

Dear customer

Thank you for purchasing this product.
For optimum performance and safety, please read these instructions carefully.

User memo:

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

Supplied accessories

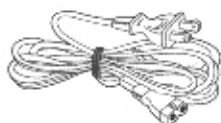


Please check and identify the supplied accessories.

Use numbers indicated in parentheses when asking for replacement parts.

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

- AC power supply cord (polarized) 1 pc.
(RJA0065-A)

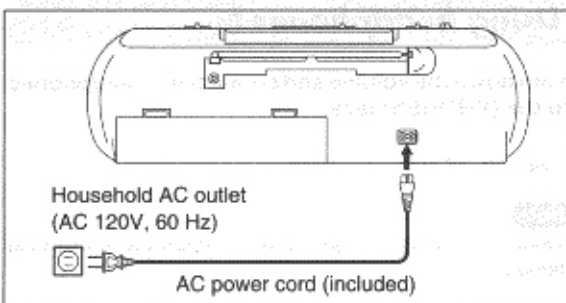


Power sources

The unit can be powered with household AC power or dry cell batteries (not included).

Using a household AC outlet

Connect the power cord firmly to the unit and the outlet.



- Before unplugging the cord, stop the tape or switch [SELECTOR] to "TAPE/OFF" to turn the power off.
- If the unit is to be left unused for a long time, save power by turning the power off and unplugging the power cord from the power outlet.

Panasonic®

Stereo Radio Cassette Recorder

RX-FS430A

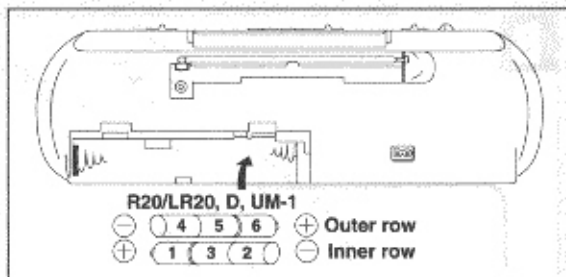
Operating Instructions



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

Using batteries

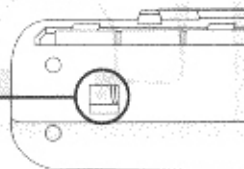
The unit cannot be powered by batteries if the power cord is connected.



When to change the batteries

Sound quality and operation are affected when the batteries are running low. Replace all six batteries. It is also a good idea to replace all the batteries before recording.

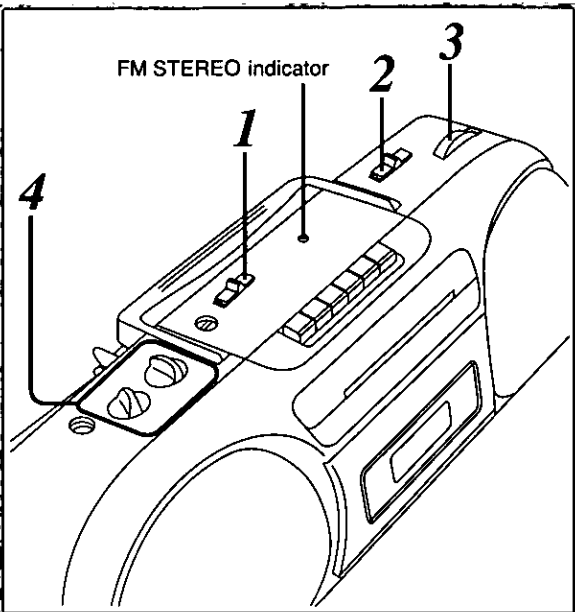
Removing the batteries
Insert your finger, and then push out the batteries.



RQT5061-P

Listening to radio broadcasts

FM STEREO indicator



1  Set [SELECTOR] to "RADIO".

2  Set [BAND] to the desired radio band.

FM STEREO: To receive FM stereo broadcasts
(If you have tuned into an FM stereo broadcast, the FM STEREO indicator will light.)

