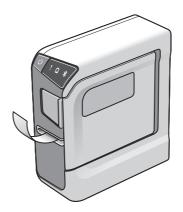
# TEPRA PRO





## **SR-R5600GS**

### **User's Manual**

Always read this document and the following label editing software user's manuals before using this product.

#### SPC10 User's Manual

Describes how to use the "TEPRA Label Editor SPC10" for Windows.

#### **TEPRA LINK 2 User's Manual**

Describes how to use "TEPRA LINK 2" for iOS/Android.



https://www.kingjim.co.jp/english/download/manual.html



#### Introduction

Thank you for purchasing this label printer "TEPRA" PRO SR-R5600GS. Please read this User's Manual carefully before using this product.

- Use "TEPRA" PRO tape cartridge with this printer.
- Using this printer in close proximity to televisions, radios, or other digital receivers may cause feedback noise.
- Due to continuous improvement, actual product and product specifications described in this manual may differ or be changed without notice. Use this manual as a reference only.

#### **!!CAUTION!!**

- About labels created by "TEPRA" PRO
  - Depending on the material of the surface or environmental conditions involved in the adhesion of the tape, the glue from the label could stick to and damage surfaces without the possibility for removal. This disclaimer releases us from any responsibility whatsoever for any damages or loss this may cause.
- Do not operate this product in any way not found in this manual. Doing so could cause an
  accident or malfunction.

#### License agreement for open source software

For details of the license agreement for open source software, download TEPRA Label Editor SPC10 from the KING JIM website (https://www.kingjim.co.jp/english/) and refer to the "OSSLicense.pdf" file in the [License] folder.

- "KING JIM", "TEPRA", "TEPRA PRO", P TAPE logo and R TAPE logo are trademarks of KING JIM CO., LTD.
- "iOS" and "App Store" are trademarks of Apple Inc.
- "Android" and "Google Play" are trademarks of Google LLC.
- "QR Code" is registered trademark of DENSO WAVE INCORPORATED in Japan and other countries.
- Other company names and product names are trademarks or registered trademarks of the respective companies.

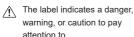
## Safety Precautions

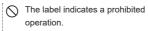
The following precautions must always be followed in order to prevent injury to the user and others, and also damage to property.

• The degree of injury and damage arising from incorrect usage by ignoring the displayed instructions is as follows.

| <b>⚠</b> Danger  | This indicates precautions for which incorrect usage "can result in the highly imminent possibility of death or serious injury". |
|------------------|--|
| <b>⚠</b> Warning | This indicates precautions for which incorrect usage "may result in death or serious injury".                                    |
| ⚠ Caution        | This indicates precautions for which incorrect usage "may result in injury or physical damage".                                  |

The following icons differentiate precautions to be followed.





The label indicates mandatory operation.

#### **A** Danger

#### When handling batteries



If liquid leaking from an alkaline battery gets into your eyes, do not rub your eyes but immediately wash them well with clean water and contact a doctor. Otherwise, it may cause blindness.

#### **Warning**

#### When using the AC adapter and power cable

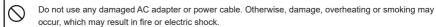


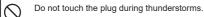
Do not use any AC adapter or power cable other than the dedicated AC adapter (AC1116-L6) and power cable. Do not use the AC adapter with other than the specified voltage. Otherwise, damage, overheating, fire or electric shock may occur.



Take the following precautions when handling the AC adapter and power cable.

- · Make sure to avoid multi-outlet power strips.
- · Make sure the plug is not dusty before inserting it into an outlet.
- · Insert the plug firmly into the outlet.
- Do not hold the AC adapter or the plug with wet hands.
- · Do not pull the power cable when disconnecting the plug. Be sure to hold the plug when disconnecting it.
- Do not make any modification to the AC adapter or power cable.
- Do not apply strong shocks to or put a heavy object on the AC adapter or power cable.
- Do not bend or twist the AC adapter or power cable forcibly.
- Do not place the AC adapter or power cable near a heater.





#### When handling batteries

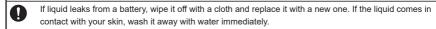


Do not use the product with the  $\oplus$  /  $\bigcirc$  electrodes of the battery reversed. Otherwise, charging or short-circuiting may cause an abnormal reaction, which may cause the battery to leak the fluid, heat up, or explode.



If you lick the battery fluid, gargle immediately and consult a doctor.

#### **Warning**



Do not use new batteries together with old batteries or mix batteries from different brands.

The difference in their characteristics can cause leakage, overheating, and explosion.

Remove the battery used up from this product immediately. If a battery used up is left connected to this

Remove the battery used up from this product immediately. If a battery used up is left connected to this product for a long period of time, the gas generated by the battery may cause the battery to leak the fluid, heat up, or explode, and this product may be damaged.

If this product will be left unused for a long period of time or its batteries are run down, take them out. Gases generated in the batteries can cause leakage, overheating, and explosion which could damage the product.

Improper use of batteries can cause leakage, overheating, and explosion which could result in injury or equipment damage. Use batteries correctly, as explained on their labels and the precautions written on the package.

#### When using this product

Do not apply any strong force or shocks to the product such as standing on, dropping or hitting it. Otherwise, the product may be broken, which may result in fire or electric shock. If it is damaged, turn off the power immediately, unplug the AC adapter, and then contact the place of purchase or our Customer Service Center. Continuous use may result in fire or electric shock.

Take care not to spill any beverage such as tea, coffee or juice onto the product, or to spray aerosol insecticide. It may cause malfunction, fire, or electric shock. If any liquid has been spilled on the product, turn off the power, unplug the AC adapter, and then contact the place of purchase or our Customer Service Center. Continuous use may result in fire or electric shock.

Do not touch the printhead because it is very hot. Otherwise, there is a risk of burns.

Do not open any covers other than the printer cover. Doing so may result in fire or electric shock. Always use the product as instructed in this manual.

Otherwise, damage or injury may occur.

Never modify or disassemble this product. Doing so may cause fire or electric shock. Do not carry out any operations not described in this manual, or the product may break or cause injury.

If any of the following abnormalities are observed, turn off the power immediately, unplug the AC adapter, and then contact the place of purchase or our Customer Service Center.

- If smoke, strange odours or unexpected noises are emitted from the product.
- · If liquid or foreign objects get inside the product.
- · If the product has been dropped or damaged.

Do not touch the tape outlet slot, during printing or when the auto cutter is in operation. Otherwise, there is a risk of injury.

May exert electromagnetic interference on, and cause malfunction of, cardiac pacemakers. Before using this product, check that there is no one in the vicinity using a cardiac pacemaker.

