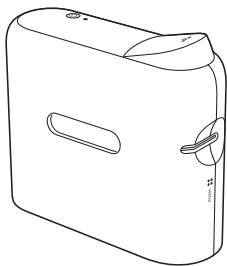


# ***LABEL IT!***

EN

Model No. **KL-BT1**

## **User's Guide**



Supported Tape Widths

**6**  
mm

**9**  
mm

**12**  
mm

**18**  
mm

Before using this printer, be sure to read this User's Guide carefully to ensure that you use the printer correctly.

- The Bluetooth<sup>®</sup> wordmark is a registered trademark of Bluetooth SIG, Inc. and is used under license by CASIO COMPUTER CO., LTD. All other trademarks and trade names are the property of their respective owners.
- All other company and product names used in this manual are trademarks or registered trademarks of the respective companies.

- The contents of this manual are subject to change without notice.
- The contents of this manual have been checked at each step along the production process. Feel free to contact us if you notice anything that is questionable, erroneous, etc.
- Any copying of the contents of this manual, either in part or its entirety, is forbidden. Except for your own personal use, any other use of the contents of this manual without the permission of CASIO COMPUTER CO., LTD. is prohibited under copyright laws.
- CASIO COMPUTER CO., LTD. shall not be held liable for any damages or losses suffered by you or any third party due to the use or malfunction of this product.
- CASIO COMPUTER CO., LTD. shall not be held liable for any damages or losses caused by loss of memory contents due to malfunction or repair.

---

# Contents


---


Safety Precautions .....	4	Printing .....	27
Precautions During Use .....	10	Printing Precautions .....	27
Printer and Bundled Accessories	12	Printing .....	27
Operational Flow for This Printer .	13	Changing the Settings .....	28
Installing the App .....	14	Canceling Printing .....	29
Names of Parts and Their Functions		Advancing the Tape .....	29
.....	15	Cutting the Tape .....	30
Power Supply .....	16	Affixing a Label to a Surface ....	31
Operation Using the AC Adaptor		Cleaning .....	32
.....	16	Using Cotton Buds .....	32
Operation Using Batteries .....	17	Troubleshooting .....	34
Turning the Power On and Off .....	19	List of Printer Statuses and LED	
Auto Power Off Function .....	19	Indicator Displays .....	38
Installing/Removing Tape Cartridges		Specifications .....	39
.....	20		
Installing Tape Cartridges .....	20		
Removing Tape Cartridges .....	24		
Connecting to a Smartphone .....	25		
Launching the App for the First			
Time .....	25		
Launching the App Subsequently			
.....	26		

# Safety Precautions

Thank you for purchasing this printer.


Be sure to read the "Safety Precautions" before using this product to ensure that you use it correctly.

 **Warning** Indicates something that creates the risk of death or serious personal injury.


 **Caution** Indicates something that creates the risk of minor personal injury or physical damage.

## ● Symbol Examples




The  symbol indicates something you should not do. (Symbol to the left means "Do not disassemble.")



The  symbol indicates something that requires caution. (Symbol to the left means "The risk of electric shock.")



The  symbol indicates something you must do. (Symbol to the left means "Unplug the power plug.")

## **Warning**

### **Battery Precautions**



**Should fluid leaking from a battery get on your skin or clothing, immediately rinse it off with clean water.**

Battery fluid getting into the eyes creates the risk of eyesight loss, etc. Rinse the eyes and then immediately contact a physician.

## Warning

### **Power cord, AC Adaptor**



**Do not touch the plug with wet hands.**  
Doing so creates the risk of electric shock.



**If the AC adaptor or power cord becomes damaged, contact your original retailer or a CASIO Service Center.**  
Continued use creates the risk of fire and electric shock.



**Before leaving the product unattended, unplug the AC adaptor from the power outlet, and move the product to a location away from animals and pets.**  
Pet chewing or urine can cause shorting, which creates the risk of fire.



### **AC Adaptor**

**Observe the precautions below in order to avoid AC adaptor fire and electric shock.**

- Use only the specified type of AC adaptor.
- Use the AC adaptor only with the device specified for it.
- Do not plug the power cord into an outlet with the wrong voltage rating.
- Do not plug into an overloaded extension cord or power outlet.
- Do not cover the power cord with a blanket or other material during use, and keep it away from heating devices.
- Do not place heavy objects on the power cord and do not leave it bundled during use.
- Do not subject a power cord to heat or attempt to modify it, and avoid damaging it.
- Do not subject the power cord to excessive bending, twisting, or pulling.

## **Warning**

### **Storage and Operation Locations**



**Do not store or use the product in any of the locations described below.**

Doing so creates the risk of fire and electric shock.

- Areas subjected to large amounts of moisture and dust
- Food preparation areas, near a humidifier, or in areas where the product is exposed to oil smoke or water vapor
- Near a heating device, on an electric carpet, in a location exposed to direct sunlight, in a car parked outside, or any other area where the product is subjected to high temperatures.



**Do not place the product on an unsteady platform, on a high shelf, or in any other unstable location.**

Dropping and tipping over create the risk of personal injury.



**Do not place heavy objects on the product.**

Dropping and tipping over create the risk of personal injury.

