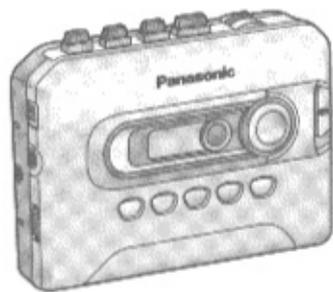


Panasonic®

Stereo Radio Cassette Player RQ-E20V



Operating Instructions

Before connecting, operating or adjusting this product, please read these instructions completely. Please save this manual.

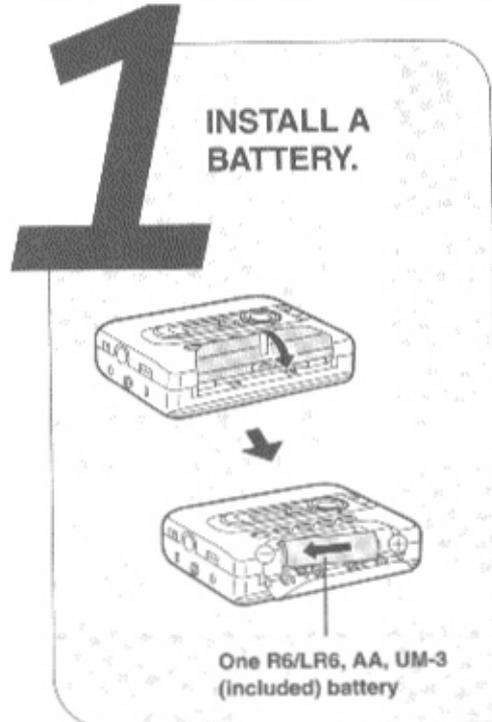
En

**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 Infantería, Km. 9.5 San Gabriel Industrial
Park, Carolina, Puerto Rico 00985

ROTT0298-1P
F0199E1039 (D)



P

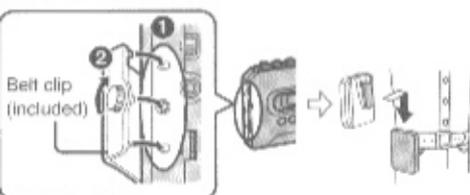
Supplied Accessories

- ① Stereo headphones RFEV705P-KY
- ② Belt clip RKQT0008-H
- ③ Batteries (4pcs.) LR6PA/B

To order accessories contact 1-800-332-5368 or web site (<http://www.panasonic.com>).

Use numbers indicated when asking for replacement parts.

Attaching the belt clip



Technical Specifications

Radio frequency range:	FM: 87.9–107.9 MHz (0.2 MHz steps) 87.5–108.0 MHz (0.1 MHz/0.05 MHz steps) AM: 520–1710 kHz (10 kHz steps) 522–1629 kHz (9 kHz steps)
Frequency range:	40–16000 Hz (Normal)
Tape speed:	4.8 cm/s (1 7/8 ips)
Jack:	
Output:	HEADPHONES
Power requirement:	Battery: DC 1.5 V (R6/LR6, AA, UM-3 battery)
Dimensions (W×H×D):	112.0×83.1×29.8 mm (4 1/2"×3 1/4"×1 1/8")
Weight (without battery):	144 g (5.1 oz.)
Play time:	

[When used in hold mode, at 25°C (77°F) and on a flat and stable surface]

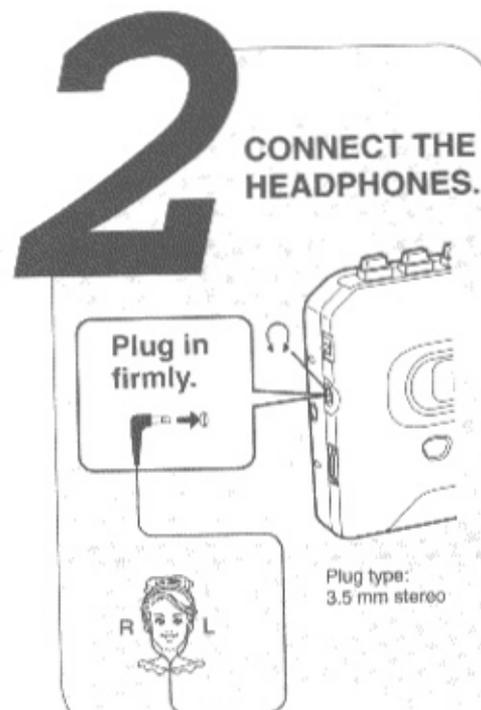
Panasonic alkaline dry cell battery:

Tape: About 25 hours
Radio: About 30 hours

•The play time may be less depending on the operating conditions.