May exert electromagnetic interference on, and cause malfunction of, sensitive medical equipment. Before using this product, check that there is no sensitive medical equipment in the vicinity.

Use of this product on aircraft may be restricted in some countries. Before using this product, check that use of this product is not restricted on the aircraft.

#### When handling the auto cutter

Do not touch the tape outlet slot (where the labels come out) during printing or when the auto cutter is in operation. Otherwise, there is a risk of injury.

a

#### **Warning**

#### Others



Do not use or store the product, AC adapter, power cable, USB cable or tape cartridges in the following places.

- · In direct sunlight.
- Where it may become extremely hot such as in a vehicle with the windows closed.
- Where it may become extremely hot such as near a heater or the temperature becomes very unstable such as near the exhaust duct of an air conditioner.
- · Where it may become wet due to a shower or rain such as in a bathroom or outdoors.
- In a dusty place or where the product may be exposed to smoke or steam such as near a kitchen or a humidifier.
- On an unstable place such as on a shaky table or on an inclined place.
- · Where it might be subjected to vibration or shock.
- · Near high-voltage power lines or something that generates a magnetic field.



Keep the plastic bags used to contain the product or this manual out of reach of children. Children may suffocate if they swallow them or put their heads into the bags.

#### **!** Caution

#### When using the AC adapter and power cable



Do not unplug the AC adapter while the product is in operation, otherwise printing may not be successful.



Do not use the AC adapter in a small, confined space, or cover it with a cloth. Otherwise, the AC adapter may overheat and deteriorate.

#### When using this product



Do not stand or put anything heavy on the product or place it on an unstable place such as on a shaky table or on an incline. Otherwise, the product may fall and cause injury.



To ensure safety, unplug this product before leaving it unused.



Before cleaning, make sure to unplug the AC adapter from the outlet.



Do not use a moistened cloth or solvents such as alcohol, thinner or benzine.



Do not block or insert objects into the supplied AC adapter socket or the tape outlet slot.



To comply with RF exposure compliance requirements, a distance of at least 22 cm must be maintained at all times between the antenna of this product and people in the vicinity.

#### **Others**



Be careful of continuous use of which may cause eye fatigue.

#### **■** Frequency Precautions

The frequency band for this product is 2.4 GHz. This frequency range is the same frequency bandwidth as industrial, scientific, and medical devices such as microwave ovens and mobile unit identification (RF-ID) systems (licensed premises radio stations and unlicensed specified low-power radio stations) used in factory production lines. Before using this product, check that there are no radio stations for mobile unit identification or specified low-power radio station premises nearby.

In the event that this product should interfere electromagnetically with the premises of a radio station used for mobile unit recognition, cease use immediately and stop generating the electromagnetic field. Consult the place of purchase or our Customer Service Center if this product interferes electromagnetically with a special lowpower radio station used for mobile unit identification or causes similar problems.

#### ■ Precautions for Medical/Microwave Devices

Do not use this product in the following condition:

- Do not use this product near medical equipment such as a pacemaker or hearing aid, or inside a medical institution. There is a risk of it affecting medical equipment.
- Do not use this product on a public transportation, especially on an aircraft. The use of electronic devices and wireless devices is prohibited on aircraft, and it may affect the aircraft's equipment and cause an accident.
- When using a microwave oven, electromagnetic waves may interfere with the wireless communication of this product.

#### ■ About Bluetooth®

This device has received a Certificate of Construction Design as a radio device for a low power data communication system according to the Radio Law. Therefore, you do not need a radio station license to use this device. This device uses the 2.4GHz frequency band. Bluetooth® uses the same frequency band as 2.4GHz radios and wireless LAN devices and may affect other devices that use the same frequency band.

- · Before using this device, check if "other radio stations\*" are operating nearby.
- If radio wave interference occurs between this device and "other radio stations\*", change the place
  of use or stop using this device.
- \* "Other radio stations" refer to industrial, scientific, and medical devices that use the same 2.4 GHz band as this device as well as other similar radio stations, radio stations for moving object identification that require licenses for use on factory production lines, specific low-power radio stations that do not require licenses, and amateur radio stations.

#### When handling tape cartridges

- Make sure to use a dedicated R-TAPE Cartridge.
- Some types of tape cannot be cut by the cutter. For the details, refer to "Using the Tape Cartridges Properly" in this manual.
- · Do not drop or disassemble tape cartridges. Doing so may cause damage.
- Do not pull out the tape forcibly by hand, but make sure to feed the tape.
   Otherwise, the tape cartridge may be broken and unusable.
- Avoid using a tape cartridge without remaining tape. Doing so may cause overheating of the printhead, which may result in damage or malfunction.

#### **MEMO**

Tape cartridges contain ink ribbons in them. When disposing of tape cartridges, make sure to follow the local regulations for disposal.

## ■ Disposal of Old Electrical & Electronic Equipment (for Vietnamese Users)

This product, including the printer, bundled items and packing materials should not be disposed of with normal household waste. To prevent possible harm to the environment or human health please separate this product from other types of waste to ensure that it can be recycled in an environmentally sound manner. For more details on available collection facilities please contact your local government office or the retailer where you purchased this product.

#### Symbol Description

On the product, the following symbols are used in order to ensure safety and proper use of the product, and to prevent danger to users and other persons as well as property damage. The symbols indicate the meanings listed below. Be sure that you completely understand the meaning of the symbols on this product before using it.



#### Other Precautions

#### When using the printer, read "Safety Precautions" carefully and observe the instructions.

- After you finish using the printer, unplug the AC adapter from the printer and from the outlet. Also remove USB cable. By doing so, you can prevent unexpected accidents, such as tripping on the cord.
- Do not use or store the printer in places that are exposed to direct sunlight, hot places such as inside a car, places where the temperature is extremely high or low such as a place near a heating appliance, places with high humidity, places with large amounts of dust.
- Do not attach labels on human bodies, living things, public facilities or the property of others.
- Do not fill or block the power cord jack, USB port and tape outlet.
- Never touch the print head.
- To ensure maximum performance of this printer, use genuine KING JIM "TEPRA" PRO tape cartridges (4, 6, 9, 12, 18, 24 mm width). We will not take any responsibility for malfunctions caused by non-genuine KING JIM tape cartridges.
- Do not use any used-up tape cartridge or print without installing a tape cartridge. Otherwise, the print head overheats, which may cause a failure.
- Please ensure that tape feeding is always executed using the "Tape Feed" or "Tape Feed and Cut" options from the label editing software/application. Never forcibly pull the tape by hand. If you pull the tape protruding from the tape outlet, labels cannot be printed successfully, and the tape cartridge may become unusable.
- Handle the tape cartridge carefully, and do not hit it against anything.
- When the printer ejects a narrow tape or short labels, cut labels may be ejected.
- Be careful not to pinch your fingers when cutting a tape with scissors.
- Do not rely on the auto power off function; always turn off the power after use and unplug the AC adapter when you are using it.
- Remove the AC adapter, USB cable and tape cartridge from this printer when you do not use the device for a long time. Store the printer, AC adapter, USB cable and tape cartridges in a cool, dark place that is not exposed to direct sunlight, high temperatures, high humidity, magnetism, vibrations, or dust.
- If the battery is left in for a long period of time, the battery may leak the fluid in it. Replace the battery before the recommended expiration date printed on it.
- Dispose of the battery according to the specified regulations when it reaches the end of its life.
- Do not perform any operations that are not described in this document and Basic Operation Manual. Otherwise, an accident or failure may occur.
- The contents, specifications, and designs described in this document and Basic Operation Manual may be changed without notice.
- Due to the properties of the material, there may be variations in the appearance of this product, but this does not affect the quality.



