

Stereo Radio Cassette Player  
MODEL NO. RQ-V180

# Operating Instructions

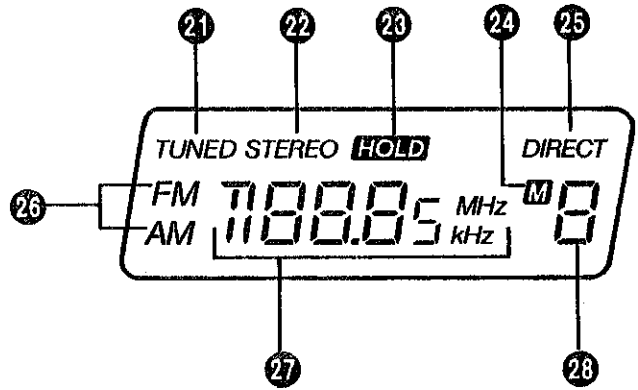
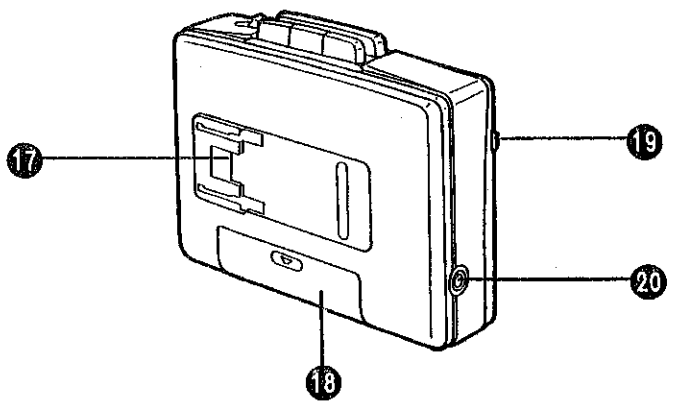
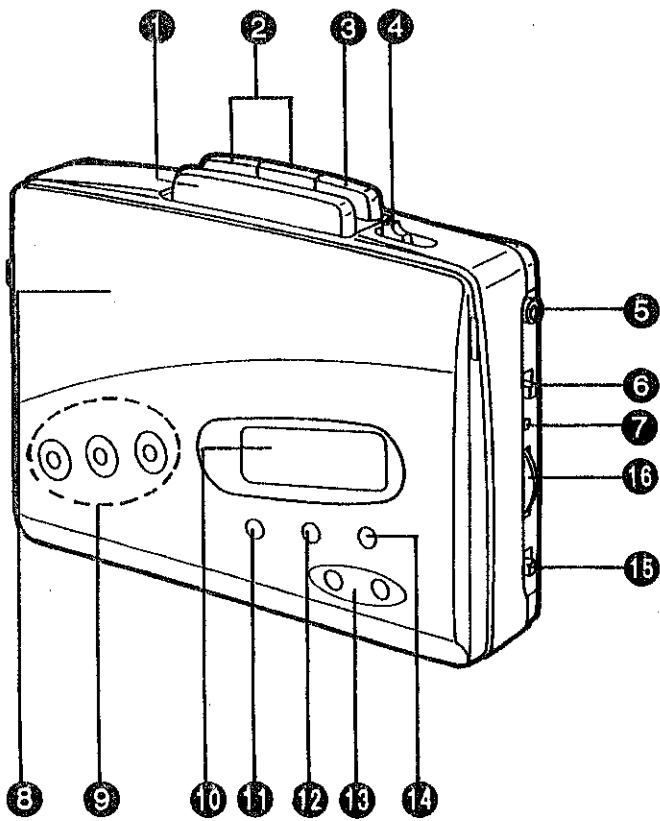


## Panasonic

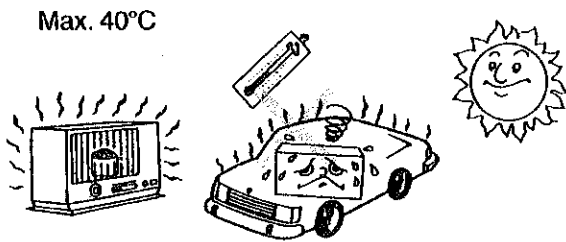
Before connecting, operating or adjusting this product,  
please read these instructions completely.