### **Abnormalities (Smoke, Odor, Heat Generation, etc.)**



**Do not use the product if it is emitting smoke, odor, heat, or exhibiting any other abnormality. Do not use the product after it has been dropped or otherwise damaged.**

Doing so creates the risk of fire and electric shock. Immediately perform the steps below.

1. Turn off power.
2. If you are using an AC adaptor, unplug its power plug from the power outlet.
3. Contact your original retailer or a CASIO Service Center.

### **Disassembly and Modification**



**Do not attempt any disassembly or modification. For any internal inspection, adjustment, or repair, contact your original retailer or a CASIO Service Center.**

Doing so creates the risk of electric shock, burn injury, and personal injury.

### **Suffocation and Choking Risks**



**Do not place any plastic bag that comes with the product over your head or in your mouth.**

Plastic bags create the risk of suffocation when placed over the head, when swallowed, etc.

Particular care is required in areas where young children are present.

## Warning

### **Avoiding Water and Foreign Matter**



**Do not allow water, other liquids (sports drinks, seawater, animal or pet urine, etc.), or foreign objects (metal fragments, etc.) to get into the product or the AC adaptor. Should any such matter get into the product, immediately perform the steps below.**

Continued use creates the risk of fire and electric shock.

1. Turn off power.
2. If you are using an AC adaptor, unplug its power plug from the power outlet.
3. Contact your original retailer or a CASIO Service Center.



**Do not locate a flower vase or other liquid container on top of or next to the product or AC adaptor.**

Liquid spilling from a container creates the risk of fire and electric shock.



**In the case of a lightning storm, do not touch the device plugged into the power outlet.**

Lightning creates the risk of electric shock.

### **Effect on Other Electronic Devices**



**When using the product in a medical facility or aircraft, follow the instructions of local personnel and crew concerning use of such devices.**

**Do not use the product in an area where use of such devices is prohibited.**

Electromagnetic waves and other signals emitted by this product may affect measuring instruments and create the risk of accident.



**Do not use the product in the vicinity of high-precision electronic equipment or any electronic equipment that handles weak signals.**

Doing so can cause misoperation and other problems in the electronic equipment, and creates the risk of accident.



**Keep this product away from the chest area of any individual fitted with a cardiac pacemaker.**

Cardiac pacemakers and similar devices can be affected by electromagnetism. Should anyone fitted with a cardiac pacemaker or other medical device ever experience any abnormality, move the product away and contact a physician.

## **Warning**

### **Microwave Ovens**



**Do not affix labels to any container that will be used for heating in a microwave oven.**

The label material includes metal fragments. Heating in a microwave oven creates the risk of fire and burn injury. It can also cause deformation of the container to which the label is affixed.

## **Caution**

### **Battery Precautions**

**Observe the precautions below. Failure to do so can cause a battery to rupture, creating the risk of fire, personal injury, and soiling of nearby objects by leaking fluid.**



- Do not try to take a battery apart and never allow a battery to become shorted.
- Do not charge a non-rechargeable battery.
- Do not mix old and new batteries.
- Do not mix different battery types.
- Do not expose a battery to heat or throw it into fire.
- Use only the specified type of battery.



- Load a battery with its poles (plus (+) and minus (-)) facing correctly.
- If you do not plan to use the product for a long time, remove the battery.
- Replace the battery as soon as possible after it goes dead.
- Do not use a battery whose covering has been removed.



**Do not use a leaking battery.**

Doing so creates the risk of fire and electric shock. Immediately stop using the product and contact your original retailer or a CASIO Service Center.

### **Connections**



**Connect only specified devices and items to connectors.**

Connecting to other devices and items creates the risk of fire and electric shock.

## **Caution**

### **AC Adaptor**

**Observe the precautions below in order to avoid AC adaptor fire and electric shock.**



- Insert the power plug into the outlet as far as it will go.



- After use, unplug the power plug from the power outlet.



- When unplugging the power plug, do not pull on the power cord. Grasp the plug.



- If you do not plan to use the product for a long time, unplug from the power outlet.



- At least once a year, unplug the power plug from the power outlet and use a dry cloth to wipe away any dust buildup from the area between the prongs of the plug.



- Do not use detergent when cleaning the power cord, especially the power plug and jack parts.

### **High Temperature Warning**



**Avoid touching the print head and the metal parts around it, all of which can become very hot.**

Doing so creates the risk of burn injury.



### **Battery Precautions**

- **Observe the precautions below. Failure to do so can cause the battery to explode or leak flammable liquid or gas.**
  - Use only the type of battery that is specified for this product.
  - Do not burn a battery or dispose of it in an incinerator, or by mechanical crushing or cutting.
  - Do not subject a battery to excessively high or low temperatures during use, storage, or transport.
  - Do not subject a battery to excessively low barometric pressure during use, storage, or transport.

---

# Precautions During Use

---

To ensure that your printer provides you with the many years of operation for which it is designed, be sure to note the important precautions described below.