This document uses the following symbols in its descriptions.

| [Symbol]    | [Description]  |
|-------------|--|
| 0.0         | Indicates operation procedures   |
| Check_@     | Indicates the reference page of a related topic  |
| MEMO        | Describes useful supplementary information   |
| !!CAUTION!! | Describes things you should pay attention to, such as the limitations, conditions, etc. of that function |

#### About the label samples:

All of the label samples used in this document are printed with this printer. These are illustrations after reduction, adjustment of the margins for descriptive purposes.

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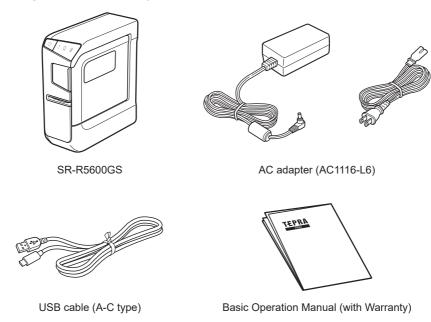
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### **Printer Setup**

## Checking Package Contents

Before using the printer, check that you have all the items below.

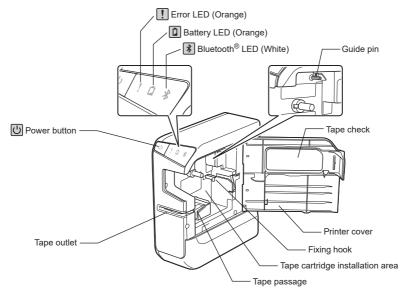


#### **MEMO**

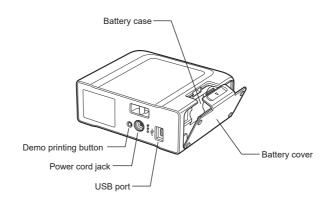
- This printer does not come with batteries. If you would like to run the printer with batteries, please purchase 6 alkaline AA batteries.
- This product does not come with a CD-ROM or the User's Manual of the label editing software.
   Download them from the KING JIM website (https://www.kingjim.co.jp/english/). An Internet connection is required to download them.



#### **Front**



#### Rear



## Printer Setup

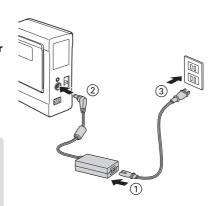
#### Using the AC adapter

Connect the AC adapter provided (AC1116-L6) to the printer, and plug the power plug into a power outlet (AC100V-240V).

- Connect the power cable to the AC adapter.
- Securely insert the plug of the AC adapter into the power cord jack on the rear side of the printer.
- Insert the power plug of the AC adapter into a home wall outlet.



The printer's power turns off automatically when the printer has not been used for about 20 minutes on battery power.



#### !!CAUTION!!

- Do not disconnect the AC adapter or USB cable while the printer is running or when feeding the tape.
   Otherwise, the printer could stop printing or the tape could feed abnormally, causing a malfunction.
- Always use the AC adapter provided (AC1116-L6).
- If it is not inserted properly, the power may not turn on.
- If you strongly pull the cord of the AC adapter or bend it repeatedly, it may break.
- Short circuits in the plug, etc., may activate the safety function and cause the AC adapter circuit
  to shut off.
- The AC adapter is not covered by the warranty.

#### Using batteries (Sold separately)

Insert six AA alkaline batteries into the printer. When you cannot use the AC adapter, for example, while you are on the go, you can print using the batteries as a power source.

Open the battery cover.

Push up the battery cover in the direction of the arrow to remove it.

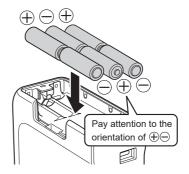
#### **!!CAUTION!!**

Make sure the power is off before you install batteries.



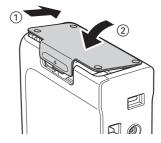


Set alkaline batteries (6 AA batteries) while paying attention to the orientations of the batteries



#### Close the battery cover.

Align the tab on the battery cover with the gap on the printer and securely close it until you hear a "click" sound.



#### **!!CAUTION!!**

Always use AA alkaline batteries. Other types of batteries cannot be used.

#### **MEMO**

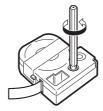
- When printing large characters on a wide tape, the printer consumes a large amount of power temporarily. So, even with new batteries, the Battery LED (orange) may light or blink, but it does not indicate a malfunction.
- When the batteries run out, the Battery LED (orange) lights up. If you continue using the printer
  with batteries that have run out, the Battery LED (orange) will flash. Immediately replace all
  batteries with new alkaline 6 AA batteries or use the AC adapter (AC1116-L6). If you continue to
  use the printer without replacing the batteries, the power may go off during operation or printing.
- With new 6 AA alkaline batteries, the printer can print for the full length of 18-mm wide tape
  in one tape cartridge (8 m) at room temperature. However, when you use the printer in a lowtemperature location or print large characters on wide tapes, the batteries will run out quickly.
   When printing, it is recommended to use the AC adapter (AC1116-L6).
- Be sure to turn off the power after use.
- When you will not use the printer for a long period of time, remove the batteries and store the
  printer to prevent battery leakage.
- When disposing of alkaline batteries that have reached their lifespan, follow the disposal regulations established by the government.

#### Installing the tape cartridge



#### Remove any slack from the ink ribbon.

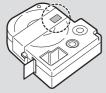
Insert a pen or a pencil into the hole of the tape cartridge to be installed, and gently turn it in the direction of the arrow to remove the slack.



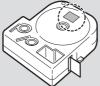
#### !!CAUTION!!