GN

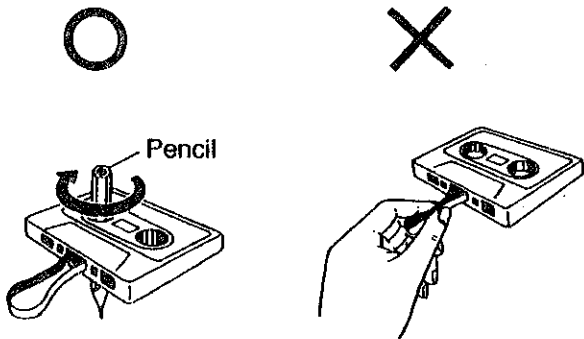
# A LOCATION OF CONTROLS



## **B** PRECAUTIONS



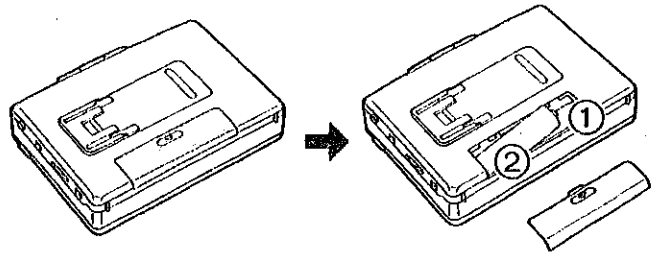
## **C** CASSETTE TAPES



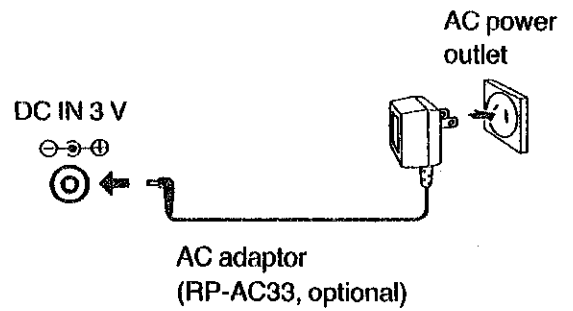
## **D** POWER SOURCE

### ■ Battery Operation

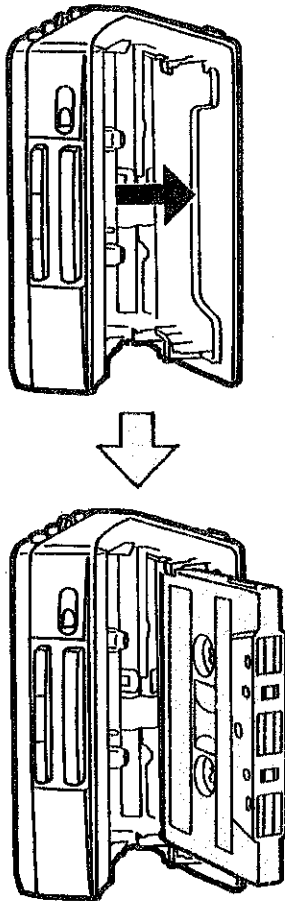
Two UM-3,  
"R6/LR6" batteries  
(not included)



