

Operating Instructions

MODEL NO. RF-1150

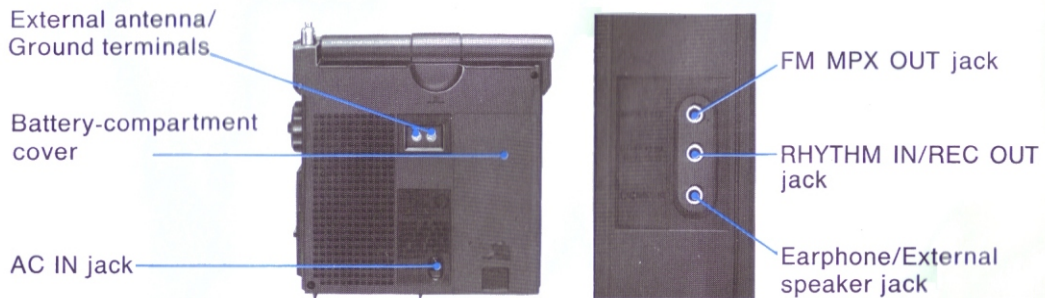


FM-AM-CB 6-BAND PORTABLE RADIO

Panasonic®

Before operating this set, please read these instructions completely

LOCATION OF CONTROLS



WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

POWER SUPPLY

Battery Installation:

Open the compartment cover by sliding it downwards as shown in Fig. 1, and insert four "D" size batteries (Panasonic UM-1, or equivalent) observing correct polarity (plus and minus) (Fig. 2).
Replace the compartment cover.

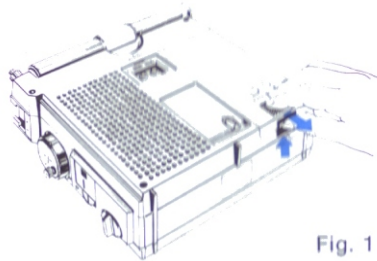
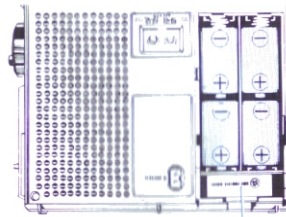


Fig. 1



Earphone storage pocket

Fig. 2

Notice: If the receiver is not in use or not operated on battery power for a long time, remove all the self-contained batteries to prevent damage due to possible battery leakage.

To Check the Battery Condition:

1. Set the power switch to "ON".
2. Tune in no station, and the Battery meter (combined with the Tuning meter) then shows battery condition.

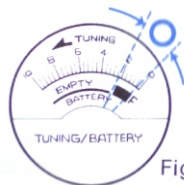


Fig. 3

NORMAL

The batteries are good.



Fig. 4

WEAK

Replace all the batteries with new ones.

AC Power Operation:

Connect the accessory AC power cord to the "AC IN" jack and to a regular house outlet (120 V AC). (See Fig. 5.) When the power cord is plugged into the "AC IN" jack on the radio, the power supply is automatically switched over from battery to AC.

AC outlet (120 V)

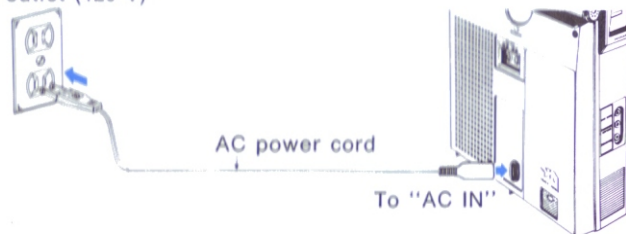


Fig. 5

OPERATING THE RECEIVER

Your RF-1150 receiver should be operated as any standard radio. However, to obtain the best performance and take advantage of some of the high performance features of the RF-1150, we suggest you read the following operating hints.

Power Switch

Turn the radio on or off with this switch.

Band Selector

Set the selector to your desired band position.

FM	88 ~ 108 MHz
AM	525 ~ 1605 kHz
MB	1.6 ~ 3.9 MHz
SW1	3.9 ~ 12 MHz
SW2	12 ~ 30 MHz
CB	26.8 ~ 28.4 MHz

CB Switch

Used to make it easy and simple to tune in a station on the Citizens Band.