Use a tape cartridge marked with  $\blacksquare$  for this printer. Using other tape cartridges may damage this printer or the tape cartridge.

Cartridge front







Check descriptions on the back of the cartridge and back side.







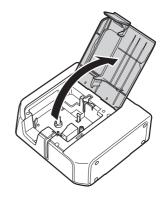
**X** Unusable



#### Open the printer cover.

#### **!!CAUTION!!**

- Do not lift the printer by holding the printer cover.
- The printer cover cannot be opened more than approximately 120°. Do not apply excessive force beyond that. Otherwise, it may be damaged.



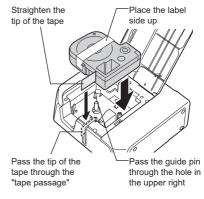


#### Install the tape cartridge.

Securely push in the tape cartridge being set with the label face-up. When set correctly, the tape cartridge is fixed to the hook on the printer. When the protruding tip of the tape is relatively long or a new tape cartridge is being installed, straighten the curved tip of the tape and pass the tape through the gap of the tape passage.



Make sure the power is off before you install the tape cartridge.





#### Close the printer cover.

Firmly close the printer cover by pushing it gently with your fingers.

#### **!!CAUTION!!**

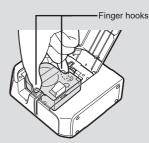
If you close the printer cover without securely pushing in the tape cartridge, the printer or tape cartridge may be damaged.



#### **MEMO**

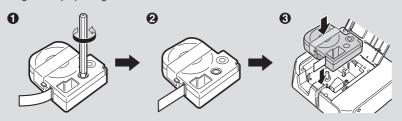
#### How to take out the tape cartridge

For consistency in printing beautiful labels, the tape cartridge is securely fixed to the printer. When removing the tape cartridge, place your fingers on the finger hooks on either side of the cartridge, and lift it straight up to remove.



#### Setting up a new tape cartridge

- Remove any sag of ink ribbon.
- 2 If the tip of the tape is bent, straighten it.
- (3) Insert the cartridge straight with the labeled side facing forward, and then thread the tape through the tape passage.



#### **!!CAUTION!!**

- Store tape cartridges in a cool, dark place away from direct sunlight and not subject to high temperature, humidity, and dust.
- Start using a tape cartridge as soon as possible after it is unpacked.
- Completely insert the tape cartridge and make sure that it is straight.

#### **Turning ON the power**

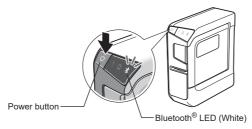
#### **!!CAUTION!!**

- When using a USB cable, a printer driver may not be installed correctly if you connect the
  printer to a computer and turn the printer power ON before installing the printer driver. Install the
  printer driver first.
- If you connect the printer to a computer using a USB cable before installing the printer driver on
  the computer, a dialog may appear on the screen indicating that a new hardware is detected.
   Click [Cancel], and turn the printer power OFF, and install the printer driver from the TEPRA
  Label Editor SPC10.
- The printer's power turns off automatically when the printer has not been used for about 20 minutes on battery power.
- Press the U (Power) button on the printer and check the status of the Bluetooth® LED (white).

Flashing (once every 5 seconds): Waiting for Bluetooth® connection.

Lit: Connected via Bluetooth®

Fading in and out: Bluetooth® disabled.



#### Turning Bluetooth® ON/OFF

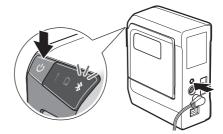
Press the (Power) button on the printer to power it off.
The Bluetooth® LED goes off.

Check P.17 "After Using the Printer (Turning OFF the Power)"

Press the (1) (Power) button on the printer while holding down the ○ (Demo printing) button, and check the status of the Bluetooth® LED (white).

Turn Bluetooth® ON/OFF.

If your desired mode is not set, start again from step **1**.



#### !!CAUTION!!

- Bluetooth<sup>®</sup> connections are compatible with Windows/iOS/Android devices.
- When using the printer through only a USB connection with a computer, turn off Bluetooth<sup>®</sup>.
- When connecting to a Windows or Android device through Bluetooth<sup>®</sup>, the Bluetooth<sup>®</sup> LED (white) will flash slowly even while a connection is being established.

#### Feeding the tape

#### **MEMO**

- You can remove the slack from the tape and ink ribbon by feeding the tape. After setting the tape cartridge, be sure to execute tape feed.
- "Tape Feed" is available with the buttons on the screen of the dedicated editing software
   "TEPRA Label Editor SPC10" or the iOS/Android app "TEPRA LINK 2", so use it after installing the dedicated editing software/app.
- Click "Tape Feed" or "Tape Feed and Cut" in the label editing software/app.

When you execute tape feed, the tape is idle-feed by about 22 mm.

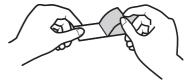
When you execute tape feed and cut, the tape is idle-feed by about 22 mm and then cut automatically.

For label editing software/app details, refer to the User's Manual of the label editing software/app.

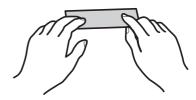
#### **Attaching the Label**

Remove the backing sheet from the printed label, and attach the label.

Remove the backing sheet.



2 Attach the label by rubbing it firmly.



#### !!CAUTION!!

- Depending on the label type, the backing sheet may be difficult to remove.
- A label may become damaged, peel off, or the print on it may fade if a thinner or other solvent is
  applied to the label or the surface is roughly rubbed or scratched.
- When the text on a white ink label is scratched with metal, the text becomes black, but it will
  return when lightly rubbed with an object such as eraser.
- A label attached to an uneven surface may peel off easily.
- A label may not attach to wet, oil-stained, or dusty surfaces, or the labels attached to these surfaces may peel off easily.
- When a label is attached to a surface with pen writing on it, the pen ink may permeate the label and stain the print.
- A label may deteriorate faster than usual depending on the use environment, such as places with rain or direct sunlight.

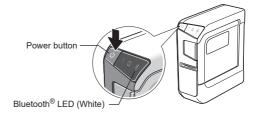
#### About labels created by "TEPRA" PRO

Depending on the material of the surface or environmental conditions involved in the adhesion of the tape, the glue from the label could stick to and damage surfaces without the possibility for removal. This disclaimer releases us from any responsibility whatsoever for any damages or loss this may cause.

#### After Using the Printer (Turning OFF the Power)

Press the () (Power) button on the printer.

The printer is powered off and the Bluetooth<sup>®</sup> LED (white) goes off.

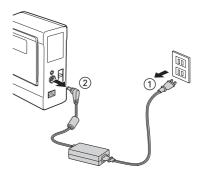


Remove the USB cable.

