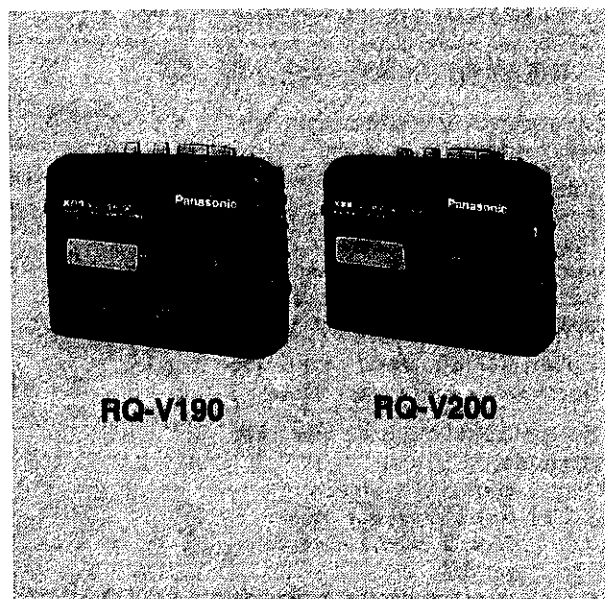


Stereo Radio Cassette Player
MODEL NO. RQ-V190/V200

Operating Instructions



Panasonic

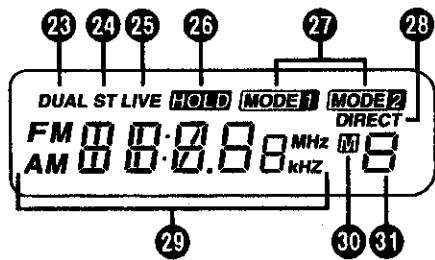
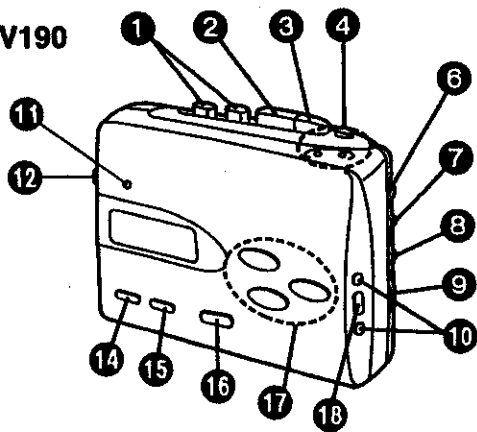
Before operating this unit, please read these instructions completely.

GN

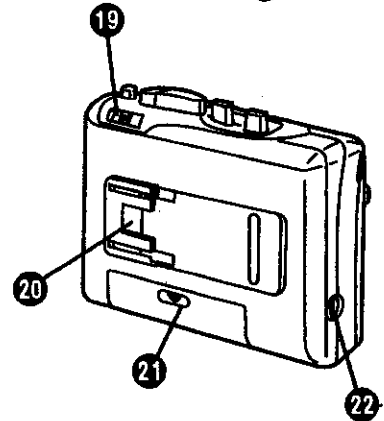
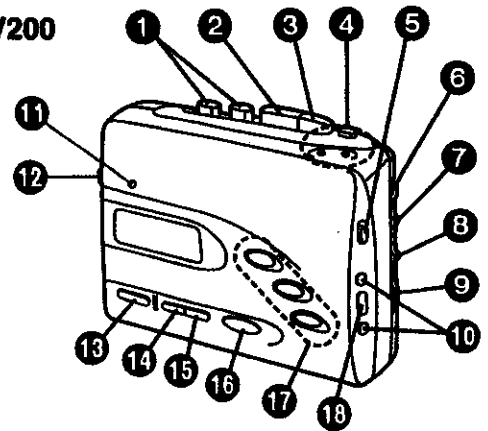
Thank you for purchasing this unit.
 For optimum performance, follow these operating
 instructions carefully.

A LOCATION OF CONTROLS

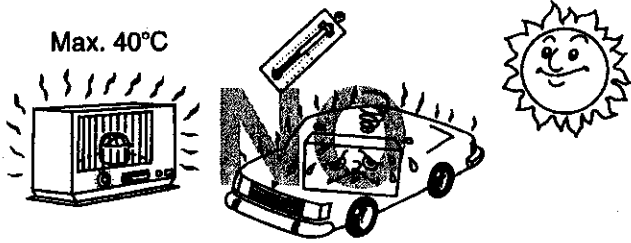
RQ-V190



RQ-V200



B PRECAUTIONS



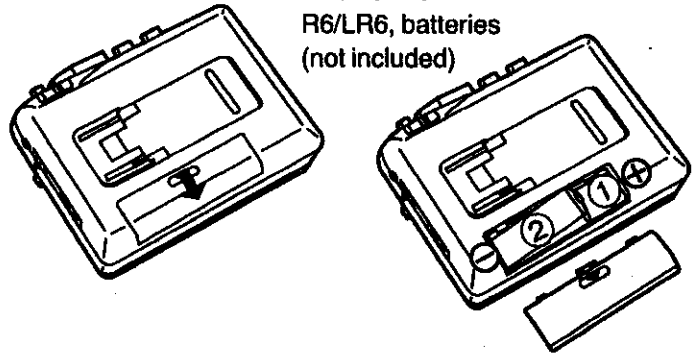
C CASSETTE TAPES



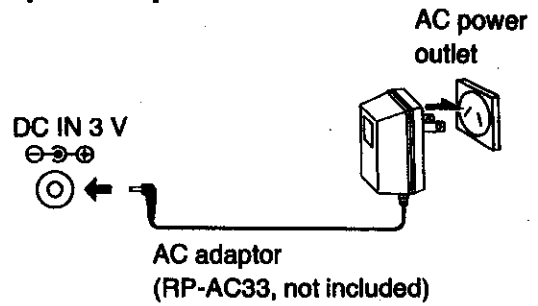
D POWER SOURCE

• Battery operation

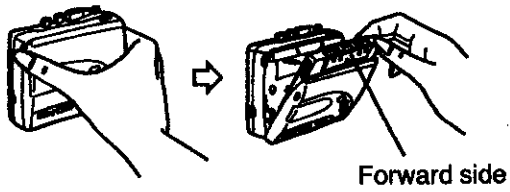
Two "UM-3"
R6/LR6, batteries
(not included)



• AC power operation

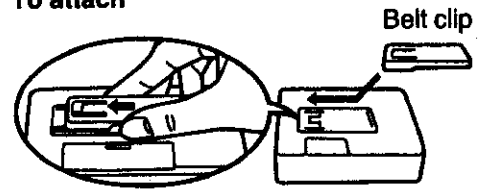


E CASSETTE INSERTION

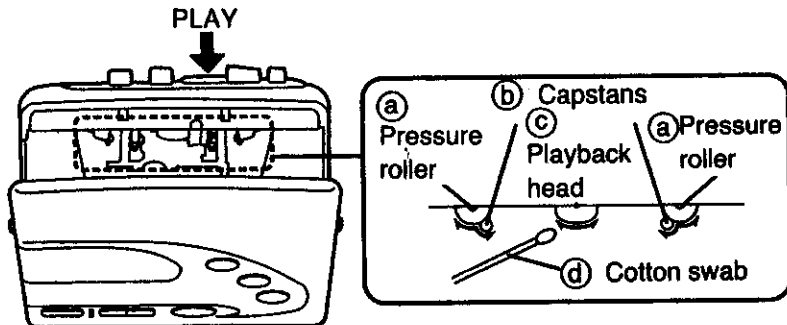


F BELT CLIP

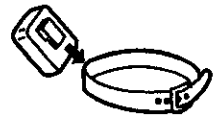
(a) To attach



G MAINTENANCE




(b) Attaching the clip to your belt







(c) To remove




LOCATION OF CONTROLS ()

()—Please refer to the illustrations on pages 2 to 4.)

*Dolby NR function and live button are not provided on the RQ-V190.

