



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)










SPECIFICATION

General		Receiver	
Frequency Range	UHF: 400-480MHz	Sensitivity	$\leq -122\text{dBm}$ (12dB SINAD)
Channel Capacity	16	Intermodulation	$\geq 60\text{dB(Wide)}/55\text{dB(Narrow)}$
Channel Spacing	25 KHz /12.5 KHz	Adjacent Channel Selectivity	$\geq 60\text{dB(Wide)}/55\text{dB(Narrow)}$
Frequency Stability	$\leq \pm 2.5\text{ ppm}$	Spurious Response Rejection	$\geq 60\text{dB(Wide)}/55\text{dB(Narrow)}$
Antenna Impedance	50 Ω	Rated Audio Output Power	0.5W
Operating Voltage	DC 7.4V ($\pm 20\%$)	Audio Distortion	$\leq 5\%$
Battery Capacity	1800mAh	Environmental	
RF Output Power	$\leq 5\text{W}$	Operating Temperature	$-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$
Dimensions (L \times W \times H)	54* 33* 113mm	Storage Temperature	$-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$
Weight	214g		
Transