

FM-AM 2 Band Receiver Operating Instructions

Model No. **RF-SW70**



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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RQTTD460-P
F1201KB0

Supplied Accessories

- ① Stereo headphones (RFEV718P) 1
- ② Neck strap (RKHT0006) 1

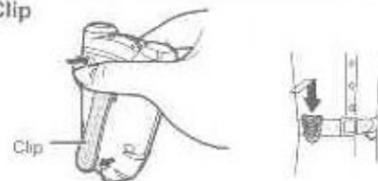
• To order accessories contact 1-800-332-5368 or web site (<http://www.panasonic.com>).

• Use numbers indicated in parentheses when asking for replacement parts.

Be sure to give the model number and color of the unit when purchasing replacement parts.

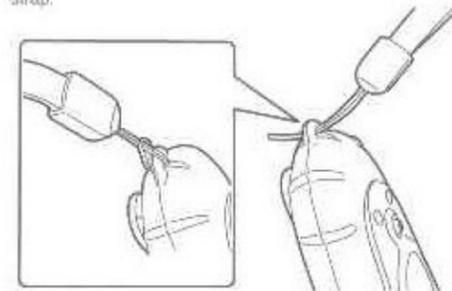
How to use the clip and the neck strap

■ Clip



■ Attaching the neck strap (included)

The unit is easier to carry around if you attach the neck strap.



1

Install a battery.

One R03/LR03, AAA, UM-4 battery (not included)

Connect the headphones.

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

2

① Press and hold [+]
and [-] to switch
hold off.

MODE XBS CITY → MODE XBS CITY

② Press the joystick to select
the band.

• CITY -MEMO

AM → FM
↑ OFF ←

③ Select the station.

MODE XBS CITY → MODE XBS CITY

④ Adjust the volume.

VOLUME

BATTERY CONDITION

Full ————— Empty

Move the joystick up to change
the sound quality.

XBS ON MODE XBS CITY ↔ XBS OFF MODE XBS CITY

The LAP function

Can also be used when the unit is off.

LAP keeps track of time when you are jogging and listening to the radio. Press [LAP]. (LAP is now on.) LAP starts from "00:00" or the last condition on the display.

■ To pause
Press [LAP]. The selected mode number flashes.
• The display clears after about 5 seconds.
To restart
Press [LAP]

■ To choose the lap mode
① Move the joystick down while the lap-pause display is on.
• A tone sounds at the time set for each mode.

Mode	Interval	Sound
Mode 1	Every minute	beep
Mode 2	Every 5 minutes	beep
Mode 3	Every 10 minutes	beep

Which ever mode you choose, "beep beep" sounds every 30 minutes and "beep beep" every 60 minutes.

■ To reset the time display
Press and hold [LAP].
The display changes back to "00:00".

Note:

- The display reverts to "00:00" after "59:59" is displayed.
- The display changes if a button is pressed when LAP is on, but the time display returns after 5 seconds.
- The LAP function may not operate if the battery is running low.

Troubleshooting Guide

BEFORE CALLING

Before requesting service, make the below checks. If you are in doubt about some of the check points, or if the remedies indicated in the chart do not solve the problem, contact the Panasonic Customer Call Center at 1-800-211-7262, or e-mail consumerproducts@panasonic.com, or web site (<http://www.panasonic.com>).

Problem	Checkpoint
No operations.	<ul style="list-style-type: none"> • Is the battery worn? • Is the unit in the hold state? • Has the battery been installed with its polarities (+, -) reversed?
<ul style="list-style-type: none"> • No sounds. • A gritty noise is heard. • Cannot hear music - too noisy. 	<ul style="list-style-type: none"> • Is the headphone plug firmly connected to the jack? • Is the plug dirty? • Separate the unit from mobile phones.

Product Service

- Damage requiring service**—The unit should be serviced by qualified service personnel if:
 - Objects or liquids have gotten into the unit; or
 - The unit has been exposed to rain; or
 - The unit does not operate normally or exhibits a marked change in performance; or
 - The unit has been dropped or the cabinet damaged.
- Servicing**—Do not attempt to service the unit beyond that described in these operating instructions. Refer all other servicing to authorized servicing personnel.
- 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.
- 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>).