Remove the USB cable from the printer, and then remove the cables from the computer.



Unplug the AC adapter (AC1116-L6). Unplug the AC adapter from the outlet, and then remove the plug from the printer. Wind up the cord.



#### **MEMO**

#### When not using the printer for a long time

When you will not use the printer for a long period of time, remove the batteries, AC adapter, USB cable, and tape cartridge from the printer. Store the printer, batteries, AC adapter, USB cable, and tape cartridges in a cool, dark place not subject to direct sunlight, high temperature and humidity, magnetism, vibrations, dust, etc.

#### **Execute Demo Printing**

Execute demo printing to confirm that the device operates normally.



Keep pressing Demo printing button for five seconds or more.



#### **!!CAUTION!!**

If you think that the printer is malfunctioning while using it, perform Demo printing. If Demo printing does not make a print that looks like the sample, consult the place of purchase or our Customer Service Center.

Check/PP.40 "After-sales Services"

#### Print example

18-mm wide tape (actual size)



\*Bluetooth wireless connectivity

- \*AA battery-powered for portable use 🥒
- \*Supported 4-24mm tape widths
- \*Printable both 1D and 2D barcodes \*Support Windows, iOS and Android



9-mm width tape (actual size)



- \*Bluetooth wireless connectivity
- \*AA battery-powered for portable use 🧷

#### **MEMO**

- Use 6 mm to 24 mm width tape for demo printing. The printed details differ slightly depending on the tape width.
- 4 mm width tape cannot be used for demo printing.
- Do not execute demo printing with a tape cartridge for which auto cutting is not allowed.

## Making a connection

## Connecting to a computer or Smartphone

Connect the printer to a computer or smartphone with a USB cable or through Bluetooth<sup>®</sup> to edit label layouts.

\* Use the USB cable included in the package to connect the printer with a computer.

The label editing software is compatible with "TEPRA Label Editor SPC10" for Windows and the "TEPRA LINK 2" app for iOS/ Android.

The label editing software and User's Manual for the label software do not come with the printer. You can download them from the KING JIM website (https://www.kingjim.co.jp/english/). An Internet connection is required to download them.

For details on how to use "TEPRA Label Editor SPC10", visit the KING JIM website (https://www.kingjim.co.jp/english/).

This manual explains the procedure to set up the "TEPRA Label Editor SPC10" label editing software for Windows, which allows you to freely lay out text and images and use convenient functions such as automatic batch printing.

For the procedure to set up the "TEPRA LINK 2" app for iOS/ Android, download the User's Manual from the KING. IIM website

#### Before installation

#### Obtain the application

Obtain the following applications for using the printer with a computer.

| Application Name            | Use  | Source   |
|-----------------------------|--|--|
| TEPRA Label Editor<br>SPC10 | Label editing software for printing out labels arranged in Windows using the "TEPRA" PRO printer. Includes the printer driver for TEPRA and "TEPRA Network Config Tool". | Download from KING JIM website (https://www.kingjim.co.jp/english/)              |
| TEPRA LINK 2                | Label editing software for printing out labels arranged in iOS/Android using the "TEPRA" PRO printer.  | Search for "TEPRA LINK 2" from<br>the App Store / Google Play and<br>install it. |

Installation of the application is explained in detail in the "TEPRA Label Editor SPC10 User's Manual." Read it together with this document.

SPC10 User's Manual



https://www.kingjim.co.jp/english/download/manual.html

• To use with an iOS/Android device, obtain the "TEPRA LINK 2" application for iOS/Android. For the details of use, refer to the "TEPRA LINK 2 User's Manual."

TEPRA LINK 2 User's Manual



https://www.kingjim.co.jp/english/download/manual.html

#### Select a connection method

The installation procedure differs depending on the method used to connect this product to a computer. Before installation, select the connection method you will use, and see the corresponding description.

| Connection method     | Outline of connection operations  | Compatible application   |
|-----------------------|---|--|
| USB connection        | This printer is connected to a computer using a USB cable.  Check P. 26                 | "TEPRA Label Editor SPC10" for<br>Windows                                    |
| Bluetooth® connection | This printer is connected to a computer through Bluetooth <sup>®</sup> .  Check — P. 27 | "TEPRA Label Editor SPC10" for<br>Windows     "TEPRA LINK 2" for iOS/Android |

#### **MEMO**

When connecting with a USB cable, the "KING JIM SR-R5600GS" printer driver for USB connections is required. When connecting through Bluetooth<sup>®</sup>, the "KING JIM SR-R5600GS-BT" printer driver for Bluetooth<sup>®</sup> is required. Install the printer driver appropriate for the connection type.

#### **!!CAUTION!!**

Do not connect the "TEPRA" PRO printer to your computer until the printer driver installation is complete.

- When making a connection using a USB cable, do not connect the "TEPRA" PRO printer to a computer and power it on until you receive instructions to do so on the screen.
- Label editing software does not come with this product. You can download it from the KING JIM website (https://www.kingjim.co.jp/english/download/application.html).
- The [Add New Hardware Wizard] screen may be displayed if the "TEPRA" PRO printer is connected to a computer before installing the printer driver. Click [Cancel] immediately and disconnect the "TEPRA" PRO printer from the computer.
- This section describes how to install and use "TEPRA Label Editor SPC10" and the printer
  driver, but does not provide detailed instructions on how to operate Windows or a computer. In
  addition, it is assumed that you have basic knowledge of Windows and computers (such as how
  to use a mouse and how to handle files), so read instruction manuals for Windows and your
  computer as needed.
- When connecting two or more printers to one computer, an individual printer driver is required
  for each printer. Installation of the printer driver for the second or later printers will start
  automatically when the second (or later) printer is first connected to the computer. Newly
  installed printer drivers are named as copies of the printer driver.
- When using the printer with multiple users, after installation, log off once and then use it as "a different user."
- Before installing it, close programs such as anti-virus software. Otherwise, the label editing software may not be installed correctly.

## Connect to the printer in Windows

This chapter describes how to connect to the printer in Windows.

After installing the application, installation of the printer driver will begin. Install the printer driver for each connection method.

- Turn on your computer and start up Windows.

  Close running applications if any. Also close any anti-virus or similar software.
- Download software "TEPRA Label Editor SPC10" from the KING JIM website. (https://www.kingjim.co.jp/english/)
- Save the downloaded file to the desktop. And after extracting the file, execute the Setup.exe file in the extracted folder to install it.

An install program starts up.

If the [User Account Control] screen appears, click [Yes] to continue.

When the installation screen appears, click [install application and driver].

