

Professional Two-Way Radios



BR200™

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



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 | | | |
|---------------------------------|--|--------|-----------|
| 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 | IP55 (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 | |

Authorized Dealer:

ADVANCED RADIO SYSTEMS
8726 NW 26th Street Unit 6
Doral, FL. 33172