

## Mini Cassette Recorder

**RQ-L50**  
**RQ-L30**  
**RQ-L10**



The illustration shows **RQ-L30**.

## Operating Instructions

**P**

The serial number of this product can be found on the back of the cassette compartment cover or inside the battery compartment.

Please note it in the space provided below and keep as a permanent record of your purchase to aid identification in the event of theft.

MODEL NUMBER \_\_\_\_\_

SERIAL NUMBER \_\_\_\_\_

**Panasonic Consumer Electronics Company,**  
Division of Matsushita Electric Corporation of America

One Panasonic Way Secaucus, New Jersey 07094  
<http://www.panasonic.com>

**Panasonic Sales Company, Division of Matsushita Electric of Puerto Rico, Inc. ("PSC")**  
Ave. 65 de Infanteria, Km. 9.5 San Gabriel Industrial Park, Carolina, Puerto Rico 00985

RQTT0305-P  
F0399E0 (D)

## Basic Operation

### Recording

You can use normal position type tapes only. The sound may not be recorded properly if high position tapes and metal position tapes are used with this unit.

[PLAY] is also depressed with [(REC)] in step ③.

Function	Operation
Stop	Press [■ STOP].
Temporarily stop	Set the [PAUSE] selector to "PAUSE". To resume recording, set it to off position.

### Follow up recording

Recording can be started during playback by simply pressing [(REC)].

### Others

#### Tape counter and reset button

(**RQ-L50** **RQ-L30** only)

The digits return to "000" when the reset button is pressed. The digits advance with the tape to provide a reference to quickly find a desired portion of tape.

#### Note:

When you are resetting the tape counter, make sure that you push the reset button firmly and that the counter resets precisely to "000".

#### Auto Stop

During playback or recording, when the tape reaches its end, the automatic stop system will release the playback and record buttons and automatically turn off the unit.

#### Note:

Do not open the cassette holder during tape operation.

### Tape playback

You can use normal position type tapes only.

Function	Operation
Stop	Press [■ STOP].
Fast forward	Press [FF/CUE].
Rewind	Press [REW/REV].

When the tape reaches the end after fast forward or rewind, press [■ STOP] to release the button.

## Power Source

### Dry cell batteries

Use two R6/LR6, AA, UM-3 (not included) batteries.

### Battery removal

Press the ⊕ side toward the ⊖ battery terminal and lift up.

### AC power operation

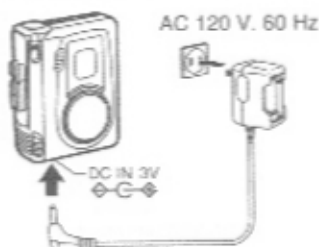
**RQ-L50**

Use the included AC adaptor/charger.

**RQ-L30** **RQ-L10**

Use the Panasonic AC adaptor RP-AC31 (optional).

When not in use, disconnect the AC adaptor/charger from the AC power outlet.

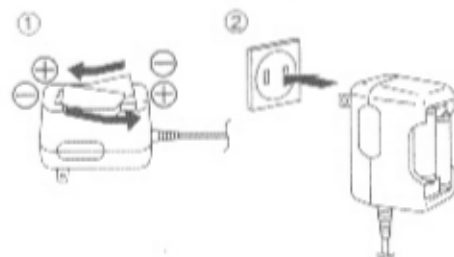


### Rechargeable batteries

(**RQ-L50** only)

For its initial use after purchasing or after a long time interval (more than three months), make sure to recharge the rechargeable batteries.

Use the included rechargeable batteries.



After recharging (about 3 hours), install the charged batteries into the unit.

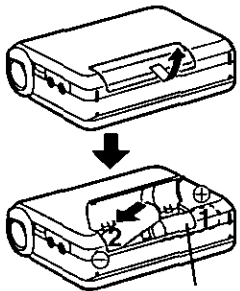
#### Note:

Do not recharge more than 8 hours at one time, or the rechargeable batteries life may be shortened.

