

BC-Mini

Pocket-Sized UHF Analog Portable Radio

Affordable Communication Device Increases Team Efficiency and Safety

The BearCom BC-Mini is a UHF two-way radio that provides 1.5 watts of transmit power, 4 channels, and up to 15 hours of operation on a single charge. At only 3.9 ounces, this small yet powerful radio is lightweight and simple to operate. Durable design meets or exceeds Military Standard 810 C/D/E/F/G with an IP54 rating for dust/water resistance.

Connect to the standard micro USB port to charge, or use the charging cup included. Compatible with standard headsets that plug into the 3.5 mm audio jack for hands-free and discreet operation. Versatile, strong, and small – the BearCom BC-Mini is built business-tough.



GENERAL FEATURES

- 1.5 Watts Transmit Power
- 4 Channels
- Anti-Squelch Feature
- Super Lock (Manager Key Lock)
- Scan Function
- 2 Programmable Keys
- Enhanced Audio
- Micro USB Port
- VOX Ready
- Voice Announcement
- Bell Tone Alert
- LED Battery Status Indicator
- IP54 & MIL-STD 810 C/D/E/F/G
- Battery Saver
- Time Out Timer
- Monitor
- Wireless Clone
- 2-Year Warranty



Excellent For:
Hospitality, Hotels/Motels,
Restaurants, Retail, or any
service-intensive business
that needs to communicate
with an extremely affordable,
ultra-compact, and easy-to-
operate Push-to-Talk device.

Operating Conditions Range	
Open areas without obstructions	Up to 5 miles (8 km)
Residential areas (near buildings)	Up to 1.5 miles (2.4 km)
In steel and/or concrete reinforced buildings	Up to 225,000 sq.ft (20,900 sq.m)
In high-rise buildings	Up to 17 floors

Note: Talk range varies based on terrain and conditions.

Fits Easily Into A Pocket!
Shown at Actual Size:
1.8" W x 3.3" H x 0.8" D

Specifications

Model	BC-Mini
GENERAL	
Frequency Range	451-470 MHz
BRS	Preset 99 Channels
Number of Channels	4
Channel Spacing	
(FCC Narrow Compliant)	12.5 kHz
Channel Step	5, 6.25 kHz
Operating Voltage	3.8V DC±10%
Battery Life (5-5-90 duty cycle)	
with KNB-71L (1,430mAh)	Approx. 11 hours (Battery saver off) Approx. 15 hours (Battery saver on)
Operating Temperature Range*	-14°F ~ +140°F (-10°C ~ +60°C)
Frequency Stability	±2.5ppm (-14°F ~ +140°F)
Antenna Impedance	50 Ω
Dimensions (W x H x D), Projections not Included	
Radio with KNB-71L	1.8 x 3.3 x 0.8 in. (46.0 x 85.0 x 21.0 mm)
Weight (net)	
Radio with KNB-71L	3.9 oz. (110 g)
FCC ID	ALH460300
FCC Compliance	Part 90

*Based upon 5% transmit, 5% receive and 90% standby (standard duty cycle)

Model	BC-Mini
RECEIVER (Measurements made per TIA/EIA-603)	
Sensitivity (12dB SINAD)	
Narrow	0.22 μV
Selectivity	
Narrow	60 dB
Intermodulation Distortion	
Narrow	50 dB
Audio Output	300 mW with less than 5% distortion
TRANSMITTER (Measurements made per TIA/EIA-603)	
RF Output Power	
High	1.5 W (ERP)
Low	0.5 W (ERP)
Spurious Response	55 dB
Modulation	
Narrow	11KØF3E
FM HUM & Noise	
Narrow	50 dB
Audio Distortion	Less than 5%

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

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, II	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				

ACCESSORIES INCLUDED:

- Li-Ion 1430 mAh Battery (KNB-71L)
- Fast Charger (KSC-44)
- Belt Clip (KBH-20)

Also Includes: Built-in Antenna and Owner's Manual



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