



**RCA**  
Communications Systems



# **BR200 SERIES**

## **BR200 UHF**

## **BR200 VHF**

**Professional  
Business Two-Way Radios**

## WORKS WITH YOUR CURRENT RADIOS!

### Rugged, Powerful, Affordable Commercial Portable Two-Way Radio

RCA's BR200 is a rugged, affordable radio that will help you stay in touch without breaking your budget. This small but powerful radio has 4 watts UHF or 5 watts VHF of power providing optimum coverage range. The BR200 has a wide variety of features that will enable you to communicate effectively and efficiently with your staff. Guaranteed compatibility with all major brands, such as Motorola, Kenwood, Icom or Vertex!

## BR200 FEATURES

**On/Off and Audio** – XSound™ Enhanced Audio Clarity produces clear, crisp audio that's 50% louder than Motorola's CP20

**16 Channels** plenty of choices for specific departments or groups.

**1700mAh Li-Ion Battery Standard** - lasts up to approximately 14 hours.

**Programmable Top Emergency Button** - alarm button sounds emergency signal. Button can be programmed to transmit voice and/or radio identity or other options.

**Two Programmable Side Buttons** - places your favorite features at your fingertips.

**Two Prong Right Angle Connector** - compatible with Motorola accessories.

**Signaling** – 2-Tone, 5-Tone, DTMF Encode/Decode and MDC1200 Encode: PTT ID (identifies outbound calls), Individual/Group Call (receive/place calls from specific individuals or groups), Call Alert (tone indicates new inbound call), and Alarm (sounds alarm or notifies system administrator of emergency).

**Voice Annunciation** - announces channel number when channel is changed.

**Voice Recording** - records and stores messages up to 60 seconds.

**Radio Stun/Kill/Revive** -- allows the radio administrator to disable radio if it is lost or stolen.

**Durable and Reliable** the BR200 meets Military Specs (MIL-STD-810F) for durability, shock, extreme temperatures, vibration, dust, and moisture.

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

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



- ① Radio On-Off/Volume Control Knob
- ② Channel Selector Knob
- ③ Programmable Emergency Button
- ④ PTT (Push-to-Talk) key
- ⑤ SK1 Button (programmable)  
SK2 Button (programmable)
- ⑥ Speaker
- ⑦ Microphone
- ⑧ Screw On Belt Clip
- ⑨ Battery





## BR250 SPECIFICATIONS

GENERAL			
<b>Frequency Bands</b>	136 - 174 MHz (VHF "V"); 400 - 480 MHz (UHF "U"); 450 - 520 MHz (UHF "U2")		
<b>Dimensions H x W x D</b>	4.5" x 2.1" x 1.3" / 113 x 54 x 33.5mm		
<b>Weight</b>	9.5 ounces (270g) with 1700 mAh battery		
<b>Battery</b>	Li-ion 1700 mAh. Optional 2000 mAh		
<b>Battery Life</b>	Approx. 14 hours, high transmit power 1700 mAh battery, 90:5:5 duty cycle		
<b>Channels</b>	16		
<b>Channel Stability</b>	<2.5 ppm		
<b>Environmental Protection</b>	IP65 (Water Resistant/Dust Proof)		
Environmental Standards	MIL-STD-810 F	Method	Procedure
	Low Pressure	500.4	I, II
	High Temperature	501.4	I, II
	Low Temperature	502.4	I, II
	Temperature Shock	503.4	I
	Solar Radiation	505.4	I
	Rain Blowing/Drip	506.4	I, III
	Humidity	507.4	-
	Salt Fog	509.4	-
	Dust Blowing	510.4	I
Vibration	514.5	I	
Shock	516.5	I, IV	
<b>Operating Temperature</b>	-22°F (-30°C) ~ 140°F (60°C)		

TRANSMITTER SPECIFICATION	
<b>Power Output</b>	1 W, 2 W, 4/5 W; 3 programmable levels
<b>Audio Distortion</b>	<3%
<b>Audio Frequency Response</b>	+1 dB to -3 dB @ 300 to 3000 Hz
<b>Hum and Noise</b>	45 dB / -40dB (25 kHz)
RECEIVER SPECIFICATION	
<b>Sensitivity</b>	(12 dB SINAD)EIA - 0.28 μV @12.5 KHz (20 dB SINAD)ETS - 0.50 μV
<b>Selectivity</b>	60 dB (12.5kHz); 70 dB (20/25 kHz)
<b>Intermodulation</b>	70 dB
<b>Audio Frequency Response</b>	+1 dB to -3 dB @ 300 to 3000 Hz
<b>Audio Output</b>	1,000 mW @ 3% distortion
RADIO INCLUDES	
<ul style="list-style-type: none"> <li>• 2-Tone, 5-Tone, DTMF &amp; MDC 1200 Signaling</li> <li>• Voice Recorder</li> <li>• Voice Annunciation</li> <li>• Emergency Alarm</li> <li>• Password Protection</li> </ul>	

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

**digital**  
CODED SQUELCH

**3** YEAR  
WARRANTY  
PROTECTION PROGRAM

**X** SOUND™  
Enhanced Audio Clarity

For more information, visit [www.RCACommunicationsSystems.com](http://www.RCACommunicationsSystems.com)

# RCA ACCESSORIES & OPTIONS



**Nylon & Leather  
Holsters**

HN200FC/SC/FL/SL  
HN200FC/SC/FL/SL



**Heavy Duty, Remote  
Speaker Microphone**

SM310-X03



**Medium Duty,  
Remote Speaker Mic**

SM220-X03



**One Wire, In-Ear  
Surveillance Kit**

SK11NE-X03



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

SK21NE-X03



**One Wire, D-Loop  
Surveillance Kit**

SK11DL-X03



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

SK11EH-X03



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

HS21V-X03



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

HS71NR



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

HS61NR



**Stubby Antenna**

ANH250U-3 – UHF  
ANH250V-3 – VHF



**Multi-Unit  
Rapid-Rate Charger**

CHU6

For details on these and other RCA accessories, visit [www.RCACommunicationsSystems.com](http://www.RCACommunicationsSystems.com).



For more information, visit  
[www.RCACommunicationsSystems.com](http://www.RCACommunicationsSystems.com)

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