CAUTION:
This device complies with Part 15 of the FCC Rules. Operation is subject to the conditions that this device does not cause harmful interference. Any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.

User memo:

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

The model number and serial number of this product can be found on either the back or the bottom of the unit. Please note them in the space provided below and keep for future reference.

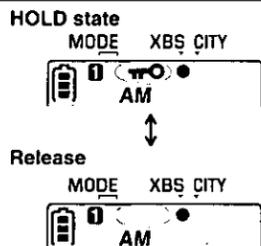
MODEL NUMBER RF-SW70
 SERIAL NUMBER _____

RADIO

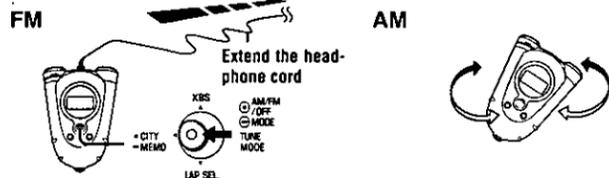


Concerning the hold function

This function prevents the unit from being operated even if any of the buttons are pressed in error.



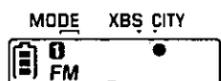
To obtain better reception



How to receive an FM broadcast clearly

When FM reception is impaired, or there is interference from a powerful station, move the joystick to the left to switch CITY on.

When you switch CITY on



Preset tuning

A total of 20 stations can be stored as follows.

MODE 1: FM1-5, AM1-5
MODE 2: FM1-5, AM1-5

Mode selection

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

Memory presetting

- Move the joystick to the right to display "M".
- Move and hold the joystick to the left until the frequency and "M" flashes.
- Press [+] or [-] to tune the station to be stored.

- Move and hold the joystick to the left until the memory channel flashes.



- Press [+] or [-] to select the memory channel.
- Move and hold the joystick to the left until you hear three beeps.

To recall a preset station

- Move the joystick to the right to display "M".
- Press [+] or [-] to select the memory channel.

To receive FM broadcasts allocated in 0.1 MHz

Changing the steps erases all preset stations.

While the radio is on, while pressing the joystick, press and hold [LAP] until the display changes.

Each time you do this:
FM 0.2 MHz, AM 10 kHz (original setting)
↓
FM 0.1 MHz, AM 10 kHz

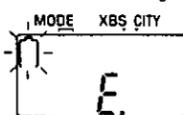
XBS

Boosts the low frequency range.
• If sound distortion occurs, turn down the volume.

- Align the poles (+) and (-) properly when inserting the battery.
 - Remove all the batteries if the set will not be used for a long period of time.
 - Do not recharge ordinary dry cell batteries.
 - 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 condition indicator
This indicator is displayed when listening to the radio.

When the batteries are weak
The indicator starts flashing 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.

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.

- Discontinue use if you experience discomfort with the earphones or any other parts that directly contact your skin. Continued use may cause rashes or other allergic reactions.

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.

Water-resistant (Splashproof)

This unit is splashproof 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 immerse set in water or splash excessive amounts of water onto it.

- If the unit or the headphones get wet with water or sweat, dry them with a soft cloth.

- Do not expose the unit or the headphones to salt water.

- Do not leave the unit and the headphones for a long period of time in high temperature and high humidity areas such as bathrooms or damp basements, etc.

MAINTENANCE



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.

Specifications

Radio frequency range:

FM: 87.9–107.9 MHz (0.2 MHz steps)
87.5–108.0 MHz (0.1 MHz steps)

Output jack:

AM: 520–1710 kHz (10 kHz steps)

Power requirement:

HEADPHONES; 32 Ω

Dimensions (W×H×D):

Battery; DC 1.5 V (One R03/LR03, AAA, UM-4 battery)

Mass (without batteries):

58×87×24 mm (2 3/16"×3 3/16"×1 1/2")
73 g (2.6 oz.)

Play time:

[When used in hold mode, at 25 °C (77 °F) on a flat, stable surface]
Panasonic alkaline dry cell batteries; FM; About 25 hours
AM; About 26 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.

BASS



BATTERIES



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., 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.