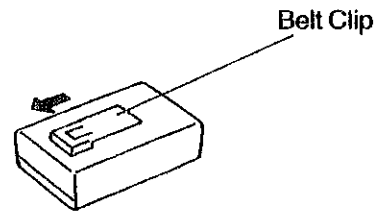
### ■ AC Power Operation



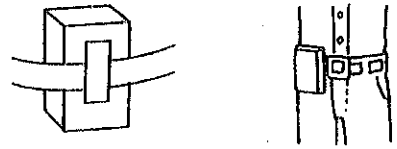
**E CASSETTE INSERTION**



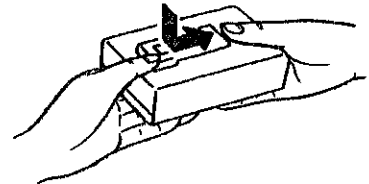
**F BELT CLIP**



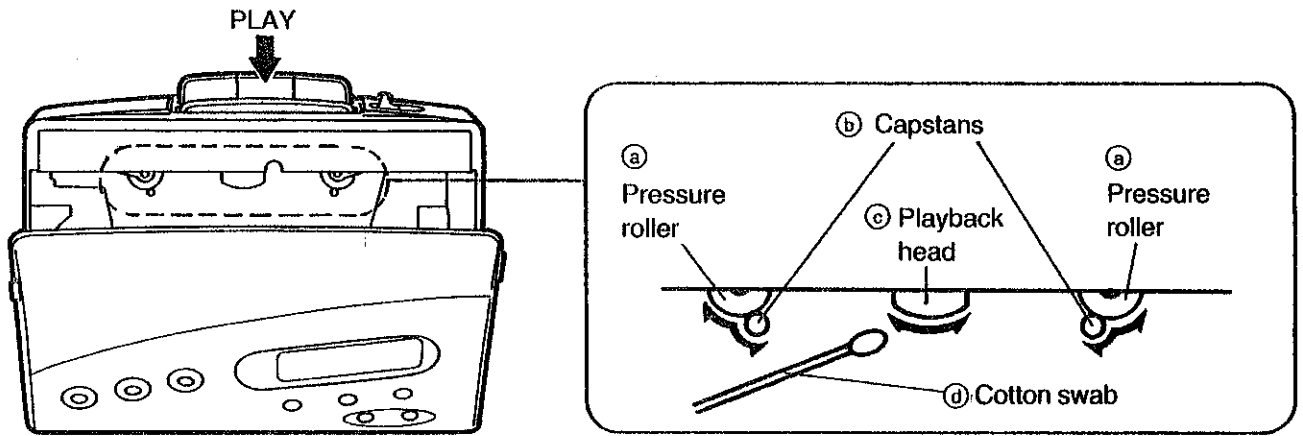
•Attaching  
Clip to  
your belt



•To remove




# G MAINTENANCE



Thank you for purchasing the Stereo Radio Cassette Player  
RQ-V180.

For optimum performance and safety, please read these instructions  
carefully.

## LOCATION OF CONTROLS ( A )

- |   |   |
|---|---|
| ① Playback button (PLAY/◀▶)   | ⑮ FM mode/tape selector<br>(FM MODE/TAPE) |
| ② Fast buttons (FAST/◀◀•▶▶)   | ⑯ Volume control (VOLUME)                 |
| ③ Stop button (STOP/■)  | ⑰ Belt clip receptacle                    |
| ④ Direction selector (DIR)  | ⑱ Battery compartment cover               |
| ⑤ Headphones jack (  ) | ⑲ Hold switch (HOLD)                      |
| ⑥ Function selector (SELECTOR)  | ⑳ DC input jack (DC IN 3 V ⊖ ⊕ )          |
| ⑦ Operation/battery check indicator<br>(OPR/BATT)   | ㉑ Tuning indicator (TUNED)                |
| ⑧ Cassette compartment cover  | ㉒ Stereo indicator (STEREO)               |
| ⑨ Direct tuning buttons (1, 2, 3)   | ㉓ Hold indicator (HOLD)                   |
| ⑩ Display section   | ㉔ Memory indicator (M)                    |
| ⑪ Memory select/memory scan button<br>(• M.SELECT/-M.SCAN)  | ㉕ Direct tuning indicator (DIRECT)        |
| ⑫ Band select button (FM/AM)  | ㉖ Band indicators (FM/AM)                 |
| ⑬ Tuning buttons (TUNING)   | ㉗ Multi indicator                         |
| ⑭ Memory button (MEMORY)  | ㉘ Memory channel indicator                |

## PRECAUTIONS (🔊 [B])

- If the set is not used for a long period of time or is used only from an AC power source, remove all the batteries to prevent potential damage due to possible battery leakage.
- 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 the doors and windows closed, as this may deform the cabinet.
- When not in use, disconnect the AC adaptor from the AC power outlet.

## CASSETTE TAPES (🔊 [C])

Cassette tapes, both recorded and unrecorded, should not be stored in locations with high temperature, high humidity or direct sunlight. Never place a recorded cassette near a magnetic source such as a magnet or a TV set as this may affect tape performance.

