

# TEPRA Lite

LR30GS User's Manual

Please visit our website for Spanish, French and other language versions of the user's manual.



### Contents

- "TEPRA" Lite LR30GS
- User's Manual (This document serves as product warranty)

### <Symbol Description>

: ON / Stand-by : Hot Surface : Direct current

Thank you for purchasing this LR30GS "TEPRA" Lite. Please read this user's manual carefully before using this product. This document also serves as the product warranty certificate. Please keep it for future reference and warranty claims.

- Use "TEPRA" Lite tape with this device.
- "TEPRA" Lite tape is special types of thermal tape paper. Do not expose the tape to any direct strong light (e.g. sunlight), medical product (e.g. hand cream), high temperature and humidity, or rub the tape with hard object. These may cause color fading of tape and printed characters.
- Using this device in close proximity to televisions, radios, or other digital receivers may cause feedback noise.
- "TEPRA" Lite tape is designed for printing use only. Do not use as ordinary adhesive tape.
- 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.

This product is to be used according to corresponding Software License Agreements. Check Software License Agreements carefully at the time of installation.

- App Store is a trademark of Apple Inc.
- Android and Google Play are trademarks of Google LLC.
- The Bluetooth® word mark and logo are registered trademarks owned by Bluetooth® SIG, Inc. KING JIM CO., LTD. has been authorized to use these trademarks.
- KING JIM and TEPRA are trademarks or registered trademarks of KING JIM CO., LTD.
- Other company names and product names are trademarks or registered trademarks of the respective companies.

## Main Specifications

Printing method	Thermal printing
Print width	About 0.35in (9mm, 180 dpi, 64 dot)
Tape supported	"TEPRA" Lite tape
Cutter	Manual
Interface	Bluetooth®
Display	LED (two colors)
Power supply	(4x) AAA alkaline batteries (sold separately)
Dimensions	Approx. 2.79" L X 1.81" W X 2.99" H (Approx. 7.08cm L X 4.6cm W X 7.6cm H)
Weight	About 4.6oz (130g) (excludes tape and batteries)
Operating conditions	59°- 95°F, 30 - 80% relative humidity 15°- 35°C (no condensation)
Storage conditions	14°- 135°F, 5 - 80% relative humidity -10°- 57°C (no condensation)

## Safety Precaution

Always observe these precautions!

The following precautions must always be observed in order to prevent injury to persons and avoid damage to the product or other objects.

By ignoring these precautions or misusing this product, the degree of risk described in the following categories:

**Danger** Incorrect usage can result in the highly imminent possibility of death or serious injury.

**Warning** Incorrect usage may result in death or serious injury.

**Caution** Incorrect usage may result in injury or physical damage.

\* The symbols below represent the following precautions:

- Indicates a danger, warning, or caution to pay attention to.
- Indicates a prohibited operation.
- Indicates a mandatory operation.

## Danger

### [Handling batteries]

- If the alkaline solution from a battery gets in your eyes, it could cause blindness or other injury. If this happens, do not rub your eyes, but wash them out immediately with plenty of clean tap water, then seek medical attention.

## Warning

### [Handling batteries]

- 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.
- 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.
- 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.

## Caution

### "TEPRA" Lite tape

- 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 step on, drop, or strike this product. Do not subject it to strong force, mechanical shock, or liquids. Do not disassemble or alter it. Doing so could cause a malfunction, fire, or electrical shock.
- Do not operate this product in any way not found in this manual. Doing so could cause an accident or malfunction.
- Do not touch anywhere near the tape outlet during printing or cutter operations. Your finger could be cut.

Dispose of used batteries in accordance with the local laws and ordinances in your area. Use only AAA Alkaline batteries. Rechargeable batteries cannot be used.

## Wireless products

The Bluetooth® module installed inside this product has received a Certificate of Construction Design as a radio device for a 2.4GHz band advanced low power data communication system in accordance to the Radio Law. Therefore, a radio station license is not needed to use this product. However, the following actions may result in punishment by law.

- Disassembly / modification of this product
- Erasing the certification mark\*1 from this product

This product uses the 2.4GHz frequency band. Bluetooth® uses the same frequency band as 2.4GHz radios and wireless LAN devices. It also may affect other devices that use the same frequency band.

- Before using this product, check if "other radio stations \*2" are operating nearby.
- If radio wave interference occurs between this product and "other radio stations \*2", change the place of use or stop using this product.

- \*1 The mark of conformity with technical regulations (Technical Conformity Mark) for specific wireless equipment is displayed on the module inside this product.
- \*2 "Other radio stations" refers to industrial, scientific, and medical devices that use the same 2.4 GHz as this product 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.