AM: To receive AM broadcasts

- If FM stereo reception is poor, set [BAND] to "FM". This will reduce the noise and provide clear reception; however, the broadcast will not be heard in stereo.

3  Use [TUNING] to tune into a desired broadcast.

4  Adjust [VOLUME] and [TONE].

The radio can be turned off by setting [SELECTOR] to "TAPE/OFF".

Adjust the antenna **A**

FM:

Pull out the telescopic antenna and adjust its length and angle for optimum reception.

AM:

Turn the unit in the direction which gives the best results.

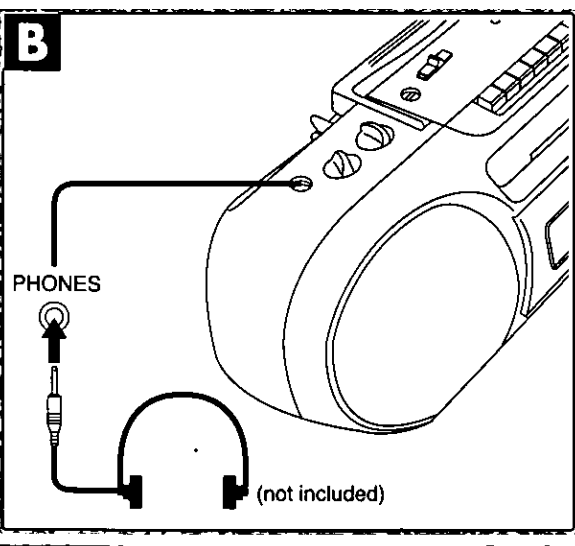
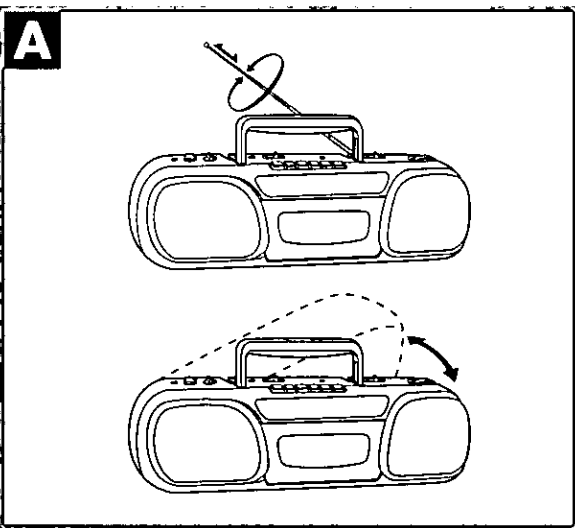
Using headphones **B**

Turn down the volume and connect the headphones to the [PHONES] jack.

Plug type: 3.5 mm (1/8") stereo

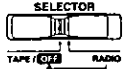


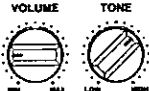
Note

Avoid listening for prolonged periods of time to prevent hearing damage.



Listening to tape

This unit is suitable for playing normal tapes, but high and metal position tapes will not be played to their full potential.

-  **1** Set [SELECTOR] to "TAPE/OFF".
-  **2** Press [STOP/EJECT], and then insert the tape.
Insert the cassette with the exposed tape facing up.
-  **3** Press [PLAY] to start playback.
-  **4** Adjust [VOLUME] and [TONE].

To stop the playback:
Press [STOP/EJECT].

To briefly interrupt the playback:
Press [PAUSE].
To resume playback, press [PAUSE] again.

To fast forward or rewind the tape **A**

Press [CUE] or [REV] while the tape is stopped.

The tape will start moving at high speed.
To stop the fast forward or rewind operation, press [STOP/EJECT].

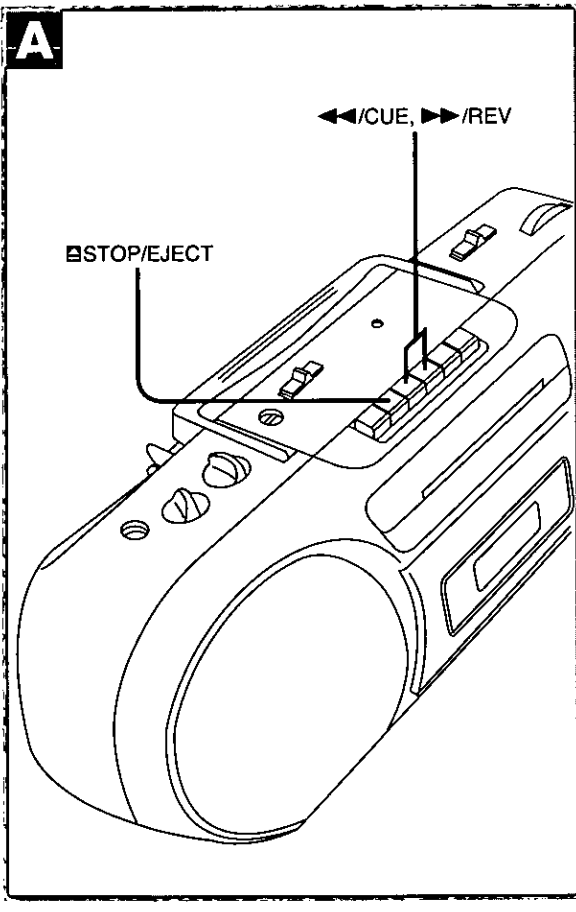
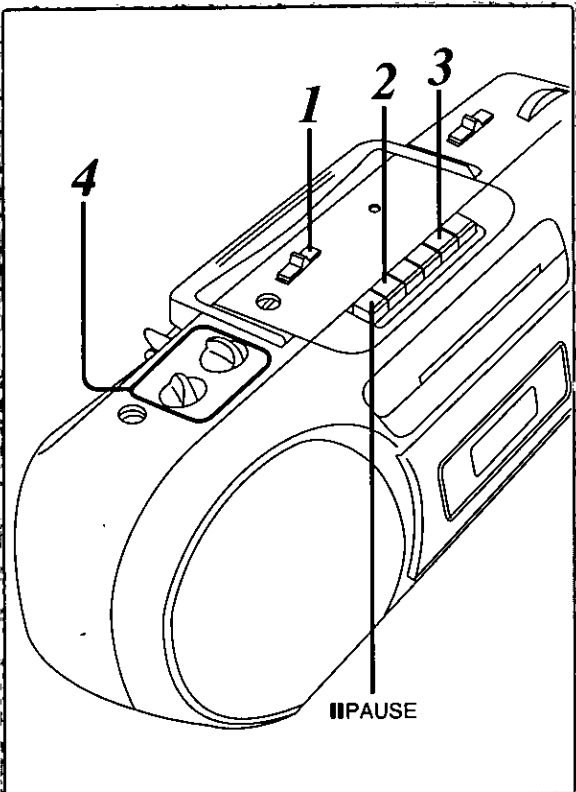
To cue or review the tape **A**

During playback, press and hold [CUE] or [REV].

The recorded sound on the tape can be monitored at high speed.
When the button is released, normal playback will resume.

Full auto stop:

When the tape reaches the end, the tape will automatically stop.



Making a recording

Before recording

- This unit is suitable for recording normal tapes, but it cannot record onto high and metal position tapes to their full potential and prior recordings will not be erased.
- The recording level is automatically adjusted.

Recording from radio broadcast **A**

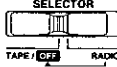


- 1**  Press [**STOP/EJECT**] to insert the tape.
Insert the tape with the side to be recorded facing you.
- 2**  Set [**SELECTOR**] to "RADIO".
- 3** 
 Tune into the desired broadcast.
(See "Listening to radio broadcasts".)
- 4**  Press [**RECORD**].
[<PLAY] is also depressed with [**RECORD**]. Recording starts (one side only).

To stop the recording:
Press [**STOP/EJECT**].