- Avoid using the printer in any location where any of the following is present: exposure to direct sunlight, high humidity, static electric charge, extreme temperature fluctuations, extreme temperatures. The operating temperature range of the printer is: 10°C to 35°C (50°F to 95°F).
- Do not subject the printer to strong impact.
- Do not allow paper clips or pins to get into the printer.
- Do not forcibly pull tape out of or push it back into the printer.
- Do not allow cut tape to accumulate around the tape outlet. Tape blocking the tape outlet may cause the tape to jam. Such conditions can cause errors, interfere with proper tape cutting, or other malfunctions. Use tweezers or a cotton swab to remove tape cuttings as required.
- Dirt or other foreign matter adhering to the printer head can cause horizontal stripes with missing dots on printed tapes. If this happens, clean the print head and the rubber roller as described in “Cleaning” (Page 32).
- Using the printer in a location exposed to strong direct sunlight can cause malfunction of the printer’s internal light sensor, resulting in display of error messages.
- In order to ensure best printer function and stability, always use only genuine CASIO tape cartridges. Use of a non-CASIO tape cartridge can harm your printer, result in poor printing quality, and cause other problems that can permanently affect the printer’s ability to perform at the level for which it was designed. Also note that problems caused by use of a non-CASIO tape cartridge are not covered by the printer’s warranty, so any charges required for servicing and repair must be borne by you.

## ■ Precautions When Using Bluetooth Functions

- Because this printer uses wireless communication, it may affect or be affected by nearby equipment.

## ■ Frequencies used

This printer uses frequencies in the 2.4 GHz band that may also be used by other wireless equipment.

To prevent radio interference with other wireless equipment, note the following when using this printer.

This printer includes built-in wireless devices for a low-power data communications system.

Other equipment that operates in the frequency band being used includes industrial, scientific and medical equipment such as microwave ovens, along with other wireless stations of the same type, in-plant wireless stations for mobile object identification that require a permit and are used in facilities such as factory production lines, specific low-power wireless stations that do not require a permit, and amateur wireless stations (hereinafter referred to collectively as "other wireless stations").

- Check that there are no other wireless stations operating nearby before using the printer.
- If any radio interference occurs between this printer and other wireless stations, immediately move the printer to another location or stop using the printer.
- If any other difficulties arise, such as radio wave interference, contact your original retailer or a CASIO Service Center.

### **Using This Printer as a Wireless Device**

The wireless function in this product should be used within the limitations stated in this User's Guide.

CASIO COMPUTER CO., LTD. accepts no liability whatsoever for any damages arising from other uses of this product.

### **Magnetism, electrostatic charge and radio interference**

Do not use this product in locations exposed to magnetism, electrostatic charge or radio interference, such as close to a microwave oven. In some environments, it may not be possible to receive radio waves.

Also, using this product close to a device that uses radio waves in the 2.4 GHz band may result in lower processing speeds in both devices.

### **■ Personal Information**

- Personal information is the name, address, phone number, and date of birth information that can be used to identify a particular individual.

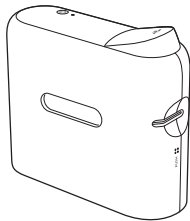
The label showing the ratings for this product is located under the cover.

---

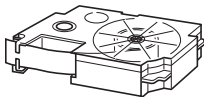
# Printer and Bundled Accessories

---

- Label printer

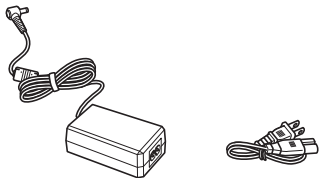


- Trial tape cartridge (12 mm wide)



- AD-A95100L AC adaptor (with power cord)

The shape of the power cord plug varies according to country or geographic area.



---

# Operational Flow for This Printer

---

**Install the app on your smartphone**

[Page 14](#)



**Connect the AC adaptor**

Or load the batteries

[Page 16](#)

[Page 17](#)



**Connect the printer to your smartphone**

[Page 25](#)



**Create a label file in the app**

- Creating files in LABEL DESIGN MAKER



**Install a tape cartridge**

[Page 20](#)



**Print**

[Page 27](#)

---

# Installing the App

---

This printer creates labels using the LABEL DESIGN MAKER label printing app.

Follow the instructions on the page shown below to install LABEL DESIGN MAKER on your smartphone.

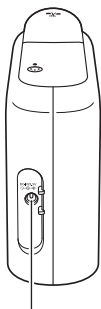
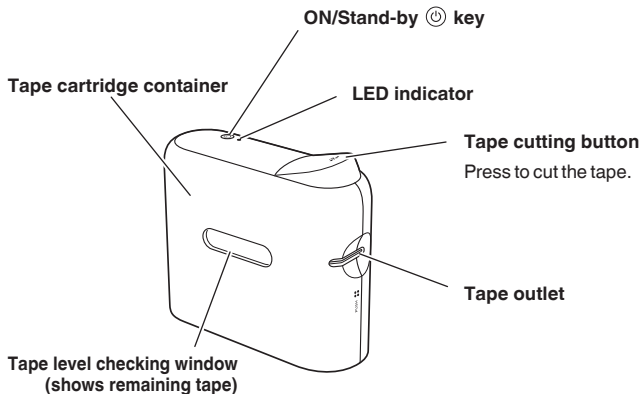
## **LABEL DESIGN MAKER downloads**

<https://s.casio.jp/s/10009/>



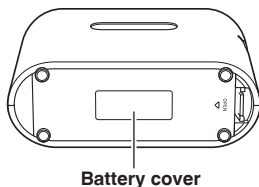
- This manual sometimes refers to LABEL DESIGN MAKER as “the app”.

