

2-WAY RADIO MODEL PR990 VP



User's Guide

Making Life Easier And Safer

Staying in touch with your family and friends is convenient and easy when using your microTALK® radio. Some of the many uses you will discover include:

Communicating with others while hiking, biking, and working; keeping track of family and friends at a crowded public event; checking with travel companions in another car; talking with neighbors; arranging meeting spots with others while shopping at the mall.

For Customer Assistance In Canada or the U.S.A.

In this user's guide, you should find all the information you need to operate your microTALK® radio. If you require further assistance after reading this guide, Cobra® Electronics offers the following customer assistance services:

Automated Help Desk English only.
24 hours a day, 7 days a week 773-889-3087 (phone).
Customer Assistance Operators English and Spanish.
8:00 a.m. to 6:00 p.m. CT, Monday through Friday
(except holidays) 773-889-3087 (phone).
Questions English and Spanish.
Faxes can be received at 773-622-2269 (fax).

Technical Assistance English only.
www.cobra.com (on-line; Frequently Asked Questions),
English and Spanish. productinfo@cobra.com (e-mail).
**For Assistance Outside Canada,
the U.S.A. or in French
Contact Your Local Dealer**

Channel Numbers

While in **Standby** mode or when selecting a channel, shows current channel (1 through 22).

When adjusting the volume, shows current level (1 through 7).

Battery Low Icon

Icon blinks when batteries should be recharged (only rechargeable batteries) or replaced (alkaline batteries).

Low Power Icon

Illuminates when in **Low Power** mode. See "Hi•Low Power Button" for more details.

Lock Icon

Visible when **Lock** button has been engaged.



Talk Button

Press and hold to communicate with others. With the microphone about two (2) inches [five (5) cm] from your mouth, speak in a normal voice.

Release the **Talk** button when you are finished talking and listen for a response. You cannot receive incoming calls while pressing the **Talk** button.

NOTE Both radios must be tuned to the same channel to communicate.

Charger Jack

Charger Jack (also works with external speaker/microphones).

Transmit/Receive Icon

Visible when transmitting or receiving a message.

Power Saver Icon

Your microTALK® radio has a unique circuit designed to extend battery life. If there are no transmissions within ten (10) seconds, the radio will automatically switch to **Power Saver** mode and the **Power Saver** icon will blink. This will not affect the radio's ability to receive incoming transmissions.

On/Off Power Button

Press and hold until you hear a series of audible tones indicating the radio is on.

Lock Button

Locks buttons to prevent accidental channel or settings changes.

Volume Up/Down Button(s)

Backlit LCD Display

Channel Up/Down Button(s)

Hi•Low Power Button

On channels 1 – 7 or 15 – 22, you may select between high power (to extend range) or low power (to save battery life). Channels 8 – 14 are exclusively low power.

Call Button

Press and release to alert others that you are calling.

Light/Max Range Button

Press and release to illuminate the display for ten (10) seconds. Press and hold to allow all signals to be received and extend the maximum range of your radio. To turn off max range extender, press and release the button again or change channels.

Wrist Strap Connector

Antenna

Speaker/Microphone

Belt Clip

Battery Compartment Cover

Battery Door Latch

Batteries and Charger

Remove Belt Clip



Insert Batteries



To Install or Replace Batteries:

1. Remove belt clip by releasing belt clip latch and sliding clip up.
2. Pull down on the battery door latch to remove the battery compartment cover.
3. Insert the supplied four (4) AAA rechargeable batteries (also works with alkaline batteries). Position batteries according to polarity markings.
4. Replace battery compartment cover and belt clip.

Radio Charger Jack



To Charge Batteries in Radio:

1. Check to see that the batteries have been inserted properly. See above for battery installation instructions.
2. Insert round connector of wall charger/adaptor into the charge jack located at the top of the radio. The wall charger/adaptor has two round connectors which enables you to charge either one or two radios at a time.
3. Plug the wall charger/adaptor into electrical outlet.

It normally takes 15 hours to fully recharge batteries. It is not recommended to recharge batteries more than 24 hours. Estimated operation time on a full charge is 8 hours.

