is correctly connected to a power source. (See “Connecting to a Power Source” on page 4.)

ERROR LED on (not flashing) with no printing

- Check whether the roll paper cover is closed. If it is open, close it.
- If PAPER OUT LED is **on**, check whether the roll paper is correctly installed and any roll paper remains.

ERROR LED flashing with no printing (and no paper jam)

Printing stops if the thermal head overheats and resumes automatically when it cools.

For other cases, turn the printer off, and after 10 seconds, turn it back on.

No connection to external devices

When the status LED (shown in the illustration on page -7) is lit in green

- Check whether the interface cable or the wireless LAN cable set (optional product) is connected correctly. (See “Connecting to External Devices” on page 5.)
- Print the status sheet to check whether the network settings are correct. (See “Confirming the Network Settings” on page 6.)

When the status LED (shown in the illustration on page -7) is off / lit in orange

When the status LED is off after turning on the printer or remains lit in orange even if 30 seconds have passed after turning on the printer, the interface board needs repairing.

Paper is jammed

**CAUTION:**

Do not touch the thermal head because it can be very hot after printing.

1. Turn the printer off and press the cover open lever.
2. Remove jammed paper, reinstall the roll, and close the printer cover.

Cleaning

Cleaning the Printer Case

Be sure to turn off the printer, and wipe the dirt off the printer case with a dry cloth or a damp cloth.

**CAUTION:**

Never clean the product with alcohol, benzine, thinner, or other such solvents. Doing so may damage or break the parts made of plastic and rubber.

Cleaning the Thermal Head

**CAUTION:**

After printing, the thermal head can be very hot. Do not touch it and to let it cool before you clean it. Do not damage the thermal head by touching it with your fingers or any hard object.

Turn off the printer and open the printer cover. As shown in illustration **K**, clean the thermal elements of the thermal head with a cotton swab moistened with an alcohol solvent (ethanol or IPA).

Epson recommends cleaning the thermal head periodically (generally every 3 months) to maintain receipt print quality.

Specifications

Printing method	Thermal line printing
Printing width	72.2 mm, 512 dot positions
Roll Paper (single-ply)	Size: 79.5 mm \pm 0.5 mm Maximum outside diameter: 83 mm Roll Paper spool diameter: Inside: 12 mm; Outside: 18 mm
Thermal paper type	Specified: NTP080-80
Interface*¹	Ethernet (10/100Base-T/TX), USB (Compliance: USB 2.0), Micro-USB (Compliance: USB 2.0), Analog RGB (VGA)
Power supply (Dedicated AC adapter)*²	AC ADAPTER,RA Model: M266A (DC 24V/DC 5V)
Current consumption	DC 24 V/1.8 A, DC 5 V/2.5 A
Temperature	Operating: 5 to 45°C Storage: -10 to 50°C, except for paper
Humidity	Operating: 10 to 90% RH Storage: 10 to 90% RH, except for paper
Overall dimensions	114 \times 125 \times 194 mm (H \times W \times D)
Weight (mass)	Approx. 1.8 kg (Roll paper excluded)

*1: The USB connector is only for the optional product, and the Micro-USB connector is for setting. The analog RGB connector is not available currently.

*2: Be sure to use the included dedicated AC adapter.

中文（繁體字）

圖示

大部分圖示均列於本說明書前頁。圖示以文字（A、B、C…）來識別。部分圖示中有編號。請參閱以下清單，瞭解編號意義。

- | | |
|----------|------------|
| 1. 自動裁刀 | 6. 控制面板 |
| 2. 熱感印字頭 | 7. 電源線 |
| 3. 開蓋桿 | 8. 專用電源供應器 |
| 4. 印表機前蓋 | 9. 纜線束帶 |
| 5. 電源開關 | 10. 導向裝置 |