You may install only the printer driver. However, this section shows installation of both the application and the driver



#### **MEMO**

- If the following message appears, an old version of the application is installed. Be sure to uninstall the old one before installing the new one.
- If the following screen appears, either the application or the driver is already installed. When adding or changing items, click [Modify].



When the software license agreement confirmation window appears, confirm the content and click [Agree].

To abort installation: Click [Disagree].

When the screen to select application to be installed, confirm that [TEPRA Label Editor SPC10] is checked and click [Next].

#### **MEMO**

"TEPRA Network Config Tool" does not need to be installed for the printer.





When the destination selection dialogue box appears, confirm the destination folder, and click [Next].

Installation starts

To change the destination folder: Click [Browse...].

When the completion message appears, the installation is complete. Click [Finish]. To create a desktop shortcut, turn on the check box.

Continue to install the printer driver.

The following sections describe how to install the printer driver when making the connection through USB and making the connection through Bluetooth<sup>®</sup>.

#### **!!CAUTION!!**

Depending on your computer environment, it may take some time for the printer driver installation dialog to appear. Wait until it appears.

#### Connect using a USB cable

To connect this printer via a USB cable, install the network printer driver.

#### !!CAUTION!!

- Do not connect this printer to your computer until the install window tells you to do so.
- The [Add New Hardware Wizard] screen may be displayed if the "TEPRA" PRO printer is connected to a computer before installing the printer driver. Click [Cancel] immediately and disconnect the "TEPRA" PRO printer from the computer.

Select the printer [SR-R5600GS] listed in [Global model], then click [Next].

When the [Windows Security] screen appears, click [INSTALL THIS SOFTWARE] to continue.

Select [USB connection], and then click [Next].







Select [OK] and click [Finish]
The installation will finish.

#### **!!CAUTION!!**

- If you start the label editing software without connecting the "TEPRA" PRO printer to your
  computer after installing the driver, the "TEPRA" PRO printer will not be displayed in the label
  editing software.
  - After installing the driver, be sure to connect the "TEPRA" PRO printer to your computer before starting the label editing software.
- To delete the printer, use [Uninstall a program] (or [Add and Remove Programs]) or delete it using the installer.

#### Connect using a Bluetooth® connection

Before making the connection, enable Bluetooth<sup>®</sup> on your computer. For details on how to enable Bluetooth<sup>®</sup>, refer to the User's Manual of your computer or the website of the manufacturer of your computer.

Select the printer [SR-R5600GS] listed in [Global model], then click [Next].



2 Select [Bluetooth® connecttion] and click [Next]

On the TEPRA options screen, select the TEPRA option you want to use and click [Next]





Select [OK]
The installation will finish.

## Connecting to a computer

#### Connecting through USB

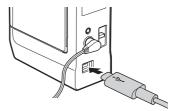
#### **!!CAUTION!!**

When using a USB cable, connecting the printer to a computer before the printer driver is installed may result in a printer driver not being installed correctly. Always install the printer driver first. For information about how to install the printer driver, refer to the "TEPRA Label Editor SPC10 User's Manual".

- Connect the AC adapter to the printer or insert batteries to it (sold separately)

  Check P.10 "Using the AC adapter"

  Check P.10 "Using batteries (Sold separately)"
- Connecting a USB cable to the printer Plug one end of the cable (type C) into the USB port on the printer.



Connecting a USB cable to the computer Plug the other end of the cable (type A) into the USB port on the computer.

#### !!CAUTION!!

Correct operation cannot be guaranteed when a USB hub is used.

#### **MEMO**

Check the shape and orientation of the connector before connecting the USB cable.

#### Type-A USB connector

This Type-A USB connector is used as the connector for the computer.



#### Type-C USB connector

This Type-C USB connector is used as the USB port for the printer.

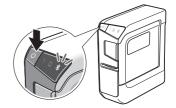
- When you connect more than one "TEPRA" PRO printer of the same model to one computer, the printer driver is needed for each of the printers connected. For the second and later printer drivers, a copy of the printer driver will be automatically created. "copy" is added to the name of each newly installed printer driver.
- 4 On the label editing software/app, select "Tape Feed" or "Tape Feed and Cut"

#### **MEMO**

- When you execute tape feed, the tape is idle-feed by about 22 mm.
- When you execute tape feed and cut, the tape is idle-feed and then cut automatically.

#### Connecting through Bluetooth®

- Enable Bluetooth<sup>®</sup> on your computer.
- Turn on the printer and make sure that Bluetooth<sup>®</sup> is ON.
  Check → P.14 "Turning ON the power"



3 Connect through Bluetooth<sup>®</sup> by following the instructions described in the "TEPRA Label Editor SPC10" or "TEPRA LINK 2" User's Manual.

#### !!CAUTION!!

Do not use the Bluetooth® adapter for computer.

#### **MEMO**

When you connect more than one "TEPRA" PRO printer of the same model to one computer, the printer driver is needed for each of the printers connected. For the second and later printer drivers, a copy of the printer driver will be automatically created. "copy" is added to the name of each newly installed printer driver.

On the label editing software/app, select "Tape Feed" or "Tape Feed and Cut"

#### **MEMO**

- When you execute tape feed, the tape is idle-feed by about 22 mm.
- When you execute tape feed and cut, the tape is idle-feed and then cut automatically.

#### Uninstalling the label editing software/printer driver

#### !!CAUTION!!

- Be sure to uninstall the label editing software/printer driver by taking the steps described below.
- Before uninstalling the printer driver, disconnect the USB cable connecting your computer to the "TEPRA" PRO printer.
- Download the "TEPRA Label Editor SPC10" software from the KING JIM website (https://www.kingjim.co.jp/english/)
- Save the downloaded file to your desktop or other location and unzip the file.
- Run the SetUp.exe file in the folder displayed.

#### Click [Remove].

When preparations for uninstallation are complete, a confirmation dialog will appear.



4 Select [Yes]
Uninstallation starts.



#### **MEMO**

Click [No] here to cancel the uninstallation of the label editing software.

#### Select [Finish]

A list of the fonts uninstalled by the uninstallation of "TEPRA Label Editor SPC10" is displayed. Next, proceed to uninstall the printer driver.



6 Select [Yes]
Proceed to the dialog to select the printer.



#### **MEMO**

Click [No] here to cancel the uninstallation of the printer driver.

Select SR-R5600GS and click [Finish].
Uninstallation of the printer driver starts.





Your computer will restart.