Use only the supplied rechargeable batteries and wall charger/adaptor for recharging your Cobra® microTALK® radio. Non-rechargeable alkaline batteries can also be used.

For Products Used in the U.S.A.

FCC Licensing Required

This 2-way radio operates on GMRS (General Mobile Radio Service) frequencies which require an FCC (Federal Communications Commission) license. A user must be licensed prior to operating on channels 1 through 7 or 15 through 22, which comprise the GMRS channels of this radio. Serious penalties could result for unlicensed use of GMRS channels, in violation of FCC rules, as stipulated in the Communication Act's Sections 501 and 502 (amended). Licensed users will be issued a call sign by the FCC, which should be used for station identification when operating this radio. GMRS users should also cooperate by engaging in permissible transmissions only, avoiding channel interference with other GMRS users, and being prudent with the length of their transmission time.

For licensing information and application forms, please call the FCC Hotline at 800-418-FORM. Request form #159 and form #605. Questions regarding the license application should be directed to the FCC at 888-CALL-FCC. Additional information is available on the FCC's website at www.fcc.gov.

Safety Information for microTALK® Radios

Your wireless handheld portable transceiver contains a low power transmitter. When the Talk button is pushed, it sends out radio frequency (RF) signals. The device is authorized to operate at a duty factor not to exceed 50%. In August 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for handheld wireless devices.

Important:

FCC RF Exposure Requirements: For body-worn operation, this radio has been tested and meets the FCC RF exposure guidelines when used with Cobra® accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. Use only the supplied antenna. Unauthorized antennas, modifications, or attachments could damage the transmitter and may violate FCC regulations.

Normal Position:

Hold the transmitter approximately two (2) inches from your face and speak in a normal voice, with the antenna pointed up and away.



This device complies with part 15 of the FCC Rules. Operation is subject to the following two (2) conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Warnings: Replacement or substitution of transistors, regular diodes or other parts of a unique nature, with parts other than those recommended by Cobra® may cause a violation of the technical regulations of part 95 of the FCC rules, or violation of type acceptance requirements of part 2 of the rules.

For Products Used in Canada

Industry Canada Notice

Operation is subject to the following two (2) conditions: 1) this device may not cause interference, and 2) this device must accept any interference, including interference that may cause undesired operation of the device.

«IC» before the equipment certification number signifies that the Industry Canada technical specifications were met. It does not guarantee that the certified product will operate to the user's satisfaction.

Product Service Questions

If you have any questions about operation or installing your new Cobra® product, or if you are missing parts...

Please call Cobra® first DO NOT RETURN THIS PRODUCT TO THE STORE! See customer assistance above.

For Products Purchased in Canada

For out of warranty service, ship prepaid this product to: AVS Technologies Inc., 2100 Trans Canada Hwy S., Montreal, Quebec, H9P 2N4. We reserve the right to repair or replace the radio or charger with equivalent products. Please include the following information: Date of Purchase, Model Number, Dealer Purchased From, Dealer Address, Dealer Phone Number.

For Products Purchased in the U.S.A.

If your product should require factory service, please call Cobra® first before sending your radio, charger or batteries. This will ensure the fastest turn-around time on your repair. You may be asked to send your products to the Cobra® factory. It will be necessary to furnish the following to have the product serviced and returned. 1) For warranty repair include some form of proof-of-purchase, such as a mechanical reproduction or carbon of a sales receipt. If you send the original receipt, it cannot be returned. 2) Send the entire product. 3) Enclose a description of what is happening with the product. Include a typed or clearly printed name and address of where the product is to be returned. 4) Pack product securely to prevent damage in transit. If possible, use the original packing material. 5) Ship prepaid and insured by way of a traceable carrier such as United Parcel Service (UPS) or First Class Mail to avoid loss in transit to: Cobra® Factory Service, Cobra® Electronics Corporation, 6500 West Cortland Street, Chicago, Illinois 60707 U.S.A. 6) If the product is in warranty, upon receipt of your product it will either be repaired or exchanged depending on the model.

Please allow approximately three (3) to four (4) weeks before contacting Cobra® for status. If the product is out of warranty, a letter will automatically be sent informing you of the repair charge or replacement charge. If you have any questions, please call 773-889-3087 for assistance.

