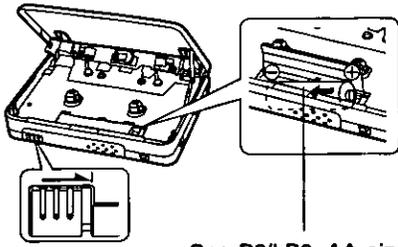


1

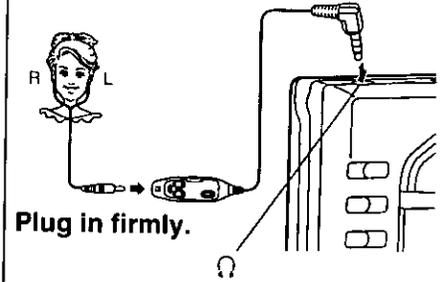
INSTALL A BATTERY.



One R6/LR6, AA size,
UM-3 (not included)
battery

2

CONNECT THE HEADPHONES AND THE REMOTE CONTROL

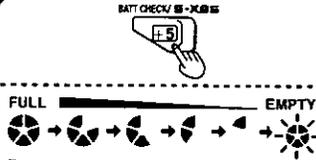


Plug in firmly.

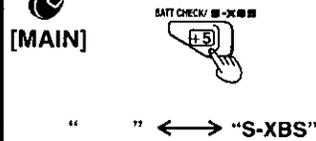
Plug type: 3.5mm stereo

3

BATTERY CONDITION (IN THE STOP MODE)



CHANGING THE TONE (TAPE or FM RADIO)



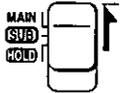
TAPE



RADIO



① SET THE SWITCH TO [MAIN].

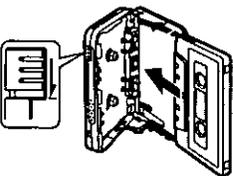


① SET THE SWITCH TO [MAIN].



② INSERT A CASSETTE.

Forward side



② SELECT THE BAND.

RADIO ON/BAND



"AM" ↔ "FM"

③ PRESS [1, TAPE ◀▶].



ADJUST THE VOLUME.



③ SELECT THE STATION.



HOLD



This function prevents the unit from operating inadvertently.

- A key is displayed when the main unit's hold function is on. The key flashes when a button is pressed.
- The function on the main unit and the remote control are independent of each other.

During hold state



If a button is pressed.



TAPE



Auto reverse

Unless [2, OFF] is pressed, the unit plays 3 sides of the tape and then automatically stops.

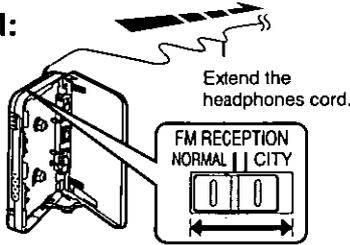
Note:

- Do not open the cassette compartment cover during tape operation.
- You can use normal position tapes only. This unit will not be able to do full justice to characteristics of high and metal position tapes even if they are played back.

RADIO



FM:



How to receive an FM broadcast clearly
Set [FM RECEPTION] to [NORMAL].
When the 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.

To select a memory channel from 6 to 10

■ Memory presetting

(Available only from the main unit)

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.

1. Press [BATT CHECK, +5].

2. Within 10 seconds press and hold one of the memory buttons for about 2 seconds. For example (Memory channel 7): [BATT CHECK, +5] → [2]

■ To recall a preset station

(From the main unit)

1. Set [MAIN, SUB, HOLD] to [SUB].

2. Press a memory button.

To select a memory channel from 6 to 10, press [BATT CHECK, +5] and within 10 seconds press a memory button.

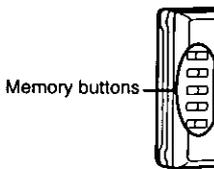
- Release the memory button within 2 seconds.

(From the remote control)

During reception, press [+] or [-].

Note:

Pressing [BATT CHECK, +5] again while "+5" displaying erases it.



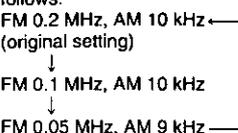
3 beeps can be heard.



When using overseas

Allocations need to be changed according to the area.

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



■ How to adjust the allocation settings

(Available only from the main unit)

While playing the radio

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

BASS



S-XBS does not function for AM reception. If you press [S-XBS] during AM reception, "E." is shown on the display.

- S-XBS**
Boosts the low frequency range.
- If distortion occurs, turn down the volume.

BATTERY



- Observe polarity to avoid leakage and damage to the unit.
- Remove the battery if the set will not be used for a long period of time.
- If rechargeable batteries are to be used, rechargeable batteries manufactured by Panasonic are recommended.

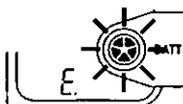
Battery condition indicator

The indicator is shown whenever the radio is on or a tape is traveling.



- When you start a tape or radio reception, the indicator scrolls 2 times before it lights.
- When you press [BATT CHECK, +5] in the stop mode, the indicator scrolls 2 times and lights for about 5 seconds.
- The indicator may show a lower amount of charge during some operations.

When the battery is weak
The indicator will flash 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.

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-

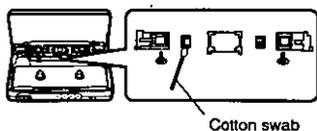
air type designed to let you hear outside sounds, don't turn up the volume so high that you can't hear what's around you. Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against 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



To ensure good sound quality, clean the head after approximately every 10 hours of use with a cotton swab dampened with a little alcohol.



Cotton swab

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 _____

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)
40–18000 Hz (Normal)

Frequency range: 4.8 cm/s (1 1/2 ips)

Tape speed: Output: HEADPHONES

Jack: Battery: DC 1.5 V (R6/LR6, AA, UM-3 battery)

Power requirement: 78.5×109.2×28.3 mm (3 1/8"×4 1/4"×1 1/8")

Dimensions (W×H×D): 168 g (5.9 oz.)

Weight (without battery):

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 28 hours
Radio; About 32 hours

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

Troubleshooting Guide

Before requesting service for this unit, check the chart 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.

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



BEFORE CALLING

PROBLEM
No operations.
<ul style="list-style-type: none"> •No sounds. •A gritty noise is heard.

CHECKPOINT
<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"> •Is the headphones plug firmly connected to [] jack? •Is the plug dirty?

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 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 adjustments, 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, 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 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, then 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 _____	_____