- ① Fast buttons (FAST)
- ② Playback button (PLAY)
- ③ Stop button (STOP)
- ④ Direction selector (DIR)
- ⑤ *Dolby NR switch ( NR)
- ⑥ Headphones jack ()
- ⑦ XBS switch (XBS)
- ⑧ FM mode/tape selector (FM MODE/TAPE)
- ⑨ Volume control (VOLUME)
- ⑩ Tuning/time adjust buttons (+, -)
- ⑪ Operation/battery check indicator (OPR/BATT)
- ⑫ Hold switch (HOLD)
- ⑬ *Live button (LIVE)
- ⑭ Dual clock button (-DUAL CLOCK)
- ⑮ Band/mode select button (•FM/AM/-MODE)
- ⑯ Memory select/memory scan button (•M. SELECT/-M. SCAN)
- ⑰ Direct tuning buttons (•1, •2, •3)
- ⑱ Memory/time set button (MEMO T. SET)
- ⑲ Function selector (TAPE/  RADIO)
- ⑳ Belt clip receptacle
- ㉑ Battery compartment cover
- ㉒ DC input jack (DC IN 3 V )
- ㉓ Dual clock indicator (DUAL)
- ㉔ Stereo indicator (ST)
- ㉕ Live indicator (LIVE)
- ㉖ Hold indicator (*HOLD*)
- ㉗ Memory mode indicator (*MODE1* *MODE2*)
- ㉘ Direct tuning indicator (DIRECT)
- ㉙ Multi indicator
- ㉚ Memory indicator (*M*)
- ㉛ Memory channel indicator

PRECAUTIONS

- If the set is not used for a long period of time or is used only from an AC power supply, 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. ( B)
- When not in use, disconnect the AC adaptor from the AC power outlet.

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.

PREPARATIONS

■ 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 be turned off to protect the memorized contents. If the power turns off soon after increasing the volume, pressing the operation buttons or turning on the radio, replace the batteries. Replace within 30 seconds. (Failure to do so will result in the loss of memorized settings.)

AC power operation

Connect the AC adaptor (Panasonic RP-AC33, not included) as shown in the figure.

Notes:

- 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 will be cleared.
- When the battery indicator dims and you wish to use the AC adaptor, be sure to connect the AC adaptor before 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 mains supply, 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.

■ Hold operation

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

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.)

■ To set the correct time

Release the hold state.

Set the function selector to "TAPE/ OFF".

Hour setting

1. Press the time set button for more than 1 second.

The hour display begins to flash.

2. During flashing, press and hold the time adjust buttons (+ or -) until the correct hour appears on the display.

3. Press the time set button.

The hour display will stop flashing and then minute display will begin to flash.

Minute setting

4. Press and hold the time adjust buttons (+ or -) until the correct minute appears on the display.

5. Press the time set button, and the clock is reset to "0" second.

Dual time setting

This unit has two time settings, one for the present time and the other for dual time (i.e. a different time zone).

1. First press the dual clock button for at least 2 seconds.

Dual clock indicator will appear.

2. Now carry out steps 1 to 5 above.

Each time the dual clock button is pressed, the present time and the dual time switch alternately.


Notes:

- Note that the minute "00" display appears following "59", but the hour display is not changed.
- When the minute display is set correctly and the time set button is pressed, the clock is reset to "0" second.

TAPE PLAYBACK

1. Open the cassette compartment cover with your hand. Insert a cassette, and then close the cassette compartment cover.

( E)

2. Connect the included stereo earphones to the headphones jack.
3. Set the function selector to "TAPE/ ".
4. Press the playback button, and playback will begin.

The OPR/BATT indicator will illuminate.

"TAPE" appears on the display for about 5 seconds.

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. Between functions, always press the stop button first.

■ Auto reverse (Continuous playback)

When the tape comes to an end, 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 pressing the direction selector to "FWD" or "REV".

■ Tape selector

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

CrO₂ : Metal tape/high bias chromium tape or equivalent

NOR: Low bias ferric oxide tape

■ Cassette tapes ()

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.

■ Cassette tapes exceeding 90 minutes

These tapes are handy for their long playback and recording time but be careful about repeatedly stopping and starting, rewinding and fast forwarding these tapes in short intervals as they are thin, tend to stretch and may become entangled in the machine.


■ *Dolby NR switch (Only for RQ-V200)

This unit includes Dolby noise reduction which reduces the noise.

ON: To playback the tape recorded with Dolby B-type noise reduction

OFF: For other tapes

*Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.

"DOLBY" and the double-D symbol  are trademarks of Dolby Laboratories Licensing Corporation.

SPECIAL FEATURES

■ XBS switch

XBS boosts the low frequency range, so that you can fully enjoy the dynamic low sounds.

■ Live button (Only for RQ-V200)

This button is used to add gloss to the vocals and make you feel as if you were hearing a live stage performance.

When pressing this button, live indicator will appear. To cancel the live effect, press this button again. Live indicator will disappear.

This function may not be effective according to the source.

RADIO

1. Release the hold state.
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 tuning buttons ("+" or "-") to tune in your favorite station.
The frequency display will change.
(AM step by 9 kHz, FM step by 0.05 MHz.)

