RCA
Communications Systems

BR200™

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!

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 Encodeing & Paging
- PTT ID
- Emergency Alarm
- Lone Worker

3 YEAR WARRANTY
PROTECTION PROGRAM

digital
CODED SQUELCH™

XSound™
Enhanced Audio Clarity

www.allcan.com

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

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