## 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.

## Post-purchase 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. Please note that any stored data will be cleared from the device at the time of inspection or repair.

## Inquiries

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

### Contact Us

Customer center URL: [https://cwfb.t.msgs.jp/webapp/form/21530\\_cwfb\\_6/index.do](https://cwfb.t.msgs.jp/webapp/form/21530_cwfb_6/index.do)

### Manufacturer

**KING JIM** KING JIM CO., LTD.  
2-10-18, Higashi-Kanda, Chiyoda-ku  
Tokyo, 101-0031 JAPAN  
URL: [www.kingjim.co.jp/english/](http://www.kingjim.co.jp/english/)

### Importer



## Warranty eligibility clause

- Repairs are guaranteed during the allotted warranty period as stated in this User's manual for defective or malfunctioning devices only. Any repairs needed outside of the warranty's window can be done for the cost of the repair as determined by the manufacturer. Please note that any stored data will be cleared from the device at the time of inspection or repair.
- Should your device require a repair, both the product and warranty should be brought back to the place of purchase within the allotted warranty period and the device will be repaired at no extra cost.
- If for any reason you are unable to bring the device back to the place of purchase, please contact your nearest "TEPRA" dealer or our Customer Service Department directly.
- Only those defective or malfunctioning devices that meet the manufacturers' warranty conditions for repair will be serviced at no extra charge. The manufacturer has the right to charge for repairs in the following cases, whether inside of the warranty period or not:
  - (1) Malfunction or damage is due to misuse or inappropriate alterations to the device.
  - (2) Malfunction or damage is due to dropping or physically damaging device after purchase.
  - (3) Malfunction or damage is due to fire, earthquake, flood damage, lightning, or any other natural disaster or abnormal occurrence.
  - (4) Malfunction or damage is due to using a device for any purpose other than the general use intended.
  - (5) When this warranty is not able to be presented.
  - (6) When the date of purchase, customer name, or store name is not physically written on this warranty certificate or was altered in any way.
- Repairs are not offered on parts or items that are sold separately.
- Excluding the event of intentional or gross negligence by the Company, the Company shall not be liable for any direct or indirect damages or damages from spillover effects, damages to data programs and other intangible property, or loss of profits caused by the use of the product by customers, regardless of the state of the warranty. In the event of intentional or gross negligence by the Company, the Company shall be liable for damages only up to the price of the product.
- This document is valid only in the country/region of purchase.
- This warranty certificate may not be reissued. Store it carefully in a safe place.

This warranty certificate guarantees repairs without charge based solely on the time period and conditions documented. The contents of this warranty do not limit the legal rights of the customer. When seeking a repair, please bring the product together with this warranty certificate to the place of purchase to consult on a request for repair.

## Warranty

Product Name "TEPRA" Lite LR30GS

Warranty Period: 1 year from the date of purchase

Date of Purchase: Month Date Year

Customer Details: Name

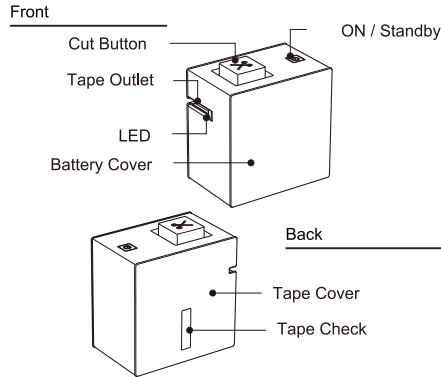
Address

Telephone number

Product Serial No.:

Place of Purchase:

## Names and functions of each part



## Before using this device

The "TEPRA" Lite LR30GS connects to iOS and Android devices to create and print labels.

This user's manual describes how to connect and use the device. Please visit our website [www.kingjim.co.jp/english](http://www.kingjim.co.jp/english) for details on how to operate the apps.

### Downloading the app

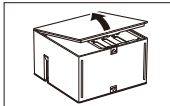
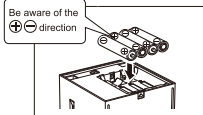
- iOS** Search for and download the TEPRA Lite app in the App Store.
- Android** Search for and download the TEPRA Lite app with Google Play.

\*Data fees for downloads may apply.

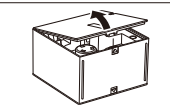
### Connection to an iOS/Android device

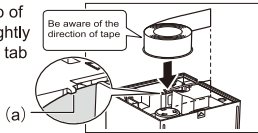
The "TEPRA" Lite LR30GS is connected via Bluetooth®. Power on the device before printing. Tap the print button on the app when ready for printing.

