

Panasonic

Mini Cassette Recorder Operating Instructions

Model No. **RQ-L51**
RQ-L31
RQ-L11



The illustration shows **RQ-L31**.

P

Before connecting, operating or adjusting this product, please read these instructions completely. Please keep this manual for future reference.

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")
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Park, Carolina, Puerto Rico 00985

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Supplied Accessories (RQ-L51 only)

Rechargeable batteries (2) RFCT0002-H
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.

A nickel cadmium battery that is recyclable powers the product you have purchased. At the end of its useful life, under various state and local laws, it is illegal to dispose of this battery into your municipal waste stream. Please call 1-800-8-BATTERY for information on how to recycle this battery.



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

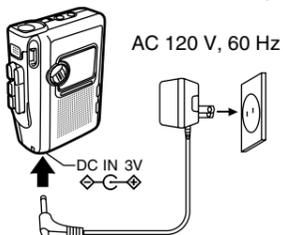
RQ-L51

Use the included AC adaptor/charger.

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

• The AC adaptor/charger consumes approx. 1.3 W even when it is in standby mode. To save power when not in use, disconnect it from the AC power outlet.

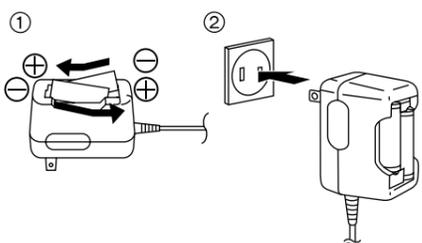


Rechargeable batteries

RQ-L51

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

Use the included rechargeable batteries.



After recharging (about 2 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, their 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
RQ-L51
Included rechargeable batteries

2

INSERT A CASSETTE.

Recording/
Playback side

3

PLAYBACK

Tape Counter

RQ-L51 Reset button
RQ-L31

1 RELEASE [PAUSE].

2 SELECT REC MODE.

Choose the same mode you used for recording.

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3 PRESS [PLAY].

4 ADJUST THE [VOLUME].

1 RELEASE [PAUSE].

2 SELECT MIC LEVEL.

Select HIGH if you want to record relatively soft sounds.

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3 SELECT REC MODE.

1X: To record sound at a normal speed.
3X: To record sound at three times longer than the normal speed for long meetings, etc.

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4 SET [VAS] TO OFF.

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5 PRESS [REC].

BATTERY CONDITION

ⓔ ... BATT LEVEL ... ⓕ

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 5.

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].

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.

Others

Tape counter and reset button

The counter returns 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.

RECORDING



To record with VAS (Voice Activated System) function

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The sound is recorded automatically, so there is no tape waste. To use VAS, set the [VAS] selector to "1" or "2" in step 4.

- 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, set the [VAS] selector to "OFF"

To record through an external microphone

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

- You can use a condenser microphone without a 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.

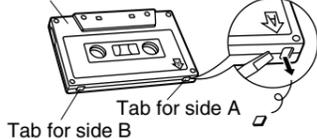
- Plug type: 3.5 mm (1/8 in.) monaural

Note:
• You can not adjust the volume during recording.

Record prevention

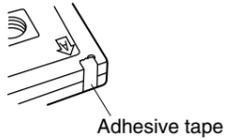
Removing the tab(s) of the cassette (with a small screwdriver) will prevent accidental erasure.

Side A



Tab for side A
Tab for side B

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



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.

BATTERIES



- 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.
- Do not use the batteries if the covering has been peeled off.

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.

- 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.

If the surfaces are dirty

To clean this unit, wipe with a soft, dry cloth.

- Never use the alcohol, paint thinner or benzene to clean this unit.
- Before using chemically treated cloth, read the instructions that came with the cloth carefully.

For a cleaner crisper sound

Clean the heads regularly to assure good quality playback and recording. Use a cleaning tape (not included).

MAINTENANCE



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.
- If a gritty noise is heard, wipe away the dirt on the plug.

- Mobile phones can cause noise if used too close to the unit. Separate if this occurs.
- Avoid using or placing this unit near sources of heat.
- This speaker does not have magnetic shielding. Do not place it near televisions, personal computers or other devices easily influenced by magnetism.

