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 – XSoundTM 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 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.

2 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

BR200 SPECIFICATIONS

GENERAL			
Frequency Bands	136 - 174 MHz (VHF “V”); 400 - 480 MHz (UHF “U”); 450 - 520 MHz (UHF “U2”)		
Dimensions H x W x D	4.5” x 2.1” x 1.3” / 113 x 54 x 33.5mm		
Weight	9.5 ounces (270g) with 1700 mAh battery		
Battery	Li-ion 1700 mAh. Optional 2000 mAh		
Battery Life	Approx.14 hours, high transmit power 1700 mAh battery, 90:5:5 duty cycle		
Channels	16		
Channel Stability	<2.5 ppm		
Environmental Protection	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
Operating Temperature	-22°F (-30°C) ~ 140°F (60°C)		

TRANSMITTER SPECIFICATION	
Power Output	1 W, 2 W, 4/5 W; 3 programmable levels
Audio Distortion	<3%
Audio Frequency Response	+1 dB to -3 dB @ 300 to 3000 Hz
Hum and Noise	45 dB / -40dB (25 kHz)
RECEIVER SPECIFICATION	
Sensitivity	(12 dB SINAD)EIA - 0.28 µV @12.5 KHz (20 dB SINAD)ETS - 0.50 µV
Selectivity	60 dB (12.5kHz); 70 dB (20/25 kHz)
Intermodulation	70 dB
Audio Frequency Response	+1 dB to -3 dB @ 300 to 3000 Hz
Audio Output	1,000 mW @ 3% distortion
RADIO INCLUDES	
• 2-Tone, 5-Tone, DTMF & MDC1200 Signaling • Voice Recorder • Voice Annunciation • Emergency Alarm • Password Protection	

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

digital CODED SQUELCH

2 YEAR WARRANTY PROTECTION PROGRAM

Xsound™ Enhanced Audio Clarity

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.

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