Auto tuning

Hold either of the tuning buttons for more than 0.5 seconds, and then release it. Auto tuning will operate and stop automatically on next strong station.

+...To switch to a higher frequency

-...To switch to a lower frequency

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 "TAPE/OFF".

■ FM mode selector

To receive FM stereo broadcasts, set the FM mode selector to "STEREO". 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 earphones cord serves as the FM antenna, so 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 a horizontal position when you listen to AM broadcasts. If you use the radio in an upright position, it may not function adequately.

■ Last station recall

This memory functions when the radio is turned off. The frequency last tuned into is automatically received when the radio is turned back on again.

■ How to store the broadcasting stations

Since this unit features a dual mode function (MODE1, MODE2), the setting for each mode can be stored in and erased from the memory separately.

This feature proves to be convenient when traveling.

To store radio stations into buttons 1, 2 and 3 (for direct tuning)

3-FM and 3-AM stations can be stored in each mode.

1. Press the band/mode select button for about 3 seconds to select the mode (MODE1, MODE2).

2. Tune in the station to be stored.

3. Press the memory button.

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

4. During flashing, press one of the 1, 2 or 3 buttons.

(Three beeps will be emitted.)

The direct tuning indicator and memory channel number will appear, and the memory indicator will light.

To store radio stations into memory channels from 1 to 4

4-FM and 4-AM stations can be stored in each mode.

1. Press the band/mode select button for 2 seconds to select the mode (MODE1, MODE2).

2. Tune in the station to be stored.

3. Press the memory button.

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

4. During flashing, press the memory select button to select the memory channel number (1-4).

The memory channel number will appear and each time the memory select button is pressed, the memory channel number will change from 1 to 4 in turn.

5. Press the memory button.

(Three beeps will be emitted.)

The memory indicator will light.

■ How to tune in the stored stations

1. Set the function selector to "RADIO".

2. Release the hold state.

3. Select the mode (MODE1, MODE2).

4. Select the desired radio band using the band/mode select button.

(Direct tuning)

5. Press one of the 1, 2 or 3 buttons to receive your desired station.

6. Adjust the volume using the volume control.

(Memory channel tuning)

5. Press the memory select button until the desired memory channel number appears.

6. Adjust the volume using the volume control.

■ Memory scan

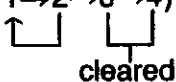
Once the stations have been preset, the programs of each of those stations can be heard for several seconds in turn simply by pressing the memory scan button. This function comes in handy for checking out what kind of broadcasts are now being beamed by the memory channels (1-4).

1. **Press the memory select/scan button for more than 1 second.**
The channel will flash and change in order 1→2→3→4→1 to play each channel for about a few seconds.
2. **When your desired memory channel is displayed, press the memory select/scan button once again.**

The previous station will be cleared when the new station is stored into the same memory channel.

■ How to skip unnecessary memory channel number(s)

You can skip the unnecessary memory channel number(s) at your convenience.

(EX. 1→2→3→4)


1. **Turn on the radio and recall the memory channel to be cleared.**
2. **Press the memory button.**
The memory indicator will flash on and off for 10 seconds.
3. **While the memory indicator flashes on and off, press both of the tuning buttons (+ and -) at the same time.**
The frequency display will disappear and "----" will appear instead.
4. **Press the memory button.**
(Three beeps will be emitted)

Notes:

- The cleared channels can be reset to a new station by performing the memorization procedure above.
- The "----" display cannot be memorized into the direct tuning buttons. If you press one of the direct tuning buttons after the "----" is displayed, five beeps will be emitted.

MAINTENANCE ( **G**)

- If the head assembly is extremely dirty, clean it 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 aerosol type cleaners. Some cleaners contain corrosive chemicals that may cause internal damage and 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:	
Normal, CrO ₂ /Metal	40–14,000 Hz
Tape speed:	4.8 cm/s
Jacks:	
Input;	DC IN; 3 V
Output;	PHONES
Dimensions:	
(W×H×D)	114.2×84.5×36.5 mm
Weight:	
RQ-V190;	184 g without batteries
RQ-V200;	190 g without batteries

Note:

Specifications are subject to change without notice.
Weight and dimensions are approximate.

Matsushita Electric Industrial Co., Ltd.
Central P.O. Box 288, Osaka 530-91, Japan

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