

BC1000

A BearCom Exclusive! Compact, Waterproof Analog Two-Way Radio

VHF and UHF Models

- BC1000V model operates on 16 VHF channels with up to 5 watts of power and 136-174 MHz frequency
- BC1000U model operates on 16 UHF channels with up to 4 watts of power and 450-512 MHz frequency

The BC1000 - Perfect For:

- Schools and Campuses
- Construction Sites
- Theme Parks/Indoor and Outdoor Facilities
- Manufacturing
- And, more

Super Features:

- Channels: 16
- Power: 5W (VHF), 4W (UHF)
- Size, weight: 4.4"H x 2.06"W x .96"D, 8.4 oz.
- IP Waterproof rating: IP67
- 800mW loud and clear audio – easy to hear
- Built-in motion sensor
- Built-in signaling
- Built-in inversion voice scrambler
- Channel announcement
- Escalation alarm
- Low battery alert
- Emergency call



Intelligent Emergency Functions:

To assist in worker safety, the BC1000 has three emergency related functions: motion detection, man down and lone worker functions. If one of these functions is activated, the transceiver automatically enters an emergency phase and starts counting down to send an emergency signal. The built-in motion sensor detects its position and states motion and non-motion.



This user-friendly two-way radio features dust-tight construction that prevents damage and malfunction from moisture and particulates.



Photos include stubby antenna which comes standard on UHF model.

Specifications BC1000

GENERAL	VHF – 136-174 MHz	UHF – 450-512 MHz
Channel capacity	16	16
Channel spacing	12.5	12.5
Power supply requirement	7.2 DC	7.2 DC
Current drain (typical)		
TX high	1.3A	1.3A
RX Max. audio/stand by	330mA (internal SP)/77mA	330mA (internal SP)/80mA
Antenna impedance	50Ω	50Ω
Operating temperature range	-30° C to +60° C: -22° F to +140° F	-30° C to +60° C: -22° F to +140° F
Dimensions (approx. w/ BP278)	4.4"H x 2.06"W x .96"D	4.4"H x 2.06"W x .96"D
Weight (approx. w/ BP278)	8.4 oz.	8.4 oz.
Military Specifications	MIL Standard 810 C, D, E, F and G	MIL Standard 810 C, D, E, F and G
TRANSMITTER		
Output power	5W, 2W, 1W (Hi, L2, L1)	4W, 2W, 1W (Hi, L2, L1)
Max. frequency deviation	±2.5kHz	±2.5kHz
Frequency error	±2.5ppm	±2.5ppm
Spurious emissions	70dB min.	70dB min.
FM hum and noise	40dB	40dB
Audio harmonic distortion	1.5% AF 1kHz 40% deviation	1.5% AF 1kHz 40% deviation
Ext. microphone connector	3-conductor 2.5 (d) mm (1/10")/2.2kΩ	3-conductor 2.5 (d) mm (1/10")/2.2kΩ
RECEIVER		
Sensitivity (at 12dB SINAD)	0.25μV typ.	0.25μV typ.
Adjacent channel selectivity	71dB	64dB
Spurious response	70dB min.	70dB min.
Intermodulation	74dB typ.	73dB typ.
Hum and noise	45dB typ.	43dB typ.
Audio output power		
Internal SP (with 12Ω load)	800mW typ. (at 5% distortion)	800mW typ. (at 5% distortion)
External SP (with 8Ω load)	400mW typ. (at 5% distortion)	400mW typ. (at 5% distortion)
External speaker connector	2-conductor 3.5 (d) mm (1/8")/8Ω	2-conductor 3.5 (d) mm (1/8")/8Ω

Measurements made in accordance with TIA-603. All specifications are subject to change without notice or obligation.



- For sales call 800.527.1670
- For service or repairs call 800.449.5695



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