To stop recording temporarily:
Press [**PAUSE**].
To resume recording, press [**PAUSE**] again.

To record on the other side of the tape:
Turn the tape over and press [**RECORD**].

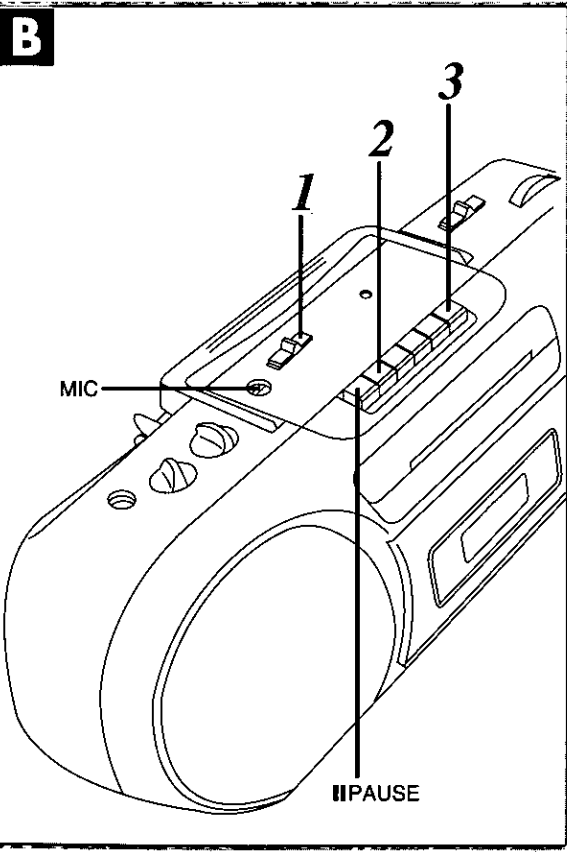
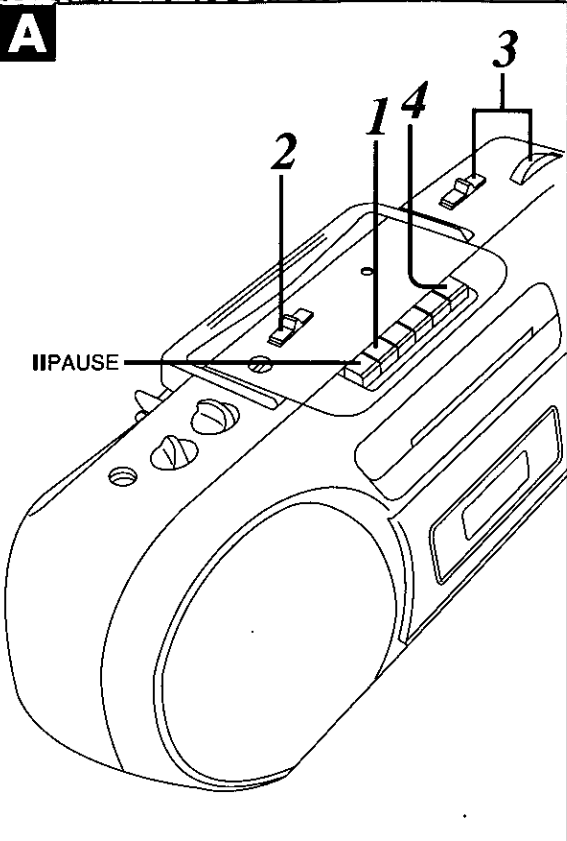
Recording through the built-in microphone **B**

- 1**  Set [**SELECTOR**] to "TAPE/**OFF**".
- 2**  Press [**STOP/EJECT**] to insert the tape.
Insert the tape with the side to be recorded facing you.
- 3**  Press [**RECORD**].
[<PLAY] is also depressed with [**RECORD**]. Recording starts (one side only).

To stop the recording:
Press [**STOP/EJECT**].

To stop recording temporarily:
Press [**PAUSE**].
To resume recording, press [**PAUSE**] again.