# Names of Parts and Their Functions



## AC adaptor port

Use this to connect the specified AC adaptor.



# Power Supply

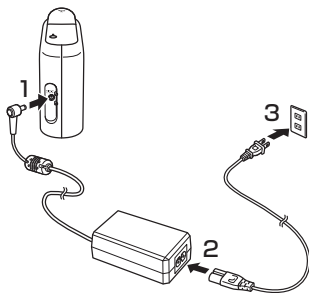
When using the printer, you can use either the specified AC adaptor or third-party alkaline batteries as the power source.

- Be sure to read “Safety Precautions” ([Page 4](#)) before using the printer.

## Operation Using the AC Adaptor

### ■ Connecting the AC Adaptor


1. Plug the AC adaptor plug into the AC adaptor connection terminal of the printer.
2. Connect the power cord to the AC adaptor.
3. Plug the power cord into a household power outlet.



### Important!

- Be sure to plug the AC adaptor into a normal household power outlet.
- Do not use adaptors other than the specified AC adaptor.

### ■ Disconnecting the AC Adaptor

1. Press  until the LED indicator turns off indicating that the power is off.
2. Unplug the AC adaptor from the power outlet and the printer.

### Important!

- Do not disconnect the AC adaptor while printing. Doing so may cause a fault.
- Do not touch the AC adaptor plug during communication. Factors such as static electricity may interrupt communication.
- When connecting or disconnecting the AC adaptor while the printer is in the “batteries loaded” status, always turn the printer off first.

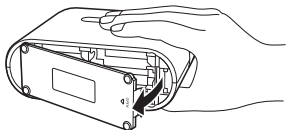
## Operation Using Batteries

### Important!

- Always ensure that all 6 batteries are new AA-size alkaline batteries. The use of batteries other than those specified or a combination of new and old batteries could result in battery characteristics that do not match the printer's specifications. This may cause printer malfunctions or cause the batteries to fail prematurely.

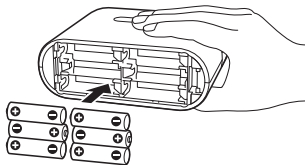
### 1. Remove the battery cover on the bottom of the printer.

Do not apply undue force to the battery cover (bend it backwards, etc.). Doing so may cause a fault.

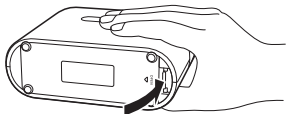


### 2. Load the batteries.

Note the battery polarity ( $\oplus$  and  $\ominus$ ) when loading the batteries.



### 3. Re-attach the battery cover.



**Important!**

- Using batteries that are low on charge may cause the printer to shut down during printing. It is recommended that you use the specified AC adaptor.
- Due to the particular characteristics of the batteries, their capacity may degrade when used at temperatures lower than 10°C. This may make it more likely that the LED indicator will light to show that the batteries are low on charge. If this occurs, move the printer to an environment that is within the printer's operating temperature range (10°C to 35°C) before using it.
- When connecting or disconnecting the AC adaptor while the printer is in the "batteries loaded" status, always turn the printer off first.

**Battery Life**

Under standard printing conditions, the printer will print approximately 4 rolls of 18 mm tape cartridge.

- The battery life will be shorter if you are printing images or text with large areas of black, if you are printing at low temperatures, or if you loaded batteries into the printer and left it unused for a long period.
- When the printer is not in use, the batteries must be replaced at least once every 2 years.


---

# Turning the Power On and Off

---


This section describes how to turn the printer on and off.

## ■ Turning the printer on

Pressing  on the top of the printer turns the printer on and the LED indicator lights green.

- To turn the printer on, you must first either connect the AC adaptor or load third-party batteries. See “Power Supply” ([Page 16](#)) for details.

## ■ Turning the printer off

Press  on the top of the printer until the LED indicator turns off indicating that the printer is turned off.

## Auto Power Off Function

If you leave the printer turned on without using it, it shuts down automatically after approximately 60 minutes when the AC adaptor is used or after approximately 6 minutes when batteries are used. This is referred to as the **Auto Power Off function**.

To resume using the printer, press .

---

# Installing/Removing Tape Cartridges

---

To print labels, you need a tape cartridge.


Use either the tape cartridge supplied with the printer or one sold separately.

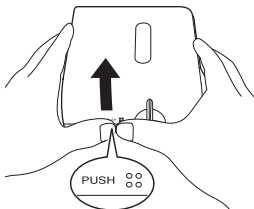
- This printer supports the 6 mm, 9 mm, 12 mm and 18 mm tape widths.

## Important!

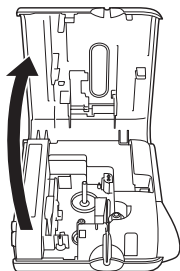
- To replace the tape cartridge, set the printer set down on its side.

## Installing Tape Cartridges

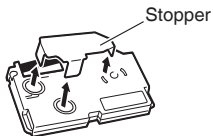
1. Press  until the LED indicator turns off indicating that the power is off.
2. Set the printer down on its side, press on the area on the side marked “PUSH” and raise the cover.