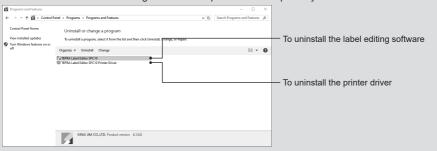


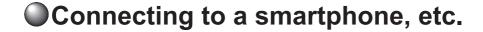
#### **!!CAUTION!!**

- After uninstalling the printer driver, be sure to restart your computer.
- To remove the printer driver, remove it using the [Uninstall a program] (or [Add and Remove Programs]) option or the installation program in the Control Panel.

#### **MEMO**

Alternatively, you can uninstall the "TEPRA Label Editor SPC10" and the printer driver from [Control Panel] - [Uninstall a program]. Note that, unlike uninstalling from the installation program, you need to uninstall the label editing software and printer driver separately.





## Connecting to the "TEPRA" PRO from an iOS/Android device

- Activate the Bluetooth® function of the smartphone, etc.
- Turn on the printer and make sure that Bluetooth<sup>®</sup> is ON. Check∠SP.14 "Turning ON the power"
- Make a Bluetooth® connection according to the procedure in the "TEPRA LINK 2" instruction manual.

For the "TEPRA LINK 2" User's Manual, access the KING JIM website (https://www.kingjim.co.jp/english/).

On the app, select "Tape Feed" or "Tape Feed and Cut"

#### **MEMO**

- When you execute tape feed, the tape is idle-feed by about 22 mm.
- When you execute tape feed and cut, the tape is idle-feed and then cut automatically.

### **Appendix**

## Using the Tape Cartridges Properly

Follow the setting procedures below in accordance with the tape cartridge that you use.

|                                 | Tape type   | Setting procedure   |
|---------------------------------|---|---|
| Do not use the auto cutter.     | Heat-Resistant Label, Iron-on Label,<br>Magnetic Tape, Ribbon | (1) To prevent wear of the cutter blade, set [Cut Setting] to [Don't cut] in the printer settings of the label editing software.  (2) Detach the tape cartridge from the printer.  (3) Cut straight across the tape with commercially available scissors at the position 3 mm (10 mm for Ribbons) from the cartridge. |
| Adjust the print concentration. | Heat-Resistant Label  | Set [Concentration] to [+3] in the printer settings of the label editing software.  |
|                                 | Paper Label, Gray Ink Label                                   | If printouts are not clear, set [Concentration] to [+3] in the printer settings of the label editing software.  |

- For how to specify the "Tape cut" and "Print concentration" settings, please refer to the instructions you can check from the software/application.
- For detailed instructions on how to use a tape cartridge, please refer to the package of the tape cartridge and the instruction manual included in it.

#### **!!CAUTION!!**

 After placing a tape in the printer, be sure to perform "Tape Feed" once to remove sags of the tape and ink ribbon.

#### Check P.15 "Feeding the tape"

 For details about the label editing software, refer to the "TEPRA Label Editor SPC10 User's Manual."

#### **MEMO**

- When using an Iron-on Label, prepare an iron.
- When using Heat-Shrink Tubing, prepare an industrial dryer.
- Transfer labels and cut labels cannot be used in the printer.



If you experience problems such as the printer does not work or print, check the following.

For information on what to do when a message appears on the display of the connected device or in the label editing software/app functions, refer to the relevant instruction manuals and user's manuals.

#### Is the LED lit?

First, check the printer's status with the LED.

| Lamp                               | Lamp's status                   | Printer status  |
|------------------------------------|---------------------------------|---|
| Bluetooth <sup>®</sup> LED (White) | Unlit                           | Power OFF   |
|                                    | Lit                             | Power ON Connected via Bluetooth <sup>®</sup> .   |
|                                    | Flashing (once every 5 seconds) | Power ON Waiting for Bluetooth® connection.   |
|                                    | Fading in and out               | Power ON<br>Bluetooth <sup>®</sup> disabled.  |
|                                    | Flashing quickly                | Performing operation such as printing or label cutting.   |
| Battery LED (Orange)               | Unlit                           | Operating normally.   |
|                                    | Lit                             | Low batteries and need to be replaced. Have replacement batteries ready.  |
|                                    | Flashing quickly                | Replace batteries.  |
| Error LED (Orange)                 | Unlit                           | Operating normally.   |
|                                    | Flashing quickly                | An error has occurred in this printer. Check that a tape cartridge is set, or check the message displayed on the display of the connected terminal or the status of this printer. If the error is not solved, turn off the power and remove the batteries or unplug the AC adapter. If the error persists even after turning the power back on, contact the store where you purchased the printer or our Customer Service Center. |

When the LED is lit normally, check the items from the next page.

## Printer does not print when executing a print.

### Is there an error message displayed on the computer/smartphone screen?

Printing is not possible if any error has occurred. Check the message displayed on your computer screen. For label editing software and printer driver details, refer to the "TEPRA Label Editor SPC10 User's Manual."

### Is the printer properly connected to the computer?

Check that the printer is connected to a computer using the USB cable (included in the package).

Check P.26 "Connecting to a computer"

### Is a connection established through Bluetooth<sup>®</sup>?

Check that a connection is established while the Bluetooth<sup>®</sup> LED (white) is lit.

Check P.32 "Is the LED lit?"

#### Is the power turned on?

Turn the power on.

Check P.14 "Turning ON the power"

#### Has the auto power off function activated?

When this printer is powered by battery, if no operations are performed for more than about 20 minutes, the power will automatically be turned off by the auto power off function.

#### Have the batteries worn out?

If the batteries are worn out, the printer may not turn on. Replace with new batteries or use the AC adapter (AC1116-L6).

Check P.10 "Using the AC adapter"

## Unable to make a Bluetooth® connection

### Is the printer already connected to another device?

When the printer is connected to an iOS device, it cannot connect to other Bluetooth<sup>®</sup> devices at the same time. Check that the Bluetooth<sup>®</sup> LED (white) is flashing slowly.

Check P.32 "Is the LED lit?"

#### Are there any physical obstructions?

Connection may not be possible if there is a physical obstruction such as a metal object, person, or wall in between the printer and the iOS/Android device. Avoid or remove any obstructions and try again.

#### Is the distance between devices too far?

The Bluetooth<sup>®</sup> signal range for this device is about 30 feet (9.1 meters). This range varies depending on the strength of the signal and other factors. Move devices closer together for a stronger signal.

#### Text is not printed properly.

### Has the tape cartridge been correctly installed?

Text is not printed properly if the tape cartridge is not correctly installed. Remove the tape cartridge, and install it again using the specified procedure.

Check TP.12 "Installing the tape cartridge"

#### Is the print head dirty?

If dust or grime is stuck to the print head, streaks or smears appear on printouts. Use the optional Head Cleaning Tape, or clean the print head using a cotton swab that is soaked with commercially available ethyl alcohol.