警告使用者：

此為甲類資訊技術設備，於居住環境中使用時，可能會造成射頻擾動，在此種情況下，使用者會被要求採取某些適當的對策。

使用限制

將本產品用於飛機、列車、船舶、汽車等的與運行直接相關的裝置、防災防盜裝置、各種安全裝置等，或者機能、精密裝置等需要具備高度可信性、安全性的用途時，為維持這些系統整體的可信性與安全，請採取故障自動防護設計及冗長設計等措施，在確保系統全體安全的基礎上使用本產品。本產品並非以使用於太空機器、幹線通信機器、原子力控制機器、醫療機器等需具備高度可信性與安全性的用途。若使用於前述用途時，請客戶充分進行確認和判斷本產品的適用性。

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此說明書目的

此說明書向操作人員提供 TM-T70-i 基本操作的說明，以便於採用安全正確的方式使用此印表機。

重要安全資訊

這一部分介紹有關確保本產品的安全和有效使用的重要資訊。請仔細閱讀此部分，並將其保存在便於拿到的地方。

主要標

本手冊中的標，根據重要程度而分別為如下等級。在使用產品之前，請仔細閱讀以下內容。



警告：

必須小心遵守警告事項，以免受重傷。



注意：

必須小心注意事項，以免使用者自己受輕傷、損傷機器或資料丟失。



備註：

備註中含有操作設備的重要資訊與實用技巧。

安全防範



警告：

如果發生冒煙、異常氣味、或者不尋常的噪音時，請立即關閉機器。繼續使用可能會引起火災。應該立即拔除電源，並與經銷商或愛普生服務中心聯繫取得處理辦法。

請勿試圖自己進行印表機的維修。不正確的維修是很危險的。

請勿自行拆卸或維修。不正確的動作會引起受傷或火災。

請務必使用指定的 AC 適配器。若連接不適當的電源，可能造成火災。

應該避免任何異物落入印表機內，以免導致火災。

如果有水或其他液體流入印表機內部，請立即拔除電源，並且與經銷商或愛普生服務中心聯繫取得處理辦法。繼續使用可能會導致火災。

請勿在本產品的內部及周圍使用可燃性氣體的噴霧器。否則可能造成火災。



注意：

請勿使用未在本手冊中提到的方法來連接纜線，不同連接方式可能會使印表機損壞或引起火災。

確認將印表機放置在一個固定，穩定的水平表面上。印表機如果落下則可能會導致破碎或傷害。

請勿在潮濕或灰塵多的地方使用印表機。過度的潮濕和過量的灰塵可能使得印表機損壞或發生火災。

請勿在印表機上放置任何重物。請勿站在機器上或靠在機器上，這些作法可能會使印表機摔落或毀損，或可能導致損壞和傷害。

為保證安全，長時間不使用印表機時，應將印表機的電源線拔出。

請勿將電話線連接於錢箱 - 輸出插槽或顯示器模組插槽，否則印表機與電話線可能會受損。

注意標籤

產品上的注意標籤表示下列注意事項。

注意：

熱感印字頭在列印中以及列印後可能溫度很高，觸摸時可能會燙傷。請待其冷卻後，再進行清潔和其他工作。此外，請注意熱感印字頭旁邊的自動裁刀。關於熱感印字頭和自動裁刀的位置，請參閱第 iii 頁的圖示 A。

注意：

將外部裝置連接至 USB（包括 Micro-USB）連接器時，請遵循下列注意事項。

- 請檢查外部裝置上的說明或手冊而確認其額定電流。請勿使用額定電流不清楚的裝置。
- 請使用獲得 UL 認證的外部裝置（僅限於北美使用者）。
- 請只在外部裝置的額定電流總值低於 2.0A 時進行連接。

設定印表機

請依照以下步驟設定印表機：

1. 開箱（請參閱第 13 頁的開箱）
2. 安裝印表機（請參閱第 14 頁的安裝印表機）
3. 連接至電源（請參閱第 14 頁的連接至電源）
4. 連接至外部裝置（請參閱第 14 頁的連接至外部裝置）
5. 排布纜線（請參閱第 15 頁的排布纜線）
6. 安裝紙卷（請參閱第 15 頁的安裝紙卷）
7. 以測試列印的方式檢查運作狀態（請參閱第 15 頁的測試列印）