3. Remove the cover.



#### 4. Remove the stopper attached to the tape cartridge.

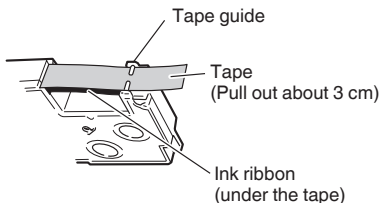


#### Important!

- When removing the stopper, carefully and slowly raise it straight upwards. Pulling on the stopper with strong force can cause the stopper to break and leave part of it inside one of the tape wheels, which can cause tape rotation problems and faulty printing.

#### 5. Check the condition of the tape and the ink ribbon.

- Make sure the leading end of the tape is not bent. If it is, use scissors to trim off the bent part.
- Make sure the leading end of the tape is passing through the tape guide.
- Make sure there is no slack in the ink ribbon.

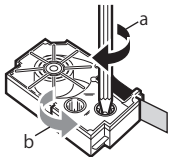


#### Important!

- Tape once pulled out of the cartridge cannot be pushed back in.
- Do not apply excessive force when pulling on the tape. Doing so can break or otherwise damage the ink ribbon.
- Loading a tape cartridge whose ink ribbon is slack can cause cutting of the ink ribbon and other malfunctions.

#### Take up any slack in the ink ribbon.

- If there is slack in the ink ribbon, insert a pencil or similar object into the upper right wheel ("a" in the nearby illustration) and rotate in the direction indicated by the arrow. Rotate until the lower left wheel ("b" in the illustration) starts to rotate. Note that the tape does not move along with the ink ribbon at this time.



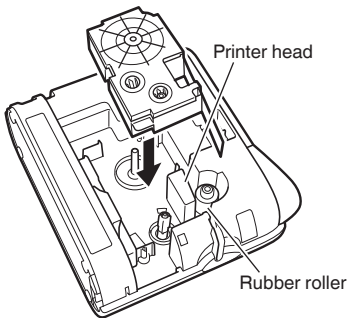
## 6. Set the tape cartridge in place.

Taking care not to pull on the ink ribbon, pass the tape and ink ribbon between the print head and the rubber roller (illustration below). Press down on the tape cartridge until it clicks securely into place.

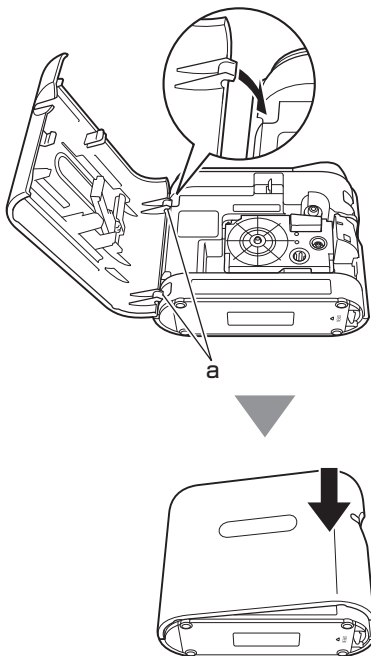
If the tape is not loaded correctly, a tape-related error message will appear and you may not be able to print. If this occurs, load the tape again.

### Important!

- An improperly loaded tape cartridge can cause the ribbon to break.




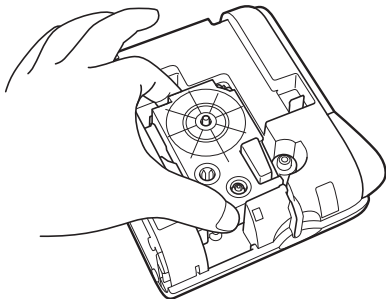
## 7. Re-attach the cover.



- Engage the cover hooks with the printer locations marked “a” and close the cover. Close the cover until it clicks into place.
- Once you have loaded the tape cartridge, do not pull the tape out or try to push it back in.

## Removing Tape Cartridges

- 1. Press  until the LED indicator turns off indicating that the power is off.**
- 2. Remove the cover.**
  - See steps 2-3 in "Installing Tape Cartridges" ([Page 20](#)) for details.
- 3. Remove the tape cartridge.**
  - Because the printer head is hot just after printing, allow ample time before removing the tape cartridge.



---


# Connecting to a Smartphone

---

Connect the printer to a smartphone using Bluetooth. This offers a simple way to connect with no need for pairing.

Before connecting, you must first either connect the AC adaptor to the printer or load third-party batteries. See “Power Supply” (Page 16) for details.

## Launching the App for the First Time

- 1. Press  to turn the printer on.**
  - The LED indicator on the printer turns on.
- 2. Activate Bluetooth on your smartphone.**
- 3. Launch LABEL DESIGN MAKER on the smartphone.**
  - If you are launching the app for the first time, the “End User Software License Agreement” appears.
- 4. Read the End User Software License Agreement carefully and then tap “Agree”.**
  - The printer model selection screen appears.
- 5. Select “KL-BT1” and tap “Finish”.**
  - “First, connect to the label printer.” appears.
  - If you are asked to allow the use of Bluetooth, tap “OK” to allow it.
- 6. Tap “Connect now”.**
  - To connect later, tap “Connect later”.
  - “Found printers.” appears, along with the “KL-BT1\_\*\*\*\*\*” printer name.
  - If the location information setting is required, tap “Settings” and enable location information.
  - If access to location information is requested, allow it.
  - If “Printer not found.” appears, tap the “Retry” button and search for the printer again.