For Products Purchased Outside the U.S.A. or Canada

Please contact your local dealer for product service information.

Limited 1-Year Warranty On Radio(s) And Charger

For Products Purchased in Canada

Your new Cobra® GMRS radio and charger are covered by a one (1) year replacement warranty. If any manufacturing defect becomes apparent in these products within one (1) year from the original date of purchase, they will be replaced. Please return the GMRS radio or charger to your dealer with original or copy of dated proof of purchase. This warranty does not cover damages due to careless handling, negligence, accident, abuse or failure to follow operating instructions. Alteration of these products or defacing of the serial number

cancels all obligations of this warranty. This warranty gives you specified legal rights. Additional warranty rights may be provided by law in some areas.

For Products Purchased in the U.S.A.

Cobra® Electronics Corporation warrants that its Cobra® GMRS radios and charger, and the component parts thereof, will be free of defects in workmanship and materials for a period of one (1) year from the date of first consumer purchase. This warranty may be enforced by the first consumer purchaser, provided that the product is utilized within the U.S.A. Cobra® will, without charge, repair or replace, at its option, defective GMRS radios, chargers, products or component parts upon delivery to the Cobra® Factory Service department, accompanied by proof of the date of first consumer purchase, such as a duplicated copy of a sales receipt.

You must pay any initial shipping charges required to ship the product for warranty service, but the return charges will be at Cobra®'s expense, if the product is repaired or replaced under warranty. This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

Exclusions: This limited warranty does not apply:

- 1) To any product damaged by accident;
- 2) In the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs;
- 3) If the serial number has been altered, defaced, or removed;
- 4) If the owner of the product resides outside the U.S.A.

All implied warranties, including warranties of merchantability and fitness for a particular purpose are limited in duration to the length of this warranty. Cobra® shall not be liable for any incidental, consequential or other damages; including, without limitation, damages resulting from loss of use or cost of installation.

Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.

For Products Purchased Outside the U.S.A. or Canada

Please contact your local dealer for warranty information.

90-Day Warranty On Batteries

For Products Purchased in the U.S.A. And Canada

Cobra®, HighGear®, microTALK®, Safety Alert® Traffic Warning System, Nothing comes close to a Cobra® and the snake design are registered trademarks of Cobra Electronics Corporation, USA.

Cobra Electronics Corporation™ and CobraMarine™ are trademarks of Cobra Electronics Corporation, USA.

The Cobra® line of quality products includes:

- CB Radios • microTALK® Radios • Radar/Laser Detectors • Safety Alert® Traffic Warning Systems • Handheld GPS Receivers • Mobile GPS Navigation Systems • HighGear® Accessories • CobraMarine™ VHF Marine Radios • Power Inverters • Accessories

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When adjusting the volume, shows current level (1 through 7).

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Icon blinks when batteries should be recharged (only rechargeable batteries) or replaced (alkaline batteries).

Low Power Icon

Illuminates when in **Low Power** mode. See "Hi•Low Power Button" for more details.

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Visible when **Lock** button has been engaged.



Talk Button

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On/Off Power Button

Press and hold until you hear a series of audible tones indicating the radio is on.

Lock Button

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Volume Up/Down Button(s)

Backlit LCD Display

Channel Up/Down Button(s)

Hi•Low Power Button

On channels 1 – 7 or 15 – 22, you may select between high power (to extend range) or low power (to save battery life). Channels 8 – 14 are exclusively low power.

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Wrist Strap Connector

Antenna

Speaker/Microphone

Belt Clip

Battery Compartment Cover

Battery Door Latch

Batteries and Charger

Remove Belt Clip



To Install or Replace Batteries:

1. Remove belt clip by releasing belt clip latch and sliding clip up.
2. Pull down on the battery door latch to remove the battery compartment cover.
3. Insert the supplied four (4) AAA rechargeable batteries (also works with alkaline batteries). Position batteries according to polarity markings.
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To Charge Batteries in Radio:

1. Check to see that the batteries have been inserted properly. See above for battery installation instructions.
2. Insert round connector of wall charger/adaptor into the charge jack located at the top of the radio. The wall charger/adaptor has two round connectors which enables you to charge either one or two radios at a time.
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For Products Used in Canada

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«iC» before the equipment certification number signifies that the Industry Canada technical specifications were met. It does not guarantee that the certified product will operate to the user's satisfaction.