1. Set the Band selector to "SW2/CB".
2. Set the CB Switch to "ON".

Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	26.965	13	27.115
2	26.975	14	27.125
3	26.985	15	27.135
4	27.005	16	27.155
5	27.015	17	27.165
6	27.025	18	27.175
7	27.035	19	27.185
8	27.055	20	27.205
9	27.065	21	27.215
10	27.075	22	27.225
11	27.085	23	27.255
12	27.105		

NOTE: **Broadcasts** on Citizens Band are not continuous, so you could not always receive the signals. Rotate the Tuning control carefully and scan the dial some times.

BFO (Beat Frequency Oscillator) Switch

Used during the reception of CW (Continuous Waves) or SSB (Single-Side Band) signals. With this switch on, a "peep" sound on CW will be clearly heard and it will be possible to hear a transmitted voice on SSB. Keep the switch off during any other than CW and SSB reception.

AFC/Dx-Local Switch

- Has a combined function as an AFC switch on FM and a Dx-Local switch on AM. Normally leave in the "ON/DX" position.
- On FM, if you find it difficult to tune in a particular station because of a strong adjacent station, then switch off the AFC.
- On AM, if the station is sufficiently strong to cause overloading or distortion in the radio, then move the switch to "LOCAL".

Tuning Control

For tuning in your desired station. A little knob on the control will help you turn the tuning dial rapidly.

Fine Tuning Control

For making it precise to tune in a SW station.

First be sure the white mark on this control is horizontal. Make further proper tuning with this control after doing with the Tuning control.

NOTE: Make sure the white mark is horizontal before any tuning.

During AM reception, keep the white mark horizontal; and for FM, this control has no function.

Tuning Meter

This meter (combined with a battery-checking meter) is used to indicate the relative strength of signals tuned on the radio. The stronger the station, the greater the deflection to the left.

Dial Light Button

When tuning in the dark, depress this button. The Tuning/Battery meter and the tuning dial will be illuminated.

Volume Control

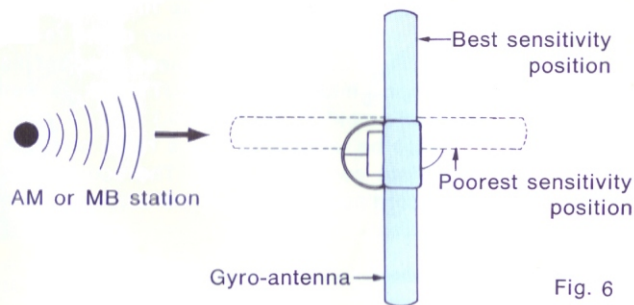
For adjusting the volume to your desired level.

Bass Control

Controls the bass tone.

Treble Control

Controls the treble tone.



Gyro-antenna

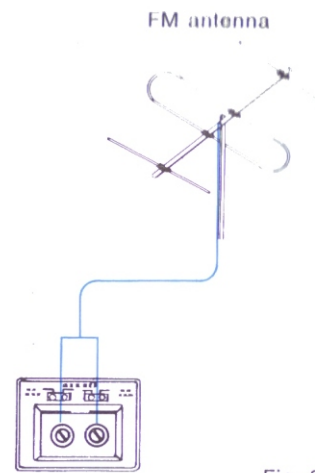
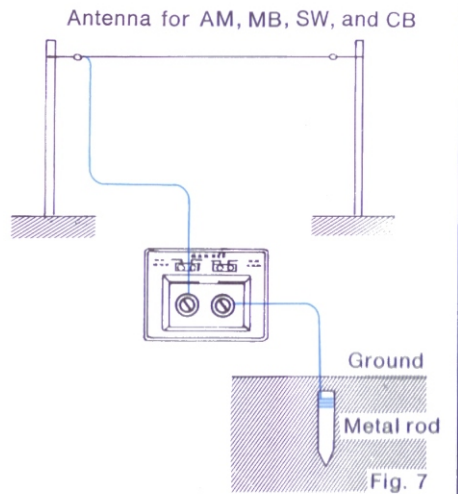
With this convenient antenna, you can obtain best AM and MB reception without moving the set itself. Lift it up and slowly rotate for the strongest signal. Use the Tuning meter to assist in finding the best antenna direction. (See Fig. 6.)

Telescopic Antenna

Functions for FM, SW1, SW2 and CB reception. Extend it fully and position it for the best reception.

External antenna/Ground Terminals

Provided on the rear of the radio for external antenna and ground connections to improve reception.