## 7. Tap the “KL-BT1\_\*\*\*\*\*” printer name to select this printer.

- The printer name is displayed in the “product name” + “product-specific 6-digit alphanumeric code”.
- When this printer is selected, the LED indicator on the printer flashes several times.
- When the connection is completed, “Printer connection established.” appears.

## Launching the App Subsequently

### 1. Press to turn the printer on.

- The LED indicator on the printer turns on.

### 2. Launch LABEL DESIGN MAKER on the smartphone.

- The home screen appears.

### 3. Tap ( ) in the Settings tab.

- The “Settings” screen appears.

### 4. Tap “Model”.

- The printer model selection screen appears.

### 5. Select “KL-BT1” and tap “Back”.

- If you are asked to allow the use of Bluetooth, tap “OK” to allow it.

### 6. Tap “Print Settings”.

- The “Print Settings” screen appears.

### 7. Tap the printer icon ( ).

- “Found printers.” appears, along with the “KL-BT1\_\*\*\*\*\*” printer name.
- If the location information setting is required, tap “Settings” and enable location information.
- If access to location information is requested, allow it.
- If “Printer not found.” appears, tap the “Retry” button and search for the printer again.

### 8. Tap the “KL-BT1\_\*\*\*\*\*” printer name to select this printer.

- When this printer is selected, the LED indicator on the printer flashes several times.
- When the connection is completed, the “Print Settings” screen reappears showing the connected printer.

---

# Printing

---


This printer creates files for printing using the LABEL DESIGN MAKER label printing app and prints those files.

All the steps in this process are performed in the app.

## Printing Precautions

- Tape fed out during printing should not be touched until printing is completed.
- When printing long labels or consecutive print jobs, use a tape cartridge with plenty of remaining tape to ensure that the tape does not run out during printing.  
When a cartridge has run out of tape, replace it with a new cartridge rather than leaving the empty cartridge in the printer.
- Do not allow cut tape to accumulate around the tape outlet. Tape blocking the tape outlet may cause the tape to jam. Such blockages may cause faults such as printer errors or incorrect tape cutting, so tape scraps should be removed using tweezers or cotton buds.
- Names and addresses created in the app are personal information and should be handled with appropriate care.

## Printing

- 1. Launch the app and display the label to be printed.**
- 2. Tap the printer icon (  ).**
  - The “Print list” screen appears.
- 3. Tap “Start printing”.**
  - Printing begins.
- 4. Once printing is completed, press the tape cutting button.**
  - Depending on the terminals using the communications system, printing may take some time.
  - If the LED indicator continuously flashes red, check the tape cartridge.
  - If large amounts of black text are printed at a time, it may not be printed clearly. Reduce the number of labels printed or wait some time before printing. You can also try reducing the density.
  - Do not press the tape cutting button during printing. Doing so may cause a tape jam.

## Changing the Settings

### ■ Changing the Print Density

#### 1. Tap the Settings tab (⚙️) in the app's top screen.

- To change the setting while editing labels, tap the Settings icon (⚙️) in the app screen. The "Print Settings" screen appears. Proceed to step 3.
- The "Settings" screen appears.

#### 2. Tap "Print Settings".

- The "Print Settings" screen appears.

#### 3. Slide the "Print Density (Density)" ●.

- Higher numbers denote darker printing.

### ■ Setting Marks for Cutting Labels (Cut Marks)

This setting specifies whether cut marks are added when you plan to cut printed labels with scissors.

- The default setting when the app is installed is not to add cut marks.
- Depending on the type of tape used, cut marks may not be printed clearly.

#### 1. Tap the Settings tab (⚙️) in the app's top screen.

- To change the setting while editing labels, tap the Settings icon (⚙️) in the app screen. The "Print Settings" screen appears. Proceed to step 3.
- The "Settings" screen appears.

#### 2. Tap "Print Settings".

- The "Print Settings" screen appears.

#### 3. Tap the "Cut mark printing" switch.

- Set this switch to ON to add cut marks and to OFF to print without cut marks.

## Canceling Printing


To interrupt printing in progress, press  on the printer during printing.

- Once printing has stopped, feed the tape out and then manually cut the tape. See “Advancing the Tape” ([Page 29](#)) for information on how to feed tape out and “Cutting the Tape” ([Page 30](#)) for information on how to cut tape.

## Advancing the Tape

You can feed out a margin of blank tape before and after printing. This is performed in the app.

### 1. Tap the Settings tab ( ) in the app’s top screen.

- To feed tape through while editing labels, tap the Settings icon (  ) in the app screen. The “Print Settings” screen appears. Proceed to step 3.
- The “Settings” screen appears.

### 2. Tap “Print Settings”.

- The “Print Settings” screen appears.

### 3. Tap the “Execute” button for “Feeding the tape”.

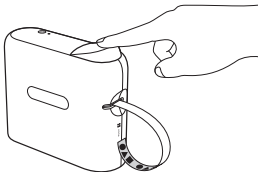
A set amount of tape is fed out.

- Once the tape has been fed out, cut and remove the tape.

## Cutting the Tape

### 1. Press the tape cutting button.

- Remove the tape after cutting.



### Important!

- Check that all the printing has finished before cutting the tape. Pressing the tape cutting button during printing could cause a tape jam or damage the printer.