Note:

Specifications are subject to change without notice.
Weight and dimensions are approximate.

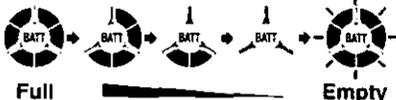


3



BATTERY CONDITION

In the stop mode



CHANGING THE BASS

While playing a tape or FM radio with selector to [MAIN]

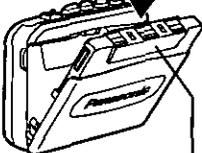


“ ” ↔ “XBS”

TAPE



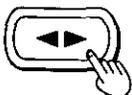
① INSERT A CASSETTE.



Forward side*

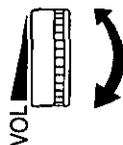
*[DIR] switched to [FWD]

② PRESS [◀▶].

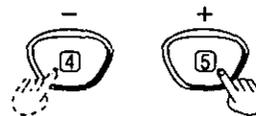


TAPE

ADJUST THE VOLUME.



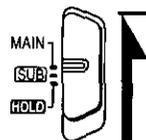
③ SELECT THE STATION.



RADIO



① SET THE SELECTOR TO [MAIN].

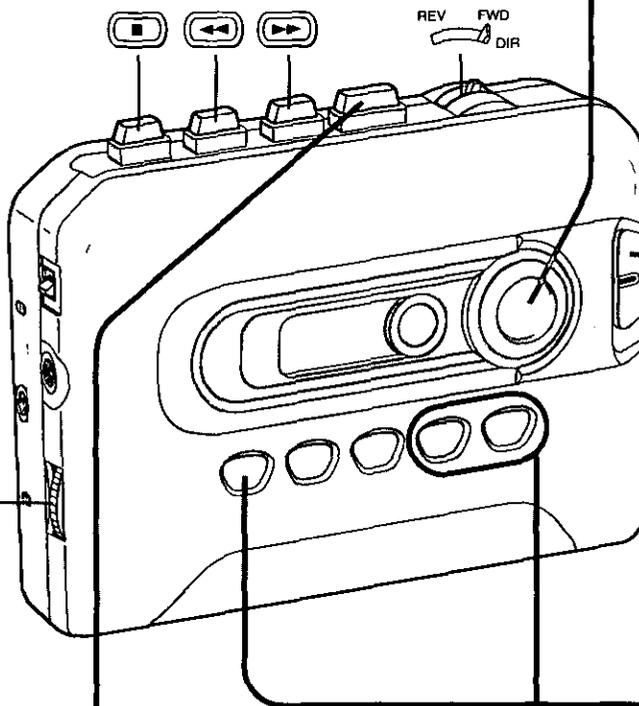


② SELECT THE BAND.

RADIO ON/BAND



“AM” ↔ “FM”



Basic Operation

TAPE PLAYBACK

You can use normal position type tapes only.

Function	Operation
Stop	During playback, press [■].
Fast forward or rewind	In the stop mode, press [▶▶] or [◀◀]**.
Reverse tape direction	In the stop mode or during playback, set [DIR] to [REV] or [FWD].

**▶▶: Fast forward for the forward side
 **◀◀: Rewind for the forward side

RADIO RECEPTION

Function	[MAIN, SUB, HOLD] Selector	Operation
Off	[MAIN] ▶	During reception, press [OFF, 2].

CAUTION:

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 of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

Troubleshooting Guide

BEFORE CALLING



Before requesting service for this unit, check the chart below for a possible cause of the problem you are experiencing. Some simple checks or a minor adjustment or your part may eliminate the problem and restore proper operation. If you are in doubt about some of the check points, or if the remedies indicated in the chart do not solve the problem, refer to the directory of Authorized Service Centers (enclosed with this unit) to locate a convenient service center, or consult your dealer for instructions.