To record on the other side of the tape:
Turn the tape over and press [**RECORD**].



Concerning cassette tapes

Selection of cassette tapes

Tapes can get caught on the capstans. Use caution with the following types of tapes.

Cassette tapes exceeding 100 minutes

Tapes are made of a thin film material. Do not repeatedly advance and stop the tape, fast-forward it or rewind it.

Endless-tapes

Failure to operate these tapes correctly may cause the tape to wind around the revolving parts.

Always read the instructions provided with your tapes.

Tape slack

Tape slack may cause the tape to break.

Erase prevention

Use a screwdriver or similar object to break out the tab.

To re-record on a protected cassette, cover the hole with adhesive tape. **C**

Storage precautions

Do not place or store tapes in the following places;

- In high temperature (35°C or higher) or high humidity (80% or higher) areas
- In a strong magnetic field (near a speaker, on top of a TV, etc.) This can erase a recording.
- Locations exposed to direct sunlight

Maintenance

Cleaning inside the deck

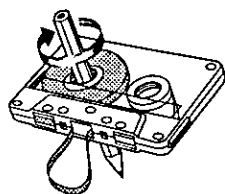
Regularly clean the parts the tape contacts (the shaded portions in the illustration). Use alcohol only.

- ① Press [STOP/EJECT] to open the lid.
- ② Hold down the erase prevention lever and press [RECORD].

The mechanism will move out so it can be seen.

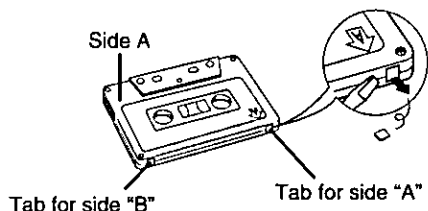
- ③ Clean the heads, pinch roller and the capstan with a cotton swab dipped in alcohol.

A How to take up tape slack



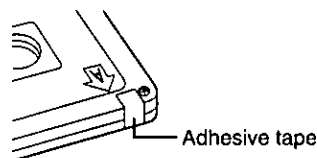
Use a pencil or similar object to take up the slack.

B To protect tapes against further recording

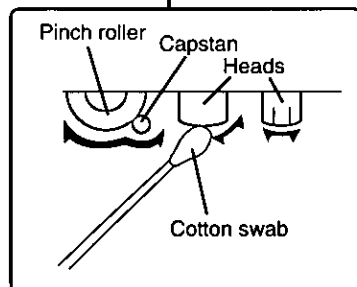
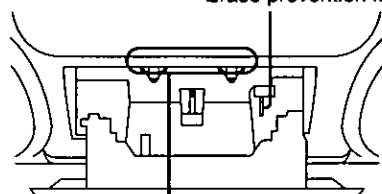


C To re-record

Normal position tape



D Erase prevention lever



Precautions

WARNING:

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR PRODUCT DAMAGE, DO NOT EXPOSE THIS APPLIANCE TO RAIN, SPLASHING, DRIPPING OR MOISTURE.

CAUTION:

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



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE SCREWS. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Product service

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

Product information

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

Safety

- 1. Power Source**—The unit should be connected to power supply only of the type described in the operating instructions or as marked on the unit.
- 2. Polarization**—If the unit is equipped with a polarized AC power plug (a plug having one blade wider than the other), that plug will fit into the AC outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
- 3. Power Cord Protection**—AC power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Never take hold of the plug or cord if your hand is wet, and always grasp the plug body when connecting or disconnecting it.
- 4. Nonuse Periods**—When the unit is not used, turn the power off. When left unused for a long period of time, the unit should be unplugged from the household AC outlet.

Installation

Environment

- 1. Water and Moisture**—Do not use this unit near water—for example, near a bathtub, washbowl, swimming pool, or the like. Damp basements should also be avoided.
- 2. Heat**—The unit should be situated away from heat sources such as radiators and the like. It also should not be placed in temperatures less than 5°C (41°F) or greater than 35°C (95°F).