### Using iron-on fabric tape or heat-shrinkable tube

**Iron-on fabric tape and heat-shrinkable tube** are specially treated tapes.

To cut such tapes, use scissors or a similar tool as described below. (For iron-on fabric tape, always use sewing scissors designed for cutting fabrics, etc.)

Note that cutting **iron-on fabric tape or heat-shrinkable tube** in the printer will shorten the life of the cutter unit. Please bear this in mind.

1. Print

2. Feed out the tape

- See “Advancing the Tape” ([Page 29](#)) for details.

3. Remove the tape and cut it using scissors, etc.

- After use, always remove the tape from the printer for storage.

## Affixing a Label to a Surface

1. If required, use scissors or some other implement to trim the label to the desired size or shape.
2. Peel off the backing of the label and affix the label to the desired surface.
  - Bending a corner of the label makes the backing easier to peel off.



- Removing a label from a surface where it was affixed may cause adhesive residue to remain on the surface.

### Important!

Do not try to affix a label to the objects or at the locations described below.

- On a surface exposed to direct sunlight or rain
- On the body of a person or animal
- On a utility pole, on a fence or structure not owned by you, etc.
- On a container used for heating in a microwave oven

Note that touching the adhesive surface of the label with fingers or hands that are coated with hand cream or a similar material may make the label more likely to peel off.

### Incompatible Surfaces

- Rough or grainy surfaces
- Wet, oily, dusty, or otherwise soiled surfaces
- Special plastic (silicon, polypropylene, etc.) surfaces

---

# Cleaning

---

Soiling on the printer head or rubber roller may result in impaired label printing quality. Use the procedure below to clean the printer head and rubber roller.

## Using Cotton Buds

### Important!

- Use a soft implement such as a cotton bud to clean the printer head and rubber roller. We recommend using the slimmest available cotton buds.

### 1. Set the printer down on its side and remove the cover.

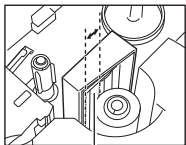
- See steps 2-3 in “Installing Tape Cartridges” (Page 20) for information on how to remove the cover.
- If a tape cartridge is loaded in the printer, remove it.

### Important!

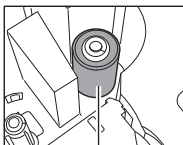
- Because the printer head is hot during and immediately after printing, wait sufficient time before removing the tape cartridge.

### 2. Wipe the surfaces of the printer head and rubber roller clean with a cotton bud moistened with alcohol.

Wipe the brown section of the printer head that makes contact with the rubber roller (the area between the dotted lines) particularly firmly.



Printer head



Rubber roller

- You can rotate the rubber roller using the app. Use the procedure below. Launch the app → In the home screen, tap Settings (⋮) → “Print Settings” → “Feeding the tape” → “Execute”.

### **Cleaning the Exterior of the Printer**

- Use a soft cloth moistened with water to clean the exterior of the printer. Be sure to completely wring out all excess liquid from the cloth before wiping. Never use benzene, alcohol, thinners, or other volatile agents, which can damage the printer.

---

# Troubleshooting

---

This section explains reference information that comes in handy when you experience problems with printer operation. If, for any reason, you cannot find the solution to your problem here, contact your original retailer or a CASIO service center.

● **The LED indicator doesn't light when I press .**

Probable Cause	Required Action
The AC adaptor is not connected correctly.	Connect the AC adaptor correctly. ( <a href="#">Page 16</a> )
The AC adaptor used is not the specified AC adaptor.	Use the specified AC adaptor or load new batteries (third party).
The batteries used are depleted or are not the specified type.	
The batteries are not loaded correctly.	Reload the batteries correctly. ( <a href="#">Page 17</a> )

● **The job finishes normally but nothing is printed.**

Probable Cause	Required Action
The tape has run out.	Replace the tape cartridge with a new tape cartridge.
Only blank space was entered.	Enter the text that you want to print.

- **Printing is not clear.**
- **The printer won't print clearly.**
- **The printing is too faint.**

Probable Cause	Required Action
There is dirt, dust or other soiling on the printer head and rubber roller.	Clean the printer head and rubber roller. (Page 32)
The tape cartridge is not loaded correctly.	Reload the tape cartridge correctly.
The AC adaptor used is not the specified AC adaptor.	Use the specified AC adaptor or load new batteries (third party).
The batteries used are depleted or are not the specified type.	
There is wrinkling due to slack in the ink ribbon.	Wind the ink ribbon tight and reload the tape cartridge correctly. (Page 20)
The print density is wrong.	Adjust the print density in the app. (Page 28)

- **Labels aren't printed**
- **The printer turned off during printing**

Probable Cause	Required Action
The AC adaptor used is not the specified AC adaptor.	Use the specified AC adaptor or load new batteries (third party).
The batteries used are depleted or are not the specified type.	

- **The ink ribbon is fed out of the tape outlet with the tape.**

Probable Cause	Required Action
The tape cartridge was loaded without tightening the ink ribbon.	Remove the tape cartridge. Check that the ink ribbon is not cut and then wind the ribbon tight. Then reload it correctly. (Page 20)

● **The LED indicator continuously flashes red.**

Probable Cause	Required Action
Printer fault	Contact your original retailer or a CASIO Service Center for replacement.
The tape is wrapped around the rubber roller.	Check the tape cartridge.