## Setting the battery

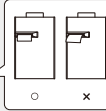
- Remove the battery cover 
- Set 4 AAA alkaline batteries (sold separately) 

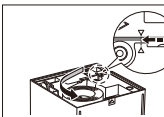
## Setting the tape

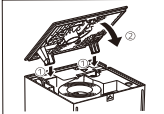
- Remove the tape cover 

- Take out the tip of the tape and tightly set it under the tab (a). 

### Caution

- If the backing of the tape is peeled off, the tape may be jammed during printing. If the tape side paper remains on the main body, be sure to remove it.
- Please set the tip of the tape as an image on the right. Please note that tape will be printed diagonally if it is not set properly. 

- Turn the tape with your finger and return the tip to the position of 

- Align the tab with the gap and attach the tape cover. 


### Caution

Please put it tightly until you hear the click.

## LED Display

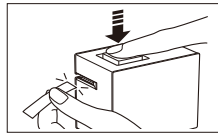
LED	Light	Machine status
Bluetooth® LED (white)	Off	Power is off.
	Flashing slowly	Power is on. Waiting for Bluetooth® connection.
	On	Power is on. Connected via Bluetooth®.
	Flashing	Printing.
Battery LED (orange)	Flashing	Battery is low. Changing batteries is recommended.
Error LED (orange)	On	An error has occurred in the device. If a device error occurs, check the error message on the connected device's screen. If an error message does not appear, check the installation of the tape to ensure that it was installed properly. If the problem persists, turn the device off and back on again. If the error cannot be resolved, contact the store of purchase, "TEPRA" dealer, or our Customer Service Department.

## Operation

- Push  button and turn the power on  
The power will be turned off automatically if no operation is performed for 10 minutes.
- Create label content in the app
- Tap the print button in the app

### Caution

Do not touch the tape or near the tape outlet and do not press the cut button during printing. The tape may be jammed.

- Press the cut button to cut the tape once printing is complete. 

### Note

- Since this machine does not detect the end of the tape, it will continue printing even there is no more tape.
- The length of the printed tape may differ from the length displayed on the iOS / Android device.

## Troubleshooting

### "TEPRA" Lite does not turn on when is pressed

- Are the batteries installed correctly?**  
If the batteries are installed backwards, or are not inserted properly, the power will not turn ON.
- Have the batteries worn out?**  
If the batteries need to be replaced, the power will not turn ON. Replace all batteries with new ones and try again.
- Are manganese batteries being used instead of alkaline?**  
Please use alkaline batteries only with this device.

### "TEPRA" Lite is not printing properly

- Are you seeing an error message on your device screen?**  
If an error occurs, it will need to be resolved before printing can continue. Check for an error message on the app and try again.
- Has a Bluetooth connection been established?**  
Check if the Bluetooth® LED (white) light is on to confirm the connection.
- Are you using a device that's compatible with "TEPRA" Lite?**  
Please check our website for details on compatible devices.
- "TEPRA" Lite might have automatically powered off.**  
If no operation is performed within 10 minutes, the device will automatically power off. Make sure it's on and try again.

### Cannot connect with Bluetooth®

- Is another device already connected?**  
"TEPRA" Lite cannot be connected via Bluetooth® to multiple devices at once. Check that no other devices are connected and try again, ensuring the Bluetooth® LED (white) light is on and blinking.
- 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 signal range for this device is about 30ft. This range varies depending on the strength of the signal and other factors. Move devices closer together for a stronger signal.

### The product is not operating properly

The device may not be operating properly for several reasons related to static electricity or other factors. If ever the device is not operating properly, try turning the power off and back on again. If the issue cannot be resolved, contact the store of purchase, "TEPRA" dealer, or our Customer Service Department.

### The print quality is faint

Use a dry cotton swab to gently wipe the printhead clean. 

## FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:  
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help.
- The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

## IC Warning


This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:  
(1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device.  
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

## CE Maintenance

1. Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
2. EUT Operating temperature range: 15°C to 35°C.
3. The device complies with RF specifications when the device used at 0mm from your body.

Declaration of Conformity  
KING JIM CO., LTD. hereby declares that this LR30GS is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. In accordance with Article 10(2) and Article 10(10), this product is allowed to be used in all EU member states.

## Disposal of Old Electrical & Electronic Equipment For European Users (Applicable in the European Union and other European countries with separate collection systems)

 The crossed out wheeled bin label that can be found on your product indicates that this product should not be disposed of via the normal household waste stream. To prevent possible harm to the environment or human health please separate this product from other waste streams 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.

This information only applies to customers in the European Union, on waste electrical and electronic equipment (WEEE) and legislation transposing and implementing it into various national legal systems, and to customers in countries in Europe, Middle East and Africa (EMEA) where they have implemented equivalent regulations. For other countries, please contact your local government to investigate the possibility of recycling your product.