

BC200V/BC200U

Compact VHF/UHF Analog Portable Radios

The Thin Edge

Slim, thin and light. The BearCom BC200V (VHF) and BC200U (UHF) portable radios are easy to handle and easy to operate. This highly compact radio is extremely reliable, meeting the famously tough Military Standard 810 C/D/E/F/G specifications and IP54 rating for dust/water intrusion. It provides outstanding and reliable communications for customer service businesses, inventory management operations, and more.



Thin & Lightweight

Thinner and lighter – the BearCom BC200V and BC200U are ideal for hooking on a belt or even slipping into a coat pocket. The slim design fits neatly in your hand and it weighs only 7.8 ounces with the Li-Ion battery.

16 Channels with Scan Function

This compact, user-friendly portable offers a total of 16 channels, and each can be assigned a Quiet Talk (QT) and Digital Quiet Talk (DQT) tone key to eliminate unwanted signals. You can also assign the 16th channel to the scan function. This added convenience means that the programmable key is freed up for some other function.

Programmable Function Key with Hold

The side PF key can be programmed for enhanced operating ease, while the adjustable Hold feature doubles the number of functions at your fingertips.

All-in-One Package

The BearCom BC200V and BC200U radios are ready for use immediately after purchase. They come with all necessary accessories, including a charger, battery pack and antenna. A handy belt clip is also provided. There is no need to buy extra accessories for normal operation.

Robust & Reliable

The BC200V and BC200U are built to survive hard knocks, drops and all-weather environments. They meet or exceed the stringent IP54 dust and water intrusion standards as well as the MIL-STD 810 C, D, E, F & G environmental standards.

OTHER FEATURES

- Output Power 5W (VHF) / 4W (UHF)
- QT / DQT
- DTMF Enc. (PTT ID, Autodial)
- Priority Scan
- Windows® Programming and Tuning
- Narrow Channel Bandwidth
- VOX Ready
- Battery-Saver
- Busy Channel Lockout
- Time-Out-Timer
- Low-Battery Alert
- Tri-Color LED
- Wired Clone
- 2-Year Warranty

Excellent For:

Hospitality, Hotels/Motels, Restaurants, Retail, Schools, or any enterprise that needs to communicate with an affordable, simple to operate Push-to-Talk device.



Specifications

Model	BC200V VHF	BC200U UHF
GENERAL		
Frequency Range		
Type 1	136 - 174 MHz	440 - 480 MHz
Type 2	-	400 - 430 MHz
Number of Channels	16 channels	
Channel Spacing	12.5 kHz	
Channel Step	5, 6.25 kHz	
Operating Voltage	7.5 V DC \pm 20 %	
Battery Life (5-5-90 duty cycle, save off) with KNB-65L	Approx. 13 hours	
Operating Temperature	-20°C ~ +60°C	
Frequency Stability	5 ppm	2.5 ppm
Antenna Impedance	50 Ω	
Channel Frequency Spread	38 MHz	40 MHz
Dimensions (W x H x D), Projections not Included		
Radio only	54 x 113 x 14 mm	
with KNB-65L	54 x 113 x 25 mm	
Weight (net)		
Body only	Approx. 130 g	
with KNB-65L	Approx. 222 g	
FCC ID		
Type 1	ALH437200	ALH437300
Type 2	-	ALH437301

Model	BC200V VHF	BC200U UHF
RECEIVER (Measurements made per TIA/EIA-603)		
Sensitivity (12 dB SINAD)		
Wide / Narrow	0.25 μ V / 0.28 μ V	
Selectivity		
Wide / Narrow	70 dB / 60 dB	
Intermodulation Distortion		
Wide / Narrow	65 dB / 60 dB	
Spurious Response	65 dB	60 dB
Audio Distortion	Less than 5 %	
Audio Output	500 mW / 8 Ω	
TRANSMITTER (Measurements made per TIA/EIA-603)		
RF Power Output (High / Low)	5 W / 1 W	4 W / 1 W
Spurious Response	65 dB	
Modulation		
Wide / Narrow	16K0F3E / 11K0F3E	
FM Hum & Noise		
Wide / Narrow	45 dB / 40 dB	
Audio Distortion	Less than 5 %	

Measurements made per TIA/EIA 603 and specifications shown are typical.

Specifications are subject to change without notice, due to advancements in technology.

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Applicable MIL-STD & IP

Standard	MIL 810C Methods/Procedures	MIL 810D Methods/Procedures	MIL 810E Methods/Procedures	MIL 810F Methods/Procedures	MIL 810G Methods/Procedures
Low Pressure	500.1/Procedure I	500.2/Procedure I, II	500.3/Procedure I, II	500.4/Procedure I, II	500.5/Procedure I, II
High Temperature	501.1/Procedure I, II	501.2/Procedure I, II	501.3/Procedure I, II	501.4/Procedure I, II	501.5/Procedure I, II
Low Temperature	502.1/Procedure I	502.2/Procedure I	502.3/Procedure I, II	502.4/Procedure I, II	502.5/Procedure I, II
Temperature Shock	503.1/Procedure I	503.2/Procedure I	503.3/Procedure I	503.4/Procedure I, II	503.5/Procedure I
Solar Radiation	505.1/Procedure I	505.2/Procedure I	505.3/Procedure I	505.4/Procedure I	505.5/Procedure I
Rain	506.1/Procedure I, II	506.2/Procedure I, II	506.3/Procedure I, II	506.4/Procedure I, III	506.5/Procedure I, III
Humidity	507.1/Procedure I, II	507.2/Procedure II, III	507.3/Procedure II, III	507.4	507.5/Procedure II
Salt Fog	509.1/Procedure I	509.2/Procedure I	509.3/Procedure I	509.4	509.5
Dust	510.1/Procedure I	510.2/Procedure I	510.3/Procedure I	510.4/Procedure I, III	510.5/Procedure I
Vibration	514.2/Procedure VIII, X	514.3/Procedure I	514.4/Procedure I	514.5/Procedure I	514.6/Procedure I
Shock	516.2/Procedure I, II, V	516.3/Procedure I, IV	516.4/Procedure I, IV	516.5/Procedure I, IV	516.6/Procedure I, IV
International Protection Standard					
Dust & Water Protection	IP54				

To meet MIL810 and IP54, the 2-pin connector cover has to be connected.

ACCESSORIES INCLUDED:

- Li-Ion 1520 mAH Battery (KNB-65L)
- Fast Charger (KSC-35SK)
- Belt Clip (KBH-10)
- Antenna VHF Helical (KRA-26M)
- or
- Antenna UHF Stubby (KRA-42M)
- Also Includes: Owner's Manual



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