Product Service Questions

If you have any questions about operation or installing your new Cobra® product, or if you are missing parts...

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For Products Purchased in Canada

For out of warranty service, ship prepaid this product to: AVS Technologies Inc., 2100 Trans Canada Hwy S., Montreal, Quebec, H9P 2N4. We reserve the right to repair or replace the radio or charger with equivalent products. Please include the following information: Date of Purchase, Model Number, Dealer Purchased From, Dealer Address, Dealer Phone Number.

For Products Purchased in the U.S.A.

If your product should require factory service, please call Cobra® first before sending your radio, charger or batteries. This will ensure the fastest turn-around time on your repair. You may be asked to send your products to the Cobra® factory. It will be necessary to furnish the following to have the product serviced and returned. 1) For warranty repair include some form of proof-of-purchase, such as a mechanical reproduction or carbon of a sales receipt. If you send the original receipt, it cannot be returned. 2) Send the entire product. 3) Enclose a description of what is happening with the product. Include a typed or clearly printed name and address of where the product is to be returned. 4) Pack product securely to prevent damage in transit. If possible, use the original packing material. 5) Ship prepaid and insured by way of a traceable carrier such as United Parcel Service (UPS) or First Class Mail to avoid loss in transit to: Cobra® Factory Service, Cobra® Electronics Corporation, 6500 West Cortland Street, Chicago, Illinois 60707 U.S.A. 6) If the product is in warranty, upon receipt of your product it will either be repaired or exchanged depending on the model.

Please allow approximately three (3) to four (4) weeks before contacting Cobra® for status. If the product is out of warranty, a letter will automatically be sent informing you of the repair charge or replacement charge. If you have any questions, please call 773-889-3087 for assistance.

For Products Purchased Outside the U.S.A. or Canada

Please contact your local dealer for product service information.

Limited 1-Year Warranty On Radio(s) And Charger

For Products Purchased in Canada

Your new Cobra® GMRS radio and charger are covered by a one (1) year replacement warranty. If any manufacturing defect becomes apparent in these products within one (1) year from the original date of purchase, they will be replaced. Please return the GMRS radio or charger to your dealer with original or copy of dated proof of purchase. This warranty does not cover damages due to careless handling, negligence, accident, abuse or failure to follow operating instructions. Alteration of these products or defacing of the serial number

cancels all obligations of this warranty. This warranty gives you specified legal rights. Additional warranty rights may be provided by law in some areas.

For Products Purchased in the U.S.A.

Cobra® Electronics Corporation warrants that its Cobra® GMRS radios and charger, and the component parts thereof, will be free of defects in workmanship and materials for a period of one (1) year from the date of first consumer purchase. This warranty may be enforced by the first consumer purchaser, provided that the product is utilized within the U.S.A. Cobra® will, without charge, repair or replace, at its option, defective GMRS radios, chargers, products or component parts upon delivery to the Cobra® Factory Service department, accompanied by proof of the date of first consumer purchase, such as a duplicated copy of a sales receipt.

You must pay any initial shipping charges required to ship the product for warranty service, but the return charges will be at Cobra®'s expense, if the product is repaired or replaced under warranty. This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

Exclusions: This limited warranty does not apply:

1) To any product damaged by accident; 2) In the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs; 3) If the serial number has been altered, defaced, or removed; 4) If the owner of the product resides outside the U.S.A.

All implied warranties, including warranties of merchantability and fitness for a particular purpose are limited in duration to the length of this warranty. Cobra® shall not be liable for any incidental, consequential or other damages; including, without limitation, damages resulting from loss of use or cost of installation.

Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.

For Products Purchased Outside the U.S.A. or Canada

Please contact your local dealer for warranty information.

90-Day Warranty On Batteries

For Products Purchased in the U.S.A. And Canada

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