Placement

- 1. Ventilation**—The unit should be situated so that its location or position does not interfere with its proper ventilation. Allow 10 cm (4") clearance from the rear of the unit.
- 2. Foreign Material**—Care should be taken so that objects do not fall into and liquids are not spilled into the unit. Do not subject this unit to excessive smoke, dust, mechanical vibration, or shock.
- 3. Magnetism**—The unit should be situated away from equipment or devices that generate strong magnetic fields.
- 4. Stacking**—Do not place heavy objects, other than system components, on top of the unit.
- 5. Surface**—Place the unit on a flat, level surface.
- 6. Carts and Stands**—The unit should be used only with a cart or stand that is recommended by the manufacturer.
The unit and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the unit and cart combination to overturn.
- 7. Wall or Ceiling Mounting**—The unit should not be mounted to a wall or ceiling, unless specified in this operating instructions.



Maintenance

Clean the cabinet, panel and controls with a soft cloth lightly moistened with mild detergent solution.

Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzene.

Service

- 1. Damage Requiring Service**—The unit should be serviced by qualified service personnel when:
 - (a) The AC power supply cord or the plug has been damaged; or
 - (b) Objects have fallen or liquid has been spilled into the unit; or
 - (c) The unit has been exposed to rain; or
 - (d) The unit does not appear to operate normally or exhibits a marked change in performance; or
 - (e) The unit has been dropped, or the enclosure damaged.
- 2. Servicing**—The user should not attempt to service the unit beyond that described in the operating instructions. All other servicing should be referred to an authorized service personnel.

*For the address of an authorized servicenter:
In the U.S.A. 1-800-211-7262 or web site
(<http://www.panasonic.com>)*

Listening caution

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion—and, most importantly, without affecting your sensitive hearing.



We recommend you to avoid prolonged exposure to excessive noise.

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.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

Use of 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.
- Do not heat or disassemble the batteries. Do not allow them to contact flame or water.
- If the unit is not going to be used for a long time or if the unit is to be powered exclusively by AC power, remove the batteries and store them in a cool dark place.
- Do not keep together with metallic objects such as necklaces.
- Do not use rechargeable type batteries.

Mishandling of batteries can damage other items, cause damage to the unit, and may cause a fire through short-circuiting or electrolyte leakage.

If electrolyte leaks from the batteries, consult your dealer.

Wash thoroughly with water if electrolyte comes in contact with any part of your body.

Technical specifications

Radio

Frequency range

FM 88 – 108 MHz
AM 525 – 1705 kHz

Tape recorder

Track system 4 track, 2 channel, stereo
Recording system AC bias, magnet erase
Monitor system Variable sound monitor
Frequency range 70-10000 Hz (Normal)

General

Power requirement

AC 120 V, 60 Hz

Power consumption: 12 W

Battery 9 V (6 "D" size batteries)

Speakers

2 Woofers: 10 cm

2 Tweeters: 1.5 cm

Jacks

Output HEADPHONES: 32 Ω

Dimensions (WxHxD)

460 x 149 x 149 mm

(18¹/₈" x 5⁷/₈" x 5⁷/₈")

Weight

2.4 kg without batteries

(5 lb. 5 oz.)

Note

Specifications are subject to change without notice.

Weight and dimensions are approximate.

Troubleshooting guide

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 in the U.S.A..

In the U.S.A. 1-800-211-7262 or web site (<http://www.panasonic.com>)

Common problems

The unit doesn't work on batteries.	Are the batteries run down? Replace them with new ones.
	Is the AC power cord connected to the unit? Disconnect when using batteries.
	Have the batteries been inserted correctly? Check that the poles (- and +) are correctly aligned.

Cassette deck

Recording not possible.	Has the cassette's tab been removed? Cover the hole with tape.
Poor sound quality.	Clean the heads.

Radio

A lot of noise.	Is another remote control being used? Use it further away from this unit.
	Is a TV on? Move the unit away from the TV or turn it off.

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
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Puerto Rico 00985



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