



RCA
Communications Systems



BR250 SERIES

BR250 UHF

BR250 VHF

Durable & Compact
Professional Two-Way Radios

WORKS WITH YOUR CURRENT RADIOS!

RCA's BR250 provides reliable communication at a price that can't be beat. The BR250 is a powerful commercial radio that can cover multiple floors in a multistory building and/or long distances in open areas.

The BR250 uses a lightweight lithium battery that will last over 12 hours on a single charge and it has 16 separate channels so you can assign channels to specific departments or groups. Noisy environments are no problem due to large 800mW speaker and it's XSound™ enhanced audio technology.

The BR250 meets the Military Specs (MIL-STD-810C/D/E/F) for durability, shock, extreme temperatures, vibration, dust, moisture and comes standard with a 3 year platinum warranty.

BR250 FEATURES

GUARANTEED Compatibility with your existing two-way radios, regardless of the brand and model.

4W UHF or 5W VHF delivering reliable communications range that can cover multiple floors in a multistory building and/or long distances in open areas.

16 Channels giving you the option to designate channels to specific departments or groups.

Lightweight, High Capacity Battery 2000mAh that will last over 12 hours on a single charge.

Durable and Reliable the BR250 meets Military Specs (MIL-STD-810C/D/E/F) for durability, shock, extreme temperatures, vibration, dust, and moisture.

Compact and Lightweight Size makes it easy to use and comfortable to carry around all day.

X-Sound™ Enhanced Audio delivering crisp and loud voice transmissions even in noisy environments.

Advanced Digital Coded Squelch prevents unwanted conversations on the same frequency.

Repeater Mode allows for the radio to be used in conjunction with repeaters for extending the communication coverage area.

Channel Scanning feature allowing the radio to continuously scan pre-selected channels for activity. When activity is detected, the radio automatically stops on the channel so you can hear and respond to the transmission.



Channel Monitor enables users to monitor channel activity.

Busy Channel Lockout prevents users from transmitting on a channel with an ongoing transmission until the current transmission has been completed.

Voice Operated Transmit (VOX) enables a hands-free radio operation when using optional VOX capable audio accessories.

Battery Save Mode automatically reduces battery consumption when there is no radio activity for an extended period of time.

3 Year Platinum Warranty – Industry leading, hassle free warranty.



BR250 SPECIFICATIONS

GENERAL SPECIFICATIONS	
Frequency Range (UHF / VHF)	UHF: 400-420 MHz, 440-470 MHz, 450-470 MHz, 470-490 MHz VHF: 136-174 MHz
Channel Capacity	16
Channel Spacing	25/12.5 KHz
Operating Voltage	7.5V
Battery	2000mAh Lithium-Ion
Battery Life (5-5-90 Duty Cycle)	Up to 12 hours
Frequency Stability	±2.5ppm
Operating Temperature	-20°C~+50°C
Size: HxWxD (with battery, without antenna)	4.9" x 2.2" x 1.3" 117mm x 54mm x 31mm
Weight (with antenna & battery)	11.5 oz (326 g)
RF Power Output (UHF / VHF)	UHF: 4W/2W / VHF: 5W/2W
Modulation	F3E
Spurious and Harmonics	-36dBm < 1GHz / -30dBm > 1GHz
FM Noise	45/34dB
Audio Distortion	≤5%
Sensitivity	0.25/0.28μV
Selectivity	70/60dB
Intermodulation	≥60dB
Spurious Response Rejection	≥70dB
S/N	45/40dB
Rated Audio Power Output	800mW
Rated Audio Distortion	≤5%

Specifications are tested according to TIA / EIA-603 and subject to change without notice due to continuous development.



For more information, visit www.RCACommunicationsSystems.com

RCA ACCESSORIES & OPTIONS



Stubby Antenna
ANH250U-3 – UHF
ANH250V-3 – VHF



**Multi-Unit
Rapid-Rate Charger**
CH250R6



**Medium Duty,
Remote Speaker
Microphone**
SM220-X03S



**Heavy Duty, Remote
Speaker Microphone**
SM310-X03S



**Two Wire, In-Ear
Surveillance Kit**
SK22NE-X03S



**One Wire, Ear-Hook
Surveillance Kit**
SK11EH-X03S



**Lightweight
Over-the-Head Headset
with In-line PTT**
HS21V-X03S



**Heavy Duty,
Over-the-Head
Headset**
HS61NR-X03S



**Heavy Duty,
Behind-the-Head
Headset**
HS71NR-X03S



**Nylon Holster
(Fixed or Swivel Clip)**
HN250FC/SC/FL/SL



**Leather Holster
(Fixed or Swivel Clip)**
HL250FC/SC/FL/SL



Waterproof Bag
HNWATPROOF

For details on these and other RCA accessories, visit www.RCACommunicationsSystems.com.



For more information, visit
www.RCACommunicationsSystems.com

© 2015 RCA Communications Systems. All rights reserved.

Authorized North American Dealer:

Discount Two-Way Radio

1430 240th St., Harbor City, CA 90710
Toll Free: (844) 438-3897 | Fax: (877) 291-9565
info@dtwr.com
www.DiscountTwo-WayRadio.com