### Rechargeable batteries and charger

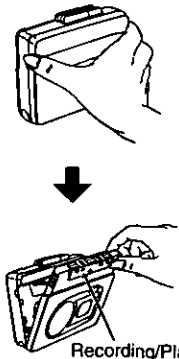
- Use only the included charger when recharging.
- During recharging, it is normal for the charger and the rechargeable batteries to become slightly warm.
- Avoid recharging or placing the rechargeable batteries near sources of heat or humidity.
- The included rechargeable batteries can be recharged about 300 times. After that, its operation time becomes shortened. That's time for replacing the rechargeable batteries.
- Carry and store the rechargeable batteries in the supplied battery carrying case to prevent contact with metal objects.
- Do not peel off the plastic covering on the rechargeable batteries. This covering has been fitted for your safety and removal can lead to short-circuiting of the battery.

# 1 INSTALL BATTERIES.



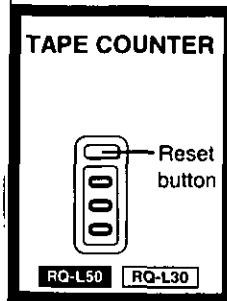
Two R6/LR6, AA, UM-3 (not included) batteries.

# 2 INSERT A CASSETTE.



Recording/Playback side

# 3



- STOP
- ▲ REW/REV
- ▼ FF/CUE



① RELEASE [PAUSE].



② SET [VAS] TO OFF.



③ PRESS [[REC]].



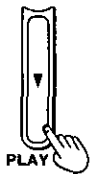
## PLAYBACK



① RELEASE [PAUSE].



② PRESS [PLAY].



③ ADJUST THE [VOLUME].



VOLUME

### BATTERY CONDITION



## Supplied Accessories (RQ-L50 only)

- Rechargeable batteries (2) . . . RFKFRCT0002
- Remove the rechargeable batteries from their case before use.
- AC adaptor/charger (1) . . . . . RFEA302C-S

To order accessories contact 1-800-332-5368 or web site (<http://www.panasonic.com>).  
Use numbers indicated when asking for replacement parts.

The product you have purchased is powered by a nickel-cadmium battery which is recyclable. Please call 1-800-8-BATTERY for information on how to recycle this battery.



### To record through the external microphone

(RQ-L50 RQ-L30 only)

- Plug the external microphone (not included) into the [MIC] jack.
- You can use a condenser microphone with or without built-in power supply.

- Plug type: 3.5 mm (1/8 in.) monaural

### Monitoring

The sound can be heard with an optional earphone plugged into the [EARPHONE] jack.

- Plug type: 3.5 mm (1/8 in.) monaural

### Note:

- You can not adjust the volume during recording.

Do not attempt to remove the cover(s) or repair the unit yourself. Refer servicing to qualified personnel only.

User memo:

DATE OF PURCHASE _____
DEALER NAME _____
DEALER ADDRESS _____
_____
TELEPHONE NUMBER _____

**Product information**

For product service, product information or assistance with product operation, refer to the servicenter directory.

*For detailed instructions, contact an authorized servicenter 1-800-211-7262 or web site (<http://www.panasonic.com>).*

ONLY FOR U.S.A.

Panasonic Consumer Electronics Company, Division of Matsushita Electric Corporation of America  
One Panasonic Way,  
Secaucus, New Jersey 07094

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Ave. 65 de Infanteria, Km. 9.5  
San Gabriel Industrial Park  
Carolina, Puerto Rico 00985  
Tel. (809) 750-4300  
FAX. (809) 768-2910

**Panasonic  
Limited Warranty**

Panasonic Consumer Electronics Company or Panasonic Sales Company (collectively referred to as "The warrantor") will repair this product with new or refurbished parts, free of charge, in the U.S.A. or Puerto Rico from the date of original purchase in the event of a defect in materials or workmanship as follows:

**For one (1) year—Radio, Clock Radio, Radio with Tape Player or Recorder, Speaker**

**For ten (10) days—Batteries**—(when applicable)—New rechargeable batteries in exchange for defective rechargeable batteries. Non-rechargeable batteries are not warranted.

