

## Professional Two-Way 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 CP200.
- ❑ **16 Channels** - plenty of choices for specific departments or groups.
- ❑ **1700mAh Li-Ion Battery Standard** - lasts 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.

#### Additional Features:

- Repeater Operation Capable
- Voice Annunciation
- Voice Scrambler
- Battery Strength Indicator
- Monitor
- Auto Battery Save Mode
- Low Battery Alert
- Busy Channel Lockout (BCL)
- Time-out-timer (TOT)
- CTSS/DCS Encode/Decode
- 2-Tone, 5-Tone, MDC1200 Signalling
- DTMF Encoding & Paging
- PTT ID
- Emergency Alarm
- Lone Worker



## BR200 Specifications

### Accessories



**Nylon & Leather Holsters**  
HN200FC/SC/FL/SL  
HL200FC/SC/FL/SL



**Heavy Duty Remote Speaker Mic**  
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**  
ANH200U-3 – UHF  
ANH200V-3 – VHF



**Multi-Unit Rapid-Rate Charger**  
CHU6

GENERAL			
<b>Frequency Bands</b>	136 - 174 MHz (VHF "V"); 400 - 470 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

- 2-Tone, 5-Tone, DTMF & MDC1200 Signaling
- Voice Recorder
- Voice Annunciation
- Emergency Alarm
- Password Protection