Listening caution



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

If you experience a ringing in your ears, reduce volume or discontinue use. Do not use while operating a motorized vehicle. It may create a traffic hazard and is illegal in many areas.

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

Even if your headphones or earphones are the 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.

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.

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.

Once you have established a comfortable sound level:

- Set the dial and leave it there.

Product Service

- 1. Damage requiring service**—The unit should be serviced by qualified service personnel if:
 - (a) The AC power supply cord or AC adaptor has been damaged; or
 - (b) Objects or liquids have gotten into the unit; or
 - (c) The unit has been exposed to rain; or
 - (d) The unit does not operate normally or exhibits a marked change in performance; or
 - (e) The unit has been dropped or the cabinet damaged.
- 2. Servicing**—Do not attempt to service the unit beyond that described in these operating instructions. Refer all other servicing to authorized servicing personnel.
- 3. Replacement parts**—When parts need replacing ensure the servicer uses parts specified by the manufacturer or parts that have the same characteristics as the original parts. Unauthorized substitutes may result in fire, electric shock, or other hazards.
- 4. Safety check**—After repairs or service, ask the servicer to perform safety checks to confirm that the unit is in proper working condition.

Product information

For product information or assistance with product operation: Contact the Panasonic Customer Call Center at 1-800-211-7262, or e-mail consumerproducts@panasonic.com, or web site (<http://www.panasonic.com>).

User memo:

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

Specifications

Track system	2 track, monaural
Recording system	DC bias, Magnet erase
Monitor system	Fix
Power requirement	Battery: DC 3 V (two R6/LR6, AA, UM-3 batteries)
	Rechargeable battery: RQ-L51
	AC: RQ-L51
	Power consumption in standby mode : 1.3 W
	RQ-L31 RQ-L11
	With optional Panasonic AC adaptor RP-AC31
Frequency range	
Playback:	180 Hz–7000 Hz
Rec/Playback:	250 Hz–6300 Hz
Tape speed	
RQ-L51 RQ-L31	4.8 cm/s (1 7/8 ips) and 1.6 cm/s (5/8 ips)
RQ-L11	4.8 cm/s (1 7/8 ips)
Speaker	3.6 cm (1 1/8") 4 Ω

Jack	
Input:	RQ-L51 RQ-L31 MIC; 0.25 mV (150–600Ω)
Output:	EARPHONE; 8 Ω
Dimensions (W×H×D)	86.0×112.1×37.2 mm (3 3/8"×4 7/16"×1 1/2")
Mass	
RQ-L51	199 g (7 oz.) with rechargeable batteries
RQ-L31	163 g (5.7 oz.) without batteries
RQ-L11	157 g (5.5 oz.) without batteries
Play time:	[When used at 25°C (77°F) on a flat, stable surface]
Alkaline dry cell batteries:	
Recording:	About 25 hours
Playback:	About 17 hours (RQ-L51 RQ-L31) About 18 hours (RQ-L11)
Included rechargeable batteries (RQ-L51 only):	
Recording	About 10 hours
Playback	About 7.5 hours
• The play time may be less depending on the operating conditions.	
Note:	Specifications are subject to change without notice. Mass and dimensions are approximate.

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Panasonic Sales Company, Division of Matsushita Electric of Puerto Rico, Inc.
Ave. 65 de Infantería, Km. 9.5
San Gabriel Industrial Park, Carolina, Puerto Rico 00985

Panasonic Limited Warranty

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

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

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

For ninety (90) days—SD Memory Card—New SD card of the same memory capacity in exchange for a defective SD Card for ninety (90) days.

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.

Tel. (787) 750-4300
Fax. (787) 768-2910

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 adjustments, improper maintenance, alteration, improper antenna, inadequate signal pickup, 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 **PANASONIC SERVICES COMPANY** 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 you have a problem with this product that is not handled to your satisfaction, then write to the Consumer Affairs Department at the Company address indicated above.

If you ship the product

Carefully pack and send it prepaid, adequately insured and preferably in the original carton. Attach a postage-affixed 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.