For assistance in the U.S.A. in obtaining repairs contact:

**Panasonic Services Company  
Panasonic PLUS Department**  
20421 84th Avenue South  
Kent, WA 98032  
Phone: 1-800-833-9626  
FAX: 1-800-237-9080

If repair is needed, during the warranty period the purchaser will be required to furnish a sales receipt/proof of purchase indicating date of purchase.

Also, the purchaser will be responsible for shipping the unit to the above address. This warranty is extended only to the original purchaser.

For assistance in Puerto Rico contact, Panasonic Sales Company at the address or telephone number above.

This warranty only covers failures due to defects in materials or workmanship which occur during normal use and does not cover damage which occurs in shipment or failures which are caused by products not supplied by the warrantor or failures which result from accident, misuse, abuse, neglect, mishandling, misapplication, faulty installation, set-up adjustment, improper maintenance, alteration, improper antenna, inadequate signal pick-up, maladjustment of consumer controls, modification, line power surge, or commercial use of the product, or damage that is attributable to acts of God, or service by anyone other than a PASC Factory Servicenter.

**LIMITS AND EXCLUSIONS**

There are no express warranties except as listed above.  
THE WARRANTOR SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING WITHOUT LIMITATION, DAMAGE TO TAPES, RECORDS OR DISCS. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY, ARE LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE. Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

If a problem with this product develops during or after the warranty period, you may contact your dealer or Panasonic PLUS Department. If the problem is not handled to your satisfaction, then write to the Customer Satisfaction Center at the company address above or call toll free 1-800-211-7262.

**If you ship the product**

Carefully pack and send it prepaid, adequately insured and preferably in the original carton.

Attach a letter, detailing the complaint, to the outside of the carton.

*Do NOT send the product to the Executive or Regional Sales offices. They are NOT equipped to make repairs.*

**Customer's Record**

Model No. _____	Dealer's Name _____
Serial No. _____	_____
or Code No. _____	Dealer's Address _____
Date of Purchase _____	_____

# Technical Specifications

<b>Track system</b>	2 track, monaural	<b>Dimensions (W×H×D)</b>	85.0×112.5×34.0 mm (3 3/8"×4 1/16"×1 3/16")
<b>Recording system</b>	DC bias, Magnet erase	<b>Weight</b>	
<b>Monitor system</b>	Fix	<b>RO-L50</b>	200 g (7.1 oz.) with rechargeable batteries
<b>Power requirement</b>		<b>RO-L30</b>	164 g (5.8 oz.) without batteries
<b>Battery:</b>	DC 3 V (two R6/LR6, AA, UM-3 batteries)	<b>RO-L410</b>	161 g (5.7 oz.) without batteries
<b>Rechargeable battery:</b>	<b>RO-L50</b> only DC 2.4 V With two included rechargeable batteries	<b>Play time:</b>	
<b>AC:</b>		[When used at 25°C (77°F) temperature and on a flat and stable surface]	
<b>RO-L30</b> <b>RO-L410</b>	120 V, 60 Hz Power consumption; 5 W With included AC adaptor/charger	<b>Panasonic alkaline dry cell batteries;</b>	
	With optional Panasonic AC adaptor RP-AC31	Recording: About 24 hours	
<b>Frequency range</b>	180 Hz–7000 Hz (Normal)	Playback: About 15 hours	
<b>Tape speed</b>	4.8 cm/s (1 7/8 ips)	<b>Included rechargeable batteries (RO-L50 only);</b>	
<b>Jack</b>		Recording About 10 hours	
<b>Input:</b>	<b>RO-L50</b> <b>RO-L30</b> only MIC; 0.25 m V (150–600Ω)	Playback About 7 hours	
<b>Output:</b>	EARPHONE; 8Ω	•The play time may be less depending on the operating conditions.	
<b>Speaker</b>	3.6 cm (1 3/16")	<b>Note:</b>	
		Specifications are subject to change without notice.	
		Weight and dimensions are approximate.	

