



MOTOROLA

Motorola CDR500 and CDR700 Repeaters

The Smart Way to Extend Your Two-Way



intelligence  everywhere™

Motorola Two-Way Radios— Quality You Can Count On

Smart professionals in every business know that reliable communication is essential to success. Whether you're in the office or on the road, you need fast, dependable access to the right people and information so you can get the job done. And that's exactly what two-way radio delivers.

Efficient two-way radio lets you talk with one, ten, or one hundred people at the touch of a button—without costly airtime charges. Two-way radio provides the individual and team contact you need to maximize productivity and meet your customers' demands—the first time and every time.

CDR500 and CDR700 Repeaters: Taking Your Business Communication the Extra Mile

As your business grows and changes, your communication requirements expand as well—requiring quicker, more flexible communication tools that can go as far and fast as you do. The Motorola CDR500 and CDR700 repeaters provide the perfect solution. By making it easy to extend your two-way system to accommodate longer distances, these repeaters let you widen the reach of your radios as you broaden your customer base.

Unique Versatility and Power

Both the Motorola CDR500 and CDR700 repeaters offer extensive functionality and power to help you increase the calling range and capabilities of your mobile or portable radios—so you can enhance on-the-job efficiency. By receiving and resending radio transmissions these powerful repeaters help you extend your communication range and maintain clear sound quality. Available in lowband, UHF, and VHF frequencies, the Motorola CDR500 and CDR700 repeaters suit a wide variety of applications and can be easily integrated with your existing infrastructure.





Exceptional Benefits

The Motorola CDR500 and CDR700 repeaters delivers valuable benefits, including:

- **Remarkable flexibility** that allows you to choose the frequency and power levels best for your business—or combine two frequencies to create a bidirectional or crossband repeater.
- **The Motorola CDR500 offers a variety of mounting options** to suit your location and usage needs. It can be installed in a 19" rack or mounted on the wall with a handy, lockable wall mount.
- **The Motorola CDR500 desktop model offers sleek, compact design** that complements any office décor—and allows quick and easy access for system adjustments.
- **Reliable, cost-effective 15A continuous duty power supply** that allows selection of either thermal-controlled or continuous operation of the fan for quiet performance and enhanced efficiency on the Motorola CDR700 model.

Don't wait to take your business communication to the next level. Call your Motorola representative today to ask about the Motorola CDR500 and CDR700 repeaters. It's the smart way to extend your two-way.



CDR700



CDR500

Motorola—A Name You Know and Trust

For more than 65 years, Motorola has been a leader in creating state-of-the-art wireless communication for people like you—and the Motorola CDR500 and CDR700 repeaters uphold that superior standard. Each Motorola component is backed by a limited two-year* warranty on parts and labor. So when you select the Motorola CDR500 and CDR700 repeaters, you'll experience the same exceptional quality and service you've come to expect from all Motorola products.

* Motorola Original radio accessories are covered by Motorola's one-year accessories warranty.

Flexibility

The Motorola Original Accessories available for your Motorola CDR500 and CDR700 repeaters help you expand and customize your system to meet your business needs.

Controllers offer you a range of options to accommodate your market and application requirements. A unidirectional configuration provides added range for radios on widespread worksites. A bidirectional configuration can temporarily join two separate groups during critical situations. Unidirectional crossband provides the capability to monitor frequencies such as weather or road condition channels, and bidirectional crossband can temporarily join two groups that normally operate on different frequency bands.

Duplexers let you use just one antenna for both transmitting and receiving signals. The use of a duplexer is more cost effective than two antennas and feed lines, and can better equalize the transmit and receive ranges to improve radio communications.

Mounting Accessories are available for the Motorola CDR500 such as a mounting plate which allows the repeater to be installed in a 19" rack. For wall-mounting, an optional mounting plate is also available.

Battery Revert Module is available for the Motorola CDR700 (standard in the Motorola CDR500).

Antennas are available to offer you flexibility in size and calling range.

Radio Accessories, including a compact desktop microphone, are available for dispatch applications. External speakers are available for use in noisy environments.



For more information, please contact:

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CDR500 and CDR700 Specifications

Frequency Range	Radio Dependant
Dimensions	(H x W x D)
CDR500	7.5" x 17.5" x 13.5" (191 mm x 445 mm x 343 mm)
CDR700	12.2" x 8.3" x 12.5" (310 mm x 211 mm x 318 mm)
Weight	
CDR500	47 lbs. (21.3 kg)
CDR700	28.3 lbs. (12.8 kg)
Duty Cycle	Continuous Low Power 25W (to duplexer) Intermittent High Power 40/45W (to duplexer)
Power Supply	
Primary	115/230 50-60 Hz
Input Voltage	Standard U.S. Three Prong Plug

(Specifications are subject to change without notice)



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