開箱

下列項目為印表機所包含的標準規格。如果任何項目受到損壞，請與經銷商聯繫。

- | | |
|--------------------------------|--|
| <input type="checkbox"/> 印表機 | <input type="checkbox"/> 紙卷（檢查運作狀態時使用） |
| <input type="checkbox"/> 電源開關蓋 | <input type="checkbox"/> 電源供應器 |
| <input type="checkbox"/> AC 電線 | <input type="checkbox"/> 使用說明書（本說明書） |

零件名稱

請參閱圖示 B。

控制面板

送紙（FEED）鍵

按下此鍵送紙。

缺紙（PAPER OUT）指示燈

亮起表示紙卷將要用完或缺紙狀態。閃爍表示待機狀態。

錯誤（ERROR）指示燈

表示有錯誤。



（電源）指示燈

打開印表機時，此指示燈亮起。

安裝印表機

只可以把印表機水平的安裝。

請固定印表機以免在打開印表機前蓋以及裁切紙卷時到處移動。可以利用配件帶子來固定印表機。

如圖示 C 所示，請在保持最大傾斜 3° 的狀態下安裝印表機。如果在傾斜大於 3° 的狀態下安裝印表機，可能導致下列問題。

- ❑ 不能偵測紙卷將要用完的狀態。
- ❑ 安裝紙卷后，印表機前蓋不能關閉。
- ❑ 不能取出紙卷。

連接至電源



警告：

請務必僅使用指定的 AC 適配器 [AC ADAPTER, RA (型號：M266A)]。



備註：

打開印表機後需要大約 30 秒，到列印準備完成為止。

請用印表機前面的電源開關打開或關閉電源。

請在確定電源開關關閉後，將專用電源供應器連接至印表機，如圖示 D 所示。

連接至外部裝置



注意：

將外部裝置連接至 USB (包括 Micro-USB) 連接器時，請遵循下列注意事項。

- 請檢查外部裝置上的說明或手冊而確認其額定電流。請勿使用額定電流不清楚的裝置。
- 請使用獲得 UL 認證的外部裝置 (僅限於北美使用者)。
- 請只在外部裝置的額定電流總值低於 2.0A 時進行連接。

使用本印表機時，請確認以下圖標示的保護蓋是否固定在規定位置。

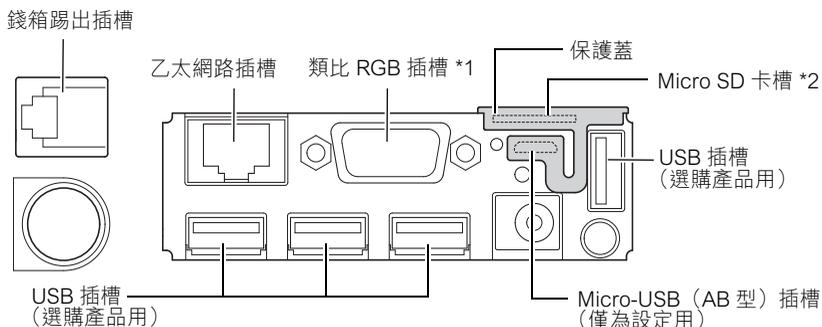
LAN 纜線被設置在外面時，請確保以透過具有浪湧保護的裝置連接來緩和沒有適當的浪湧保護的裝置。否則，裝置可能因閃電導致損壞。



備註：

透過將選購的無線 LAN 纜線套 (OT-WL01) 連接至 USB 插槽，可利用無線 LAN 連接。透過無線 LAN 連接時，請保持乙太網路纜線沒有連接印表機的狀態。