## CAUTION



- Avoid using or placing this unit near sources of heat. Do not leave it in an automobile exposed to direct sunlight for a long period of time with doors and windows closed.
- To avoid product damage, do not expose this product to rain, water or other liquids.

## Listening caution



Do not play your headphones or earphones at a high volume. Hearing experts advise against continuous extended play.

Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

If you experience a ringing in your ears, reduce volume or discontinue use.

- To establish a safe level:
- Start your volume control at a low setting.
  - Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

Do not use while operating a motorized vehicle. It may create a traffic hazard and is illegal in many areas.

Once you have established a comfortable sound level:

You should use extreme caution or temporarily discontinue use in potentially hazardous situations.

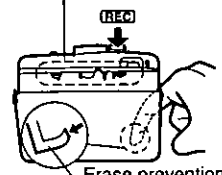
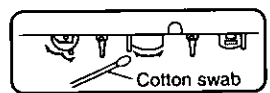
- Set the dial and leave it there.

Even if your headphones or earphones is an open-air type designed to let you hear outside sounds, don't turn up the volume so high that you can't hear what's around you.

## MAINTENANCE



To ensure good sound quality, clean the head after approximately every 10 hours of use with a cotton swab dampened with a little alcohol.



Erase prevention lever

## REC



### To record with VAS (Voice Activated System) function

(**RQ-L50** **RQ-L30** only)

The sound is recorded automatically, so there is no tape waste.

To use VAS function, set the [VAS] selector to "1" or "2" in step ②.

1: If you wish to record lower levels of sound than usual.

2: If you wish to record only the louder sounds.

#### Note:

After using VAS function, set the [VAS] selector to "OFF"

### To record through the external microphone

(**RQ-L50** **RQ-L30** only)

Plug the external microphone (not included) into the [MIC] jack.

• You can use a condenser micro-

phone with or without built-in power supply.

• Plug type: 3.5 mm (1/8 in.) monaural

### Monitoring

The sound can be heard with an optional earphone plugged into the [EARPHONE] jack.

• Plug type: 3.5 mm (1/8 in.) monaural

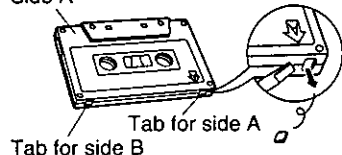
#### Note:

• You can not adjust the volume during recording.

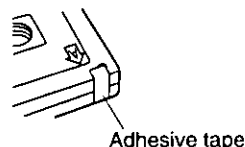
### Record prevention

Removing the tab(s) of the cassette (with a small screwdriver) will prevent accidental erasure.

Side A



To record again, cover the hole of the tab with adhesive tape.



## PLAYBACK



### Cue and review

Sound can be monitored at a high speed as long as the [FF/CUE] (cue) or [REW/REV] (review) is held down during playback.

When the button is released, normal playback will start.

## BATT



• Align the poles (+ and -) properly when inserting the batteries.

• Do not mix old and new batteries or different types of batteries.

• Do not recharge ordinary dry cell batteries.

• Remove the batteries if the unit is not to be used for a long time.

Mishandling of batteries can cause electrolyte leakage which can damage items the fluid contacts and may cause a fire.

If electrolyte leaks from the batteries, consult your dealer. Wash thoroughly with water if electrolyte comes in contact with any part of your body.

(**RQ-L30** **RC-L10** only)

• If rechargeable batteries are to be used, rechargeable batteries manufactured by Panasonic are recommended.

### Battery level indicators

The [BATT LEVEL] indicators light during operation. As the charge reduces, the lamps go out.

#### When the batteries are weak

The indicator under "E" becomes dim or turns off.