### Precautions for Listening with the Headphones

- Do not play your headset 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 headset 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.

## POWER SOURCE ( D)

### ●Battery removal

Press battery "②" toward the ⊖ battery terminal and remove it.

### ●Battery life

When the batteries are weak, the OPR/BATT (operation/battery check) indicator will become dim or turn off during operation, and this unit will turn off to protecting the memorized contents. Replace the new batteries. When replacing the batteries, replace them within 30 seconds. (If not, memorized contents will cancelled.)

When the power is turned off soon after increasing the volume, pressing the operation button or turning on the radio, replace the batteries.

### ●AC Power Operation ( D)

Connect the AC adaptor (Use only Panasonic AC adaptor, RP-AC33, optional) as shown in the figure.

#### Note:

To operate on battery power unplug the AC adaptor unit from the household AC power outlet and the DC input jack on the unit.

- If you leave the AC adaptor jack connected to the DC input jack while disconnecting the AC adaptor unit from the AC power outlet, the memorized contents for radio will be cleared.
- When the Battery Indicator dims and you wish to use the AC adaptor, be sure to connect the AC adaptor after removing the spent batteries.

### To Prevent Possible Damage to this Unit

- Load new battery with their polarities (⊕ and ⊖) aligned correctly.
- Do not apply heat to batteries, or internal shortcircuit may occur.
- If this unit is not to be used for a long period of time, or used on AC power source, remove the batteries and store them in a cool and dry place.
- Remove spent batteries immediately.
- Do not use old and new batteries together. Also never use an alkaline battery with a manganese battery.



## RADIO

### Hold operation

Setting the hold switch to "HOLD" position will hold the present condition, and reject the operation of the front panel buttons.

This is useful to prevent unexpected operation. (The hold indicator will appear on the display.) Before operating the front panel button, be sure to release the hold condition. (The hold indicator will disappear.)

1. Release the hold condition.
2. Connect the included stereo earphones to the headphones jack.
3. Set the function selector to "RADIO".  
The OPR/BATT indicator will illuminate and the frequency display will appear.
4. Press the band select button to select the desired radio band (FM or AM).

5. Press the + or - button to tune in your favorite station.

The frequency display will change.

(AM step by 9 kHz, FM step by 0.05 MHz.)

When you listen to the FM broadcast, set the FM mode selector to the proper position.

6. Adjust the volume using the volume control.

To turn off the radio, set the function selector to "OFF TAPE".

### ■ FM Mode Selector

To receive FM stereo broadcasts, set the FM mode selector to "ST". If reception is poor (excessive noise), set to "MONO". This will reduce the noise and provide clear reception, however, the broadcast will not be heard in stereo.

●When receiving the FM stereo broadcasts, the stereo indicator will appear.

## ■ Antennas

### **FM:**

The stereo earphones cord serves as the FM antenna, hence be sure to have it extended, not coiled.

### **AM:**

The built-in ferrite core AM antenna is directional. It may be necessary to turn the unit to obtain optimum reception.

Be sure to have the set in an horizontal position when you listen to AM broadcasts. If you use the radio in a upright position, it may not function adequately.

## ■ How to memorize the broadcasting station

**To memorize into direct tuning buttons**

3 stations FM and AM can be memorized.

**1. Receive the station to be memorized.**

**2. Press the memory button.**

- The memory indicator will flash on and off for 10 seconds.

**3. During flashing (for 10 seconds), press one of the direct buttons to be memorized.**

(Two beeps will be emitted.)

- The direct indicator and memory channel number will appear.

- The memory indicator will light.

### **To memorize into memory channels from 1 to 6**

12 stations can be memorized (6-FM and 6-AM stations).

- 1. Receive the station to be memorized.**
- 2. Press the memory button.**
  - The memory indicator will flash on and off for 10 seconds.
- 3. During flashing (for 10 seconds), press the memory select button to select the memory channel (1–6) to be memorized.**
  - The memory channel number will appear and each time the memory select button is pressed, the memory channel number will change from 1 to 6 and return.
- 4. Press the memory button to enter the memory.**

(Two beeps will be emitted.)