1. 請將各纜線連接至印表機背面的插槽。關於插槽的位置，請參閱下列圖示。



*1 現在不能利用。

*2 可在使用 PHP 功能時利用。關於 PHP 環境的設定方法，請參閱 TM 智慧型印表機 PHP 設定手冊。

2. 請將纜線的另一端連接至外部裝置。

排布纜線

在沒有鎖上插槽 (USB 纜線和 DC5V 纜線) 的狀態下，透過背面的纜線出口設置纜線時，請用纜線束帶來固定纜線，以免纜線脫落 (請參閱圖示 E)。

 備註：

裝上選購的插槽蓋 (OT-CC70) 時，請依照纜線數量使用多用途纜線出口。設置後，請確定纜線沒有被插槽蓋夾住。

安裝紙卷

1. 按下以圖示 F 中的箭頭標示的開蓋桿，以打開印表機前蓋。
2. 拿出用過的紙卷芯。
3. 將紙卷安裝在正確方向如圖示 G 所示。
4. 拉出一些紙卷如圖示 H 所示，以將紙卷設置在紙卷導向裝置之間。
5. 蓋上印表機前蓋並確認紙卷適當地安裝在紙卷導向裝置之間。
6. 將露出的紙撕掉如第 iv 頁的圖示 I。

測試列印

完成印表機設定或印表機未正確運作時，可使用測試列印的方式檢查印表機運作狀態。若印表機遵循以下步驟而執行模式列印程序，表示印表機運作正常。

1. 確認紙卷已正常插入以及所有蓋已蓋上。
2. 在按下**送紙 (FEED)** 鍵的狀態下，打開印表機。
3. 印表機列印狀態以及**缺紙 (PAPER OUT)** 指示燈閃爍後，請再按下**送紙 (FEED)** 鍵，以重新開始測試列印。

列印 "**** completed****" 時即表示完成測試列印。

裝上電源開關蓋

附帶的電源開關蓋是為了防止意外按下電源開關。在電源開關蓋的孔中插入尖頭物體可打開和關閉電源開關。要拆下開關蓋，請使用尖頭物體。

要使用此蓋，請按照圖示 J 進行安裝。

⚠ 警告：

在電源開關蓋蓋上的狀態下發生任何故障時，請立即拔出電源線，繼續使用有可能導致火災或觸電。

關於網路連接

確認網路設定

請確認印表機的電源已打開並按下介面部（如下圖所示）的按鈕大約 3 秒鐘。您放開按鈕時，列印網路參數的狀態表會出來。

透過使用狀態表，您可以檢查網路連接所需要的所有設定內容。

🔧 備註：

如果按住此按鈕 10 秒鐘以上，將會對網路設定會進行初始化（請參閱第 16 頁的“網路設定的初始化”）。

對印表機進行初始化，以便透過 DHCP 取得用於有線 LAN 的 IP 地址。打開印表機電源時，將取得 IP 地址并自動對其進行列印。

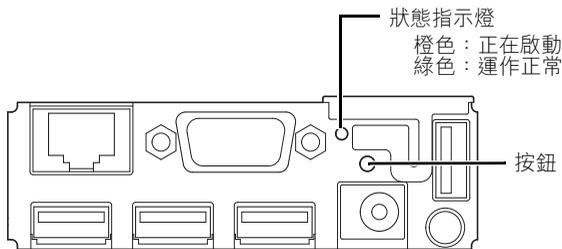
網路設定

請對電腦和列印在狀態表中的存取點進行同樣的設定。

請使用 web 瀏覽器設定網路。請將印表機 IP 地址輸入到 web 瀏覽器的地址欄中，並依照 TM-T70-i Technical Reference Guide 進行網路設定。

網路設定的初始化

需要將網路設定重設為內定值時，請按下介面部（如下圖所示）的按鈕 10 秒鐘以上。您放開按鈕時，將會開始初始化。



故障排除

控制面板上沒有燈亮

檢查印表機與電源的連接情況（請參閱第 14 頁的“連接至電源”）。

錯誤指示 (ERROR) 燈亮起 (不閃爍) 且無法列印

- ❑ 檢查紙卷蓋是否關閉。如果有打開，請關閉。
- ❑ 如果缺紙指示 (PAPER OUT) 燈亮起，檢查紙卷是否正確安裝以及是否用完。

錯誤指示 (ERROR) 燈閃爍且無法列印 (無卡紙)

