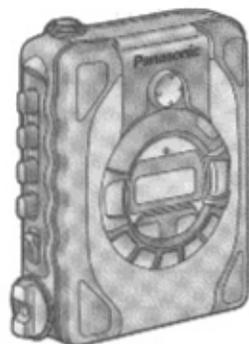


Panasonic®

Stereo Radio Cassette Player

RQ-SW30

RQ-SW70



Operating Instructions

P

The illustrations show the RQ-SW70 model.

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

The serial number of this product can be found on the label affixed to the back of the cassette compartment cover.

Please note them 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

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

RQTT0219-2P
F1296E1027 (D)

Supplied Accessories

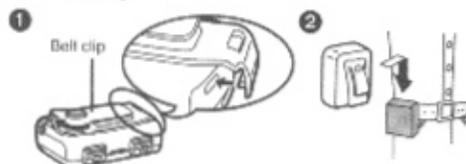
- ① Stereo headphones
(RQ-SW30) RFEV701P-YY
(RQ-SW70) RFEV703P-YS (yellow)
RFEV703P-AS (blue)
or, RFEV703P-KS (black)
- ② Belt clip RGQT0017-K
- ③ Shockwave grip
(RQ-SW70 Only) RGQT0018-K

•To order accessories call PASC Accessory Dept. 1-800-332-5368.

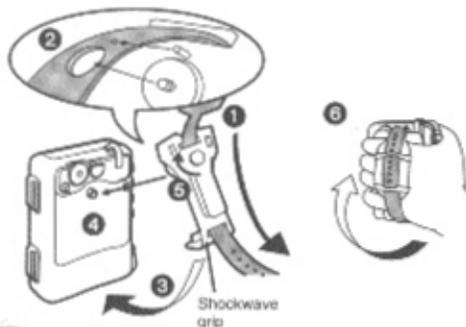
•Use numbers indicated when asking for replacement parts.

Attaching the belt clip and easy grip handle

■ Belt clip



■ Grip handle (RQ-SW70 Only)



Technical Specifications

Radio frequency range:

FM: 87.9-107.9 MHz (10.2 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 3 V (Two R6/LR6, AA, UM-3 batteries)
•Do not use rechargeable type batteries.
91.0x120.0x38.3 mm (3 5/8"x4 1/2"x1 1/2")

Dimensions (W×H×D):

Weight (without batteries):

RQ-SW30: 266 g (9.4 oz.)

RQ-SW70: 269 g (9.5 oz.)

Play time:

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

Panasonic alkaline dry

cell batteries:

Tape: About 15 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.

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.

•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.

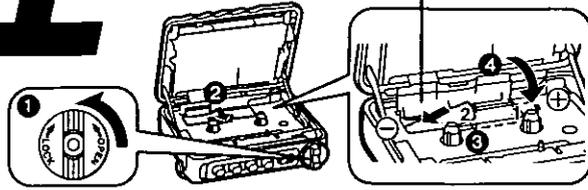
FCC Notice: This system complies with new Part 15, except for the radio receiver, which complies with old Part 15, Subpart C of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesirable operation. The radio receiver is not subject to above item (2).

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

1

INSTALL BATTERIES.

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



2

CONNECT THE HEADPHONES.

Plug in firmly.



3

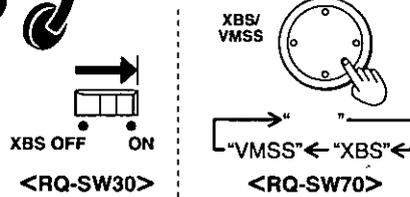


BATTERY CONDITION

OPR/BATT



CHANGING THE BASS

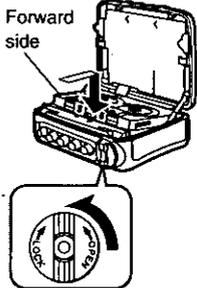


TAPE



Press.
Press for more than 2 seconds.

1 INSERT A CASSETTE.



When removing

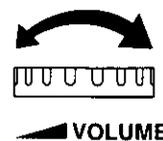


2 PRESS <<>>.



TAPE

ADJUST THE VOLUME.