Check TP.36 "Cleaning"



## Labels are not cut automatically.

#### Is the printer set to [Don't cut]?

Check if the cut setting is set [Cut Setting] to [Don't cut] in the printer settings of the label editing software.

#### Is the cutter blade worn?

Prolonged use of the cutter can wear down and dull the blade. Consult the place of purchase or our Customer Service Center.

Check P.40 "After-sales Services"

### Is it a tape for which an auto cutter is not allowed to be used?

This printer does not cut a tape for which an auto cutter is not allowed to be used (tape whose quality cannot be guaranteed after it is cut). You can check and set the tape cutting settings from the label editing software/application.

Check △ P.31 "Using the Tape Cartridges Properly"

#### Labels cannot be attached.

#### Has the backing sheet been removed?

The backing sheet may be difficult to remove or be transparent and difficult to see, depending on the label type.

#### Is the location of the label dirty or uneven?

Labels cannot be attached to rough, dusty, or oily surfaces. In addition, labels may be unable to attach to surfaces that are specially processed or made of special materials.

Check P.16 "Attaching the Label"

## Characters printed incorrectly or faintly

#### Is the tape cartridge set correctly?

If the tape is slack, characters may be faint or printed incorrectly.

Feed the tape to remove any slack.

### Are you using a tape that requires adjustment of the print concentration?

Depending on the type of tape you are using, you may need to adjust the print concentration. Set [Concentration] to [+3].

Check → P.31 "Using the Tape Cartridges Properly"

## Are there any other Bluetooth<sup>®</sup> devices connected to your computer or smartphone other than this product?

Some characters may become garbled or missing depending on the Bluetooth<sup>®</sup> devices such as computers and smartphones connected to this product, as well as other Bluetooth<sup>®</sup> devices connected simultaneously with them, and the communication environment and surrounding conditions. If this symptom occurs, it may be alleviated by disconnecting other peripheral devices connected simultaneously with this product. Additionally, try using a USB connection when connecting to a computer.

## The print position is incorrect.

#### Have you set it correctly in the application?

If you are using a commercially available application, you may need to adjust the margin settings and print position depending on the application. Check the print status using the "Print Preview" function, etc.

#### **MEMO**

For other problems, or if you cannot solve a problem described above, consult the place of purchase or our Customer Service Center.

Check P.40 "After-sales Services"

# Length of the printed label is different from the set length.

#### Is the length of the label set too short?

Labels approximately less than 22 mm in length cannot be printed. Set the length or margins so that the length of the label is approximately 22 mm or more.

Is the width of the tape set in the printer different from the setting for the width in the label editing software/application?

If the settings are different, the label length may be adjusted to match the tape width set in the printer. Set the tape width setting in the label editing software/application to the width of the tape set in the printer.

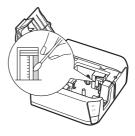


#### Dirt and dust on outside of the printer

Wipe the printer with a soft, dry cloth. Never use solvents or chemicals such as benzine, paint thinner or alcohol. Never use a chemical cloth.

#### If the printed text has streaks or is faint

If dust or grime is stuck to the print head, streaks or smears appear on printouts. Use the optional Head Cleaning Tape (SR24C), or clean the print head using a cotton swab that is soaked with commercially available ethyl alcohol.

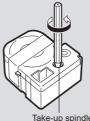


#### **Using the Head Cleaning Tape**

- Set the cartridge of Head Cleaning Tape on the printer.
- Perform "Tape Feed" once from the label editing software/app. For the label editing software/app, refer to the Label editing software/app User's Manual.

#### **MEMO**

- Use Head Cleaning Tape (SR24C) for this printer.
- A winding type is used, so the tape does not require cutting.
- If there is slack in the tape, try turning the take-up spindle in the direction shown by the arrow in the image.



Take-up spindle

- If the printed text has streaks or is faint even after head cleaning, the printer might be faulty. Contact the place of purchase.
- The Head Cleaning Tape is made of a thin material and may appear insufficient even when new, but can be used for cleaning approximately 120 times.

#### **!!CAUTION!!**

- After use, put the printer in its original box and store it in a clean place. If it is left in a place with
  a lot of dust or sand, the cleaning performance deteriorates and causes damage on the print
  head.
- Do not print using a head cleaning tape cartridge. Printing using a head cleaning tape cartridge
  can damage the head.
- Once all the tape has been wound, the cartridge is finished; do not use it. If you use a tape cartridge that has been finished, it may damage the print head.

## Specifications

#### Printer

Printing method Thermal transfer printing method
Print head configuration Thermal head 128 dots, 180 dpi

Maximum print width 18.1 mm (When printing on 24 mm width tape)

**Supported tape width** 4, 6, 9, 12, 18, 24 mm

Cutter Auto cutter

Interface USB1.1 Full-speed (C type) Bluetooth® Ver.5.1

Indicators LED (x 3)

#### Power Supply

**Power** Battery AA alkaline battery x 6

AC adapter (AC1116-L6) (dedicated adapter, power cable only)

Power switch Button type

used for about 20 minutes on battery power (When the AC adapter is not

used)

**Dimensions** Approx. 54 (W) x 132 (D) x 146 (H) (mm)

Weight Approx. 430g (excluding batteries, tape cartridge)

Package contents SR-R5600GS

AC adapter (AC1116-L6) USB cable (A-C type)

Basic Operation Manual (with Warranty)

#### ■ Temperature

Operating temperature and 5 to 35 °C, relative humidity 30 to 80% (no condensation)

humidity range

Storage temperature and

humidity range

-10 to 55 °C, relative humidity 5 to 80% (no condensation)

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### After-sales Services

#### Warranty

Check that the store name and date of purchase have been entered correctly on the warranty certificate at the time of purchase. Read the warranty and warranty eligibility clause carefully, then store in a safe place for future reference.

#### Repairs

Repairs are guaranteed only during the allotted warranty period as stated in this User's Manual. Should you require a repair, both the product and the warranty should be brought back to the place of purchase. Any repairs needed outside of the warranty's window can be done for the cost of the repair as determined by the manufacturer.

#### Inquiries

If you have any questions or requests concerning after-sales services, please consult the place of purchase or our Customer Service Center.

Contact Us:

https://cwfb.f.msgs.jp/webapp/form/21530\_cwfb\_6/index.do



Manufacturer
KING JIM CO., LTD.
2-10-18, Higashi-Kanda, Chiyoda-ku Tokyo, 101-0031 JAPAN
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Label Printer "TEPRA" PRO SR-R5600GS User's Manual

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KING JIM CO., LTD.

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