FM MPX OUT Jack

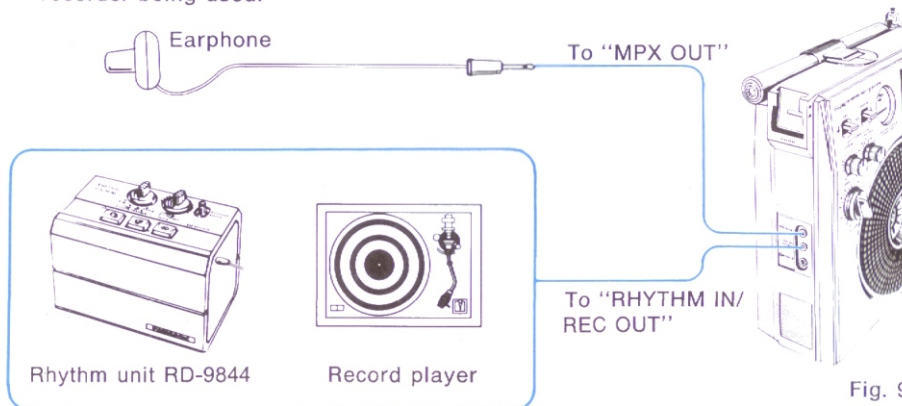
Can be used to connect a stereo adaptor.

RHYTHM IN/REC OUT Jack

- Can be used to connect the Panasonic Rhythm Unit RD-9844 or a record player (with a ceramic cartridge) to the amplifier of the radio.

The Volume and Tone controls can be used to adjust the sound quality. Remember to plug an earphone into the "MPX OUT" jack as well; otherwise the radio will not function as an amplifier. (See Fig. 9.)

- This jack can also be used to record a radio program. Connect a tape recorder with an appropriate connection cord. The sound level at this jack is fixed and therefore the recording level should be adjusted using the controls on the tape recorder being used.



Earphone/External speaker Jack

- When an earphone or external speaker (impedance: 8 ohms) is connected, the built-in speaker is disconnected.
- A convenient earphone storage pocket is provided below the battery compartment

On/Off Timer

- The timer can be set to turn the radio on or off for a pre-determined time up to approximately 120 minutes (2 hours). The timer operates in conjunction with the Power switch on the radio.
- With the Power switch "OFF", set the time to the desired time and the radio will play for approximately the set time.
- With the Power switch "ON", set the time to the desired time and the radio will be off until the set time has elapsed.

DETACHABLE SHOULDER STRAP

To Attach the Shoulder Strap to the Cabinet:

Apply the shoulder strap hooks onto the hook-holder cavities on both sides of the cabinet, and just pull up the strap. (See Fig. 10.)

The hooks will be fixed with a snap. The length of the strap can be adjusted with the buckle.

To Detach the Shoulder Strap from the Cabinet:

Press down hook-releases of the shoulder strap hooks, and the hooks will release. (See Fig. 11.)

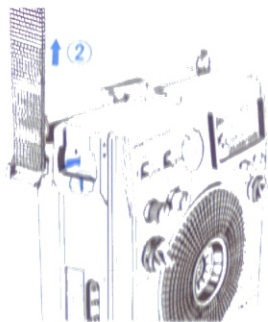


Fig. 10

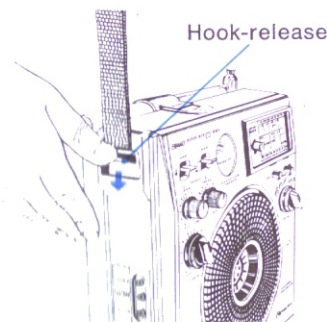


Fig. 11

HELPFUL HINTS

- When operating on AC, never connect the set to an AC outlet of any other than 120 V. Other power sources are extremely dangerous.
- Cuts, scratches and poor connection in the AC power cord may cause fire or electric shock. Avoid unnaturally bending, pulling or slicing the cord.
- Never use wet hands to plug or unplug the power cord. Always hold the plug itself; do not pull on the cord to unplug.
- Avoid placing the set in the wet and humid place. Do not use the AC power source in a bathroom. Do not place the unit in direct sunlight, in tightly closed cars, near heating appliances or near hot air blowers; the cabinet and internal parts may be damaged. Do not insert metal objects into the set.
- Do not use a solution containing benzine, thinner or the like to clean the cabinet. Wipe off dust and stains with a soft cloth moistened with a soap and water solution only.

PRODUCT SERVICE

Should your Panasonic product ever require service, refer to an Authorized Panasonic Servicenter in the enclosed Directory, or consult your authorized Panasonic dealer for detailed instructions.

SERIAL NUMBER

On the label affixed to the reverse of the battery compartment cover.

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