● **No tape is fed out when I try to print.**

Probable Cause	Required Action
The cover on the tape cartridge container is not shut properly.	Close the cover firmly.
The tape has run out.	Replace with a new tape (sold separately).
Tape jam	Remove the tape cartridge and pull out the jammed tape with your fingers. Cut off the tape you pulled out with scissors, etc. Then reload the tape cartridge correctly.  <b>Important!</b> Do not do any of the following during printing: <ul style="list-style-type: none"> <li>• Block the tape outlet</li> <li>• Touch the tape being fed out</li> <li>• Open the cover of the tape cartridge container</li> <li>• Turn off power.</li> </ul>
The AC adaptor used is not the specified AC adaptor.	Use the specified AC adaptor or load new batteries (third party).
The batteries used are depleted or are not the specified type.	

● **The printer can't cut the tape.**

Probable Cause	Required Action
The tape is jammed in the tape outlet.	Switch the printer off, remove the tape cartridge and clear the jammed tape.
The tape cutter is worn.	Contact your original retailer or a CASIO Service Center for replacement.

● **Labels don't stick**

Probable Cause	Required Action
The location or the material is not suitable.	Labels will not stick onto rough, gritty, wet, oily or soiled surfaces. (Page 31)

● **Label margins too large**


Probable Cause	Required Action
The margin is set to "Large" or "Medium".	Set the margin to "Small". (Due to the construction of the printer, there is always a margin at the top of the label during printing.)

● **The "Printer not connected" error message appears**

Probable Cause	Required Action
No printer is selected.	Locate and select a printer. (Page 26)

● **Can't connect to a smartphone**

● **The "Printer not found" error message appears**






Probable Cause	Required Action
The printer is not turned on.	Press  on the printer.
Signal reception is poor.	Move the printer to another location.
The printer is in use.	Try again.
Bluetooth is not enabled on the smartphone.	Select ON in the Bluetooth settings. Depending on your smartphone, you may need to enable Bluetooth for each app.
Location information is not enabled on the smartphone.	Select ON in the location information settings. Depending on your smartphone, you may need to enable location information for each app.
None of the above	Turn the printer off and then back on.

---

# List of Printer Statuses and LED Indicator Displays

---

The table below shows the printer statuses and the corresponding LED indicator lighting and flashing patterns.

Printer Status	LED lighting/flashing pattern
Printer turned on	Green 
Printer selected on the smartphone	Green 
Battery level low	Orange 
Communicating/Printing/ Feeding tape	Green 
Printing canceled	Red 

---

# Specifications

---

**Model Name** : KL-BT1

## Printing

Printing resolution : 200 dpi

Printing method : Thermal transfer

Printing speed : 10 mm per second maximum

• Printing speed depends on the printing environment, printing conditions, etc.

Maximum print width : Approximately 12 mm

4 mm (Tape width: 6 mm)

7 mm (Tape width: 9 mm)

10 mm (Tape width: 12 mm)

12 mm (Tape width: 18 mm)

## Power Supply, Other

Power requirements : Specified AC adaptor (AD-A95100L, included)  
6 AA-size alkaline batteries (commercially available)

Rated voltage : 9.5 V DC

Rated consumption current : 1 A (9.5 W)

Auto Power Off : Approximately 60 minutes (AC adaptor)  
Approximately 6 minutes (Battery)

Dimensions : 137.5 (H) × 57 (W) × 154 (D) mm (including feet)

Weight : Approximately 425 g (15.1 oz) excluding batteries

Operating temperature : 10°C to 35°C

## Bluetooth Specifications

Wireless standard : Bluetooth<sup>®</sup> 4.2 (Low Energy) (2.4 GHz)  
Interference range ≤ 10m

## AC adaptor (AD-A95100L)

Input : AC 100 to 240V, 50/60 Hz, 0.4A

Output : DC 9.5V, 1.0A, 9.5W

Average active efficiency : 81.65 (%)

Efficiency at low load (10 %) : 70.0 (%)

No-load power consumption : 0.10 (W)



Manufacturer:  
CASIO COMPUTER CO., LTD.  
6-2, Hon-machi 1-chome, Shibuya-ku, Tokyo 151-8543, Japan  
Responsible within the European Union:  
Casio Europe GmbH  
Casio-Platz 1, 22848 Norderstedt, Germany  
[www.casio-europe.com](http://www.casio-europe.com)

Bluetooth LE (2.4 GHz)  $\leq$  1dBm

The copy of the Declaration of Conformity can be found on  
<http://doc.casio.com/>.

**Note:**

This equipment is intended to be used in all EU and EFTA countries.  
Outdoor use may be restricted to certain frequencies and/or may require a  
license for operation.  
For more details, contact your customer service representative.

**English**

Hereby, CASIO Europe GmbH declares that the radio equipment type Label  
Printer Model KL-BT1 is in compliance with Directive 2014/53/EU.  
The full text of the EU declaration of conformity is available at the following  
internet address: <http://doc.casio.com/>

**CASIO®**

**CASIO COMPUTER CO., LTD.**

6-2, Hon-machi 1-chome  
Shibuya-ku, Tokyo 151-8543, Japan