  - The memory indicator will light.
  - The previous memory will be cleared when the new memory is entered into the same memory channel.

### **■ How to tune in the memorized station** **Direct tuning**

- 1. Set the function selector to "RADIO".**
- 2. Release the hold condition.**
- 3. Press one of the direct tuning buttons to receive your desired station.**
- 4. Adjust the volume using the volume control.**

### **Memory channel tuning**

- 1. Set the function selector to "RADIO".**
- 2. Release the hold condition.**
- 3. Select the desired radio band using the band select button.**
- 4. Press the memory select button until the desired memory channel number appears.**
- 5. Adjust the volume using volume control.**

### Memory scan

Once the stations have been preset into the memory select button for channels 1 through 6, the programs of each of those stations can be heard for several seconds in turn simply by pressing the memory scan button. This function comes in handy for checking out what kind of broadcasts are now being beamed by the preset stations.

1. Press the memory scan button.  
(For more than 1 second.)

The channel will change in order 1→2→3→4→5→6→1→to each broadcasting for about a few seconds. (display flashes)

2. When your desired memory channel is displayed, press the memory scan button once again.

### Last station recall

This memory functions when the radio is off. When the radio is turned on, the frequency received before it was turned off is tuned in again.

## TAPE PLAYBACK

1. Open the cassette compartment cover with your hand. Insert a cassette as shown in the figure, and then close the cassette compartment cover. (▶ E)
2. Connect the included stereo earphones to the headphones jack.
3. Set the function selector to "OFF TAPE".
4. Press the playback button, and playback will begin.
5. Adjust the volume control.

- To stop the playback, press the stop button.

#### Notes:

- Do not open the cassette compartment cover during playback.
- If you set the function selector to "RADIO" during playback, the playback button will not be released although the motor has stopped. Press the stop button to release the playback button.

### ■ Fast Forward and Rewind

The tape will rapidly advance in the forward or reverse direction when one of the fast buttons is pressed.

#### Notes:

- When the tape reaches the end by pressing one of the fast buttons, the tape movement stops, but the unit is not turned off. Do not leave the set in this condition. Be sure to press the stop button.
- Do not press the playback button during fast forward or rewind, as this may jam the tape. Always press the stop button first, between functions.

### ■ Tape Selector

Set the selector to the appropriate position according to the type of tape being used.

**CrO<sub>2</sub> [MTL]:** Metal tape/high bias chromium tape or equivalent

**NOR:** Low bias ferric oxide tape

### ■ Auto Reverse (Continuous Playback)

When the tape comes to the end of its travel, the auto reverse system functions, and the tape direction changes automatically to start playing the opposite side of the tape.

- The cassette tape will run continuously, changing from forward to reverse, then back again, etc., until the stop button is pressed.

### ■ Manual Reverse

Select the playback side, forward or reverse, by setting the direction selector to "FWD" or "REV".

## **BELT CLIP (E)**

## **MAINTENANCE (G)**

- If the head assembly is extremely dirty, clean them with a soft cloth dampened with a little alcohol.
- Do not bring any type of metal objects or tools such as magnetic screwdrivers in contact with the head assembly.
- Do not clean the plastic cabinet with benzine or thinner. Clean it with a solution of soap and water.
- Avoid spray-type insecticides. Some insecticides contain chemicals that could cause cabinet deformation.

### ■ SPECIFICATIONS

Radio Frequency Range:	FM; 87.5–108 MHz AM; 522–1611 kHz
Power Requirement:	Battery; 3 V (two UM-3, "R6/LR6" batteries) AC; with optional AC adaptor RP-AC33
Power Output:	30 mW (15 mW×2)...RMS (max.)
Frequency Range:	40–14,000 Hz (Normal, CrO <sub>2</sub> /Metal)
Tape Speed:	4.8 cm/s
Jacks:	
Input;	DC IN; 3 V
Output;	EARPHONES
Dimensions:	86.5×121.2×33.6 mm
(W×H×D)	
Weight:	265 g without batteries

Design and specifications are subject to change without notice.