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

PROBLEM	CHECKPOINT
Radio operates but tape doesn't.	▶ Is the battery worn?
No radio operations.	▶ Is the unit in the hold state?
No operations.	▶ Has the battery been installed with its polarities (+, -) reversed?
• No sounds. • A gritty noise is heard.	▶ • Is the headphone plug firmly connected to the Ⓡ jack? • Is the plug dirty?

- 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.

Any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.

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. The radio receiver is not subject to above item (2).

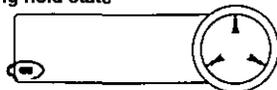
RADIO



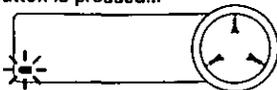
Concerning the hold function

This function prevents the unit from operating even if one of the front panel buttons is pressed in error.

During hold state



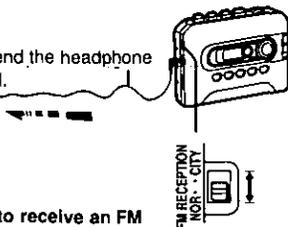
If a button is pressed...



To obtain better reception

FM:

Extend the headphone cord.

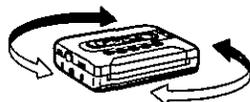


How to receive an FM broadcast clearly

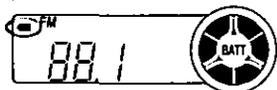
Set [FM RECEPTION] to [NOR].

When FM reception is impaired or there is interference from a powerful station, set it to [CITY].

AM:



When a station is tuned in.

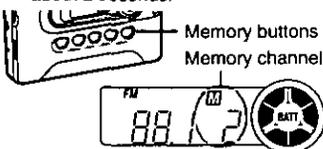


Preset tuning

Frequencies of up to 20 radio stations (10 each for AM and FM) can be stored in the memory.

Memory presetting

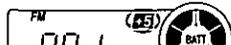
1. Tune in the station to be stored.
2. Set [MAIN, SUB, HOLD] to [SUB].
3. Press and hold one of the memory buttons ([1], [2], [3], [4], [5]) for about 2 seconds.



3 beeps can be heard.

To select a memory channel from 6 to 10

1. Press [XBS, BATT CHECK +5].



2. Within 10 seconds press and hold one of the memory buttons for about 2 seconds.

For example (Memory channel 7): [XBS, BATT CHECK +5] → [2]

To recall a preset station

1. Set [MAIN, SUB, HOLD] to [SUB].
2. Press a memory button.
To select a memory channel from 6 to 10, press [XBS, BATT CHECK +5] and within 10 seconds press a memory button.
•Release the memory button within 2 seconds.

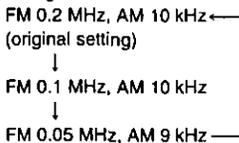
Note:

Pressing [XBS, BATT CHECK +5] while "+5" is displayed clears it.

When using overseas

The allocation settings according to the area are needed.

Every time the following procedure is performed, the allocation setting changes as follows:



How to adjust the allocation settings

When playing the radio

1. Set [MAIN, SUB, HOLD] to [MAIN].
2. While pressing [XBS, BATT CHECK +5], press and hold [RADIO ON/BAND, 1] for about 3 seconds.

•The changed allocation settings (FM and then AM) are displayed.

Note:

Converting the allocation erases the stations previously stored in memory.

TAPE



Auto-reverse

Play will be continued, looping forward and reverse side, until [■] is pressed.

Note:

- Before playback, be sure to press [OFF, 2] to turn off the radio.
- Do not open the cassette holder during tape operation.
- Between functions (during play, fast forward or rewind), always press [■] first to avoid jamming the tape.

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

- If you press [RADIO ON/BAND, 1] to switch on the radio during tape operation, the button will not be released even though the motor has stopped. In this case, press [■] to release the button.

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, DAMAGES 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 exclusion 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, the 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 _____

RQTT029

BASS



XBS

Boosts the low frequency range.

- If sound distortion occurs, turn down the volume.

• XBS does not function for AM reception.

If you press [XBS, BATT CHECK +5] during AM reception, "AM" and "XBS" flash.