如果熱感印字頭過熱，印表機會停止工作，待冷卻後會自動恢復列印。
其他情況時，關閉印表機並等 10 秒鐘後再打開電源。

沒有連接至外部裝置

狀態指示燈 (如第 16 頁的圖所示) 亮起綠色時

- ❑ 檢查介面纜線或無線 LAN 纜線套 (選購品) 是否正確連接 (請參閱第 14 頁的 “連接至外部裝置”)。
- ❑ 列印狀態表以檢查網路設定是否正確 (請參閱第 16 頁的 “確認網路設定”)。

狀態指示燈 (如第 16 頁的圖所示) 熄滅 / 亮起橙色時

打開印表機後狀態指示燈熄滅或者打開印表機 30 秒鐘後仍然亮著橙色燈時，表示介面板需要修理。

卡紙

注意：

熱感印字頭在列印後可能溫度很高，請勿觸摸。請待其冷卻後，再取出卡紙。

1. 關閉印表機並按下開蓋桿。
2. 取出卡紙，重新安裝紙卷，然後蓋上印表機前蓋。

清潔

清潔印表機殼

確保關閉印表機，並用一塊乾布或濕布擦除印表機殼上的灰塵。

注意：

切勿使用酒精、汽油、稀釋劑或其他類似溶劑清潔印表機。否則，可能會使塑膠和橡膠零件損壞或斷裂。

清潔熱感印字頭

注意：

列印後熱感印字頭會變得非常燙，請勿觸碰，應待其冷卻後再進行清潔。請勿以手指或其他硬物碰觸以免損壞熱感印字頭。

關閉印表機，打開印表機前蓋。如圖示 K 所示，使用沾有稀釋酒精 (乙醇或異丙醇) 的棉花棒清潔熱感印字頭感熱元件。

Epson 建議定期清潔熱感印字頭 (通常每三個月一次)，以保證收據的列印品質。

規格

列印方式	熱感式印表機
列印寬度	72.2 mm, 512 點
紙卷 (單層)	尺寸 : 79.5 mm ± 0.5 mm 最大外圍直徑 : 83mm 紙卷軸直徑 內側 : 12 mm ; 外側 : 18 mm
感熱紙種類	指定 : NTP080-80
介面 *1	乙太網路 (10BASE-T/100BASE-TX) , USB (依從 : USB 2.0) Micro-USB (依從 : USB 2.0) , 類比 RGB (VGA)
電源 (專用電源供應器) *2	AC ADAPTER, RA 型號 : M266A (DC 24V/DC 5V)
電流損耗	DC 24 V/1.8 A, DC 5 V/2.5 A
溫度	操作中 : 5 至 45 °C 存儲中 : -10 至 50 °C , 除紙張以外
溼度	操作中 : 10 至 90%RH 存儲中 : 10 至 90%RH , 除紙張以外
外部尺寸	114 × 125 × 194 mm (H × W × D)
重量 (質量)	大約 1.8 kg (紙卷除外)

*1 : USB 插槽僅用於選購品 , 而 Micro-USB 插槽用於設定。現在類比 RGB 插槽不能利用。

*2 : 請務必使用附帶的專用電源供應器。

其他資訊

製造年份及製造號碼 : 見機體標示

生產國別 : 見機體標示

製造商 : SEIKO EPSON CORPORATION

地址 : 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502, Japan

網站 : <http://www.epson.com/>

電話 : 81-263-52-2552

進口商 : 台灣愛普生科技股份有限公司

地址 : 台北市信義區松仁路 100 號 15 樓

15F, No.100, Songren Rd., Sinyi Dist., Taipei City, Taiwan

電話 : (02) 8786-6688 (代表號)

