

Your Optimus Portable 5 Band Radio is an all-in-one radio system designed to provide high-quality sound. Its portable design lets you enjoy music, sports, news, and even the audio from TV broadcasts almost anywhere.

Its features include:

Rotary Bass and Treble Controls - let you adjust the sound to suit your tastes.

Sensitive Tuned RF Receiver - lets you receive distant AM stations with good quality reception.

Built-In 5-Inch Speaker
and 1 1/2 Inch Tweeter - provide high quality sound.

Switchable Automatic
Frequency Control (AFC) - ensures drift-free FM reception.

Telescoping Antenna - provides quality FM, TV, or UHF
reception.

Built-In AM Antenna - lets you enjoy great AM reception
anywhere.

External Antenna Terminals - let you connect an external AM, FM, TV
or UHF antenna for even better
reception.

Earphone Jack - lets you connect an earphone so you
can listen without disturbing others.

WARNING: To prevent fire or shock hazard, do not expose this product to
rain or moisture.

CAUTION: To prevent electric shock, one blade on the AC power cord's plug
is wider than the other and the plug only fits one way. If you
cannot easily insert the plug, turn it over and try again. Do
not force it.

You can power your radio from six D batteries (not supplied) or from standard AC power.

USING BATTERIES

You need six D batteries to power the radio. We recommend alkaline batteries, such as RadioShack Cat. No. 23-650/23-750. Follow these steps to install batteries.

1. Remove the battery compartment cover by pushing in the cover's two tabs then pulling the cover in the direction of the arrows.
2. Install six D batteries in the lower level of the compartment, as indicated by the polarity symbols (+ and -) marked inside the battery compartment.
3. Replace the cover.
4. Set AC/DC to DC.

CAUTION: Remove the batteries if you do not plan to power the radio from batteries for a week or more. Old or weak batteries can leak chemicals and damage the radio.

When the sound becomes weak or distorted, replace the old batteries with fresh ones.

USING AC POWER

Follow these steps to operate your radio using AC power.

1. Remove the battery compartment cover by pushing in the cover's two tabs then pulling the cover in the direction of the arrows.
2. Pull out the AC power cord from the upper level of the compartment.
3. Route the power cord through the slot on the battery compartment cover and replace the cover.

4. Set AC/DC to AC.
5. Plug the ac power cord into any standard AC outlet.

NOTE: The radio automatically disconnects internal batteries when you connect the AC power cord.

CONNECTING AN EXTERNAL ANTENNA

FOR BETTER AM RECEPTION:

Your radio has a built-in AM antenna for reception of strong, local broadcasts. For improved reception, you can connect an external AM antenna. Your local RadioShack store has a wide selection of AM antennas.

To connect an external AM antenna to your radio, use a Philips screwdriver to loosen the screw on the external antenna terminal, slide the external antenna's spade lugs underneath the screw head, then tighten the screw.

FOR BETTER FM, TV, OR UHF RECEPTION:

Your radio has a telescoping antenna for FM, TV, and UHF reception.

NOTES:

When you use the telescoping antenna for FM or TV reception, be sure the metal straps are connected.

When you use the telescoping antenna for UHF reception, be sure the metal straps are connected.

For improved reception, you can connect an external antenna. Your local RadioShack store has a wide selection of antennas.

Follow these steps to connect an external FM, TV, or UHF antenna to your radio.

1. Use a Philips screwdriver to loosen the screws on the external antenna terminals.
2. Slide the external antenna's spade lugs underneath the screw heads, then tighten the screws.

NOTE: When you attach both external FM/TV and UHF antennas, be sure

the metal straps are connected as shown.

OPERATING THE RADIO

WARNING: To protect your hearing, turn **VOLUME** to its lowest setting before you turn on the radio.

1. Push in **POWER** to **ON**.
2. Set **FM/AM/TV** to the desired band. If you selected the **TV** band, set **TV BAND** to the desired setting.
3. Rotate the tuning knob to select the desired station.

NOTES:

To precisely tune to a weak **FM** station using automatic frequency control, slide **AFC** to **OFF**. Rotate the tuning knob to select the desired station, then slide **AFC** to **ON** for drift-free reception.

For the best **FM**, **TV**, and **UHF** reception without connecting an external antenna, extend the telescoping antenna to its full length.

For **AM** stations, rotate the radio to the position that provides the best reception.

4. Adjust **TREBLE**, **BASS**, and **VOLUME** for the best sound.
5. To turn off the radio, push **POWER** to **OFF**.

USING AN EARPHONE

For private listening, plug a monaural earphone (not supplied) with a 1/8 inch plug into the **EAR** jack on the right of the radio. This automatically disconnects the built-in speaker.

Your local RadioShack store carries a wide selection of earphones.

LISTENING SAFELY:

To protect your hearing, follow these guidelines when you use an earphone.

Set the volume to the lowest level before you begin listening. After you begin listening, adjust the volume to a comfortable listening level.

Do not listen at extremely high volume levels. Extended high-volume listening can lead to permanent hearing loss.

Once you set the volume, do not increase it. Over time, your ears adapt to the volume level, so a volume level that does not cause discomfort might still damage your hearing.

TRAFFIC SAFETY:

Do not wear an earphone while operating a motor vehicle or riding a bicycle. This can cause a traffic hazard and is illegal in some areas.

Even though some earphones are designed to let you hear outside sounds when listening at normal volume levels, they still present a traffic hazard.

Your Optimus Portable 5 Band Radio is an example of superior design and craftsmanship. The following suggestions will help you care for the radio so you can enjoy it for years.

Keep the radio dry. If it gets wet, wipe it dry immediately. Liquids might contain minerals that can corrode the electronic circuits.

Use and store the radio only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage batteries, and distort or melt plastic parts.

Keep the radio away from dust and dirt, which can cause premature wear of parts.

Handle the radio gently and carefully. Dropping it can damage circuits boards and cases and can cause the radio to work improperly.

Use only fresh batteries of the required size and type. Old batteries can leak chemicals that damage your radio's electronic parts.

Wipe the radio with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the radio.

Modifying or tampering with the radio's internal components can cause a malfunction and might invalidate your radio's warranty and void your FCC authorization to operate it. If your radio is not performing as it should, take it to your local RadioShack store for assistance.

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