3 SELECT THE STATION.



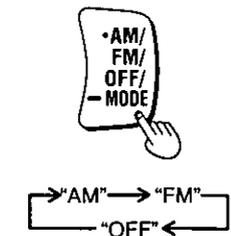
RADIO



1 RELEASE THE HOLD STATE.



2 SELECT THE BAND.



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 on 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. (In U.S.A. consult PASC Authorized Servicenters for detailed instructions or call 1-800-545-2672 for the address of an authorized factory servicenter.)

Problem

Checkpoint

No tape operations in spite of radio operations.

Are the batteries worn?

No radio operations.

Is the unit in the hold state?

No operations.

Have the batteries been installed with their polarities (+, -) reversed?

• No sounds.
• VMSS does not function. (RQ-SW70 Only)
• A gritty noise is heard.

• Is the headphones plug firmly connected to the jack?
• Is the plug dirty?

Basic Operation

TAPE PLAYBACK

You can use normal position type tapes only.

Operation	Button/Selector
To stop	■
To fast forward or rewind	◀◀ or ▶▶
To change the tape direction	DIR (FWD ↔ REV)

◀◀: Fast forward for the forward side

▶▶: Rewind for the forward side

RADIO RECEPTION

Operation	Button
To stop	•AM/FM/OFF

When selecting the band

Press •AM/FM/OFF and release the button within 2 seconds.

Illuminated display (RQ-SW70 Only)

Pressing one of the buttons lights the display for about 5 seconds, which enables easy use even in dark areas.

To confirm the display without operating:

Pressing LIGHT lights the display for about 5 seconds even in the hold state (See back of page).

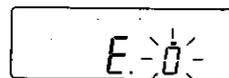
BATTERIES



- Insert the batteries in the correct polarities to avoid leakage and damage to this unit.
- Do not mix old and new batteries, or batteries of different types (manganese, alkaline, etc.).
- Remove all the batteries if the set will not be used for a long period of time.
- Do not use rechargeable type batteries.

When the batteries are weak

The OPR/BATT indicator will become dim or turn off, and then:



Leaving the unit in this condition erases the contents of the memory. Replacing the batteries within 30 seconds will retain any stored information.

TAPE



Auto reverse

Play will continue, looping forward and reverse sides, until ■ (stop button) is pressed.

Notes:

- Before playback, be sure to set •AM/FM/OFF to "OFF".
- When closing the cassette holder, be sure to push the cassette holder firmly against the unit, and turn OPEN LOCK until it locks.
- Do not open the cassette compartment cover during tape operation.

- Between functions (during play, fast forward or rewind), always press ■ (stop button) first to avoid jamming the tape.
- When the tape reaches the end after fast forward or rewind, press ■ (stop button) to release the button.
- If you press •AM/FM/OFF to switch on the radio during tape operation, the button will not be released even though the motor has stopped. In this case, press ■ (stop button) to release the button.

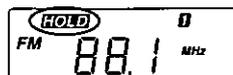
RADIO



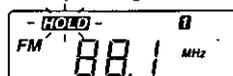
Concerning the hold function

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

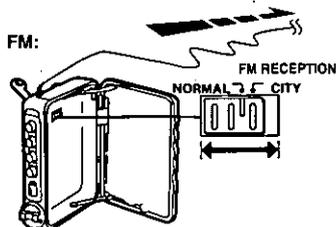
During hold state



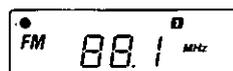
When pressing in error



To obtain good reception



When tuning into a station



Preset tuning

You can store each station separately as follows. (Total: 20 stations)

MODE 1: FM 1-5, AM 1-5

MODE 2: FM 1-5, AM 1-5

We recommend that you use MODE 1 for daily use, and MODE 2 for travel.

Mode selecting

Press and hold **MODE** for more than 2 seconds. "1" (MODE 1) or "2" (MODE 2) is shown on the display.

Memory presetting

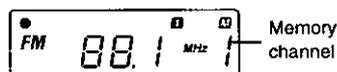
1. Tune in the station to be stored.

2. Press and hold one of the memory buttons (1, 2, 3, 4, 5) for about 2 seconds.



Memory buttons

3 beeps can be heard.



Memory channel

To recall a preset station

Press one of the memory buttons (1, 2, 3, 4, 5).

•Release the button within 2 seconds.

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:

FM 0.2 MHz, AM 10 kHz
(original setting)

FM 0.1 MHz, AM 10 kHz

FM 0.05 MHz, AM 9 kHz

How to adjust the allocation settings

1. Press and hold **MODE** to select the mode (MODE 1 or MODE 2).
2. While pressing both + and -, press and hold **MODE** for about 2 seconds.

