BF-AP5016

Analog Two-Way Radio

BF-AP5016, the new generation high power analog two-way radio, can adapt multi-scenes for its many outstanding advantages in many aspects like modern design, strong signal penetration, long battery life, excellent sound quality, drop resistance and compression ability, etc., guaranteeing continuity and reliability effectively.

- VOX
- High Power
- Squelch Level
- Channel Matching
- Type-C Charging Mode
- Busy Channel Locking
- Special Signal Mode
- ○ Noise Reduction(Optional)

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SPECIFICATION

General	
Frequency Range	UHF: 400-480MHz
Channel Capacity	16
Channel Spacing	25 KHz /12.5 KHz
Frequency Stability	≤ ± 2.5 ppm
Antenna Impedance	50Ω
Operating Voltage	DC 7.4V (± 20%)
Battery Capacity	1800mAh
RF Output Power	≤5W
Dimensions (L × W × H)	54* 33* 113mm
Weight	214g

Transmitter	
4FSK Modulation	11K ϕ F3E/16K ϕ F3E
FM Modulation	≤ ± 2.5KHz / ± 5.0KHz
Adjacent Channel Power	60dB
Audio Distortion	< 5%

Receiver	
Sensitivity	≤-122dBm (12dB SINAD)
Intermodulation	≥60dB(Wide)/ 55dB (Narrow)
Adjacent Channel Selectivity	≥60dB(Wide)/ 55dB(Narrow)
Spurious Response Rejection	≥60dB(Wide)/ 55dB(Narrow)
Rated Audio Output Power	0.5W
Audio Distortion	≤5%

Environmental	
Operating Temperature	-20℃ ~ +60℃
Storage Temperature	-30℃ ~ +70℃

STATEMENT:

1. Due to continuous product improvement, the technical parameters and functional features may not be consistent with the actual product. Please refer to the actual product. If there is any change, we will not notify you separately. Please understand.
2. If you have other questions about this product or the content of this document is not detailed enough, please contact us.

ACCESSORIES

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Dedicated to increasing the efficiency and reliability of missioncritical communications, BelFone is always on the way to offer responsive, flexible and reliable products. For more information about our products and solutions, contact us or visit us at www.belfone.com.