•The changed allocation settings (FM and then AM) will appear on the display.

Note:

Converting the allocation erases the stations previously stored in memory.

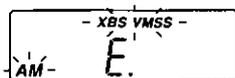
BASS



(RQ-SW70 Only)

XBS and VMSS do not function for AM reception.

If you press XBS/VMSS during AM reception, "E" is shown on the display.



XBS

Boosts the low frequency range.

•If the sound distortion occurs, turn down the volume.

VMSS (RQ-SW70 Only)

Boosts the low frequency range. Also, the vibration of the earpieces of the included headphones makes sound vigorous.

Raising the volume level makes the VMSS effect intensity.

•VMSS may not be effective depending on the source.

•If you experience a ringing or discomfort in your ear while listening in VMSS mode, reduce volume or turn the VMSS mode OFF.

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.

Water Resistant (Splash Proof)

This unit is splash-proof and is not designed to be used under water.

Please note the following points to avoid possible damage to the unit or the headphones.

- Do not drop into, or splash excessive amounts of water onto the unit and headphones.
- If the unit or the headphones get wet with water or sweat, dry them with a soft cloth.
- Do not open the cassette holder near water or sand.
- Make sure there is no sand or dust around the cassette holder.

- Do not expose the unit or the headphones to salt water.
- Since water in the headphones jack may cause damage, cover it with attached rubber cap when the headphones are not in use.
- Do not leave the unit and the headphones for a long period of time in high temperature and high humidity area such as bathrooms or damp basements, etc.
- To prevent water from entering the cassette compartment, be sure to turn OPEN LOCK until it locks the cassette holder closed.

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 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.

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.

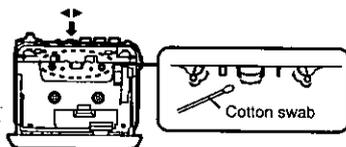
Once you have established a comfortable sound level:

- Set the dial and leave it there.

MAINTENANCE



Get into a habit of cleaning the head assembly (after every 10 hours or so) with a cotton swab dampened with a little alcohol.



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 servicenter directory.

User memo:

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

For
your
protection

Complete and immediately mail the Product Analysis Card so that we may contact you directly in the event a safety notification is issued in accordance with the 1972 Consumer Product Safety Act, or for other reasons Panasonic may deem necessary. Also, we ask that you complete the questionnaire so we may analyze your comments and, in this way, help us evaluate customer needs.

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.

Customer's Record

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

PANASONIC CONSUMER ELECTRONICS COMPANY, DIVISION OF MATSUSHITA ELECTRIC CORPORATION OF AMERICA
One Panasonic Way Secaucus
New Jersey 07094

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
Tel. (809) 750-4300
FAX. (809) 768-2910

PANASONIC AUDIO PRODUCTS 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:

AUDIO COMPONENTS, RADIOS, COMPACT DISC PLAYERS, VIDEO CD PLAYERS AND HOME ENTERTAINMENT SYSTEMS—For one (1) year.

ACCESSORIES, HEADPHONES AND CARTRIDGES—(when applicable) For ninety (90) days.

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

RECHARGEABLE BATTERY PACKS—(when applicable)—New rechargeable battery packs in exchange for defective rechargeable battery packs for (90) days. Non-rechargeable battery packs are not warranted.

Carry-in or mail-in service in the continental U.S.A. can be obtained during the warranty period from a Panasonic Services Company (PASC) Factory Servicenter listed in the Servicenter Directory. Or call 1-800-545-2672, toll free, to locate an authorized PASC Servicenter. Carry-in or mail-in service in Puerto Rico can be obtained during the warranty period by calling the telephone numbers listed in the Servicenter Directory.

This warranty is extended only to the original purchaser. A purchase receipt or other proof of date of original purchase will be required before warranty service is rendered.

This warranty only covers failures due to defects in materials or workmanship which occur during normal use and does not cover normal wear to the stylus

(when applicable) or dealer installed cartridge or stylus. It 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, or commercial use of product, or service by anyone other than a PASC Factory Servicenter or authorized PASC Servicenter, or damage that is attributable to acts of God.

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 AND FITNESS FOR A PARTICULAR PURPOSE, 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 Servicenter. If the problem is not handled to your satisfaction, then write to the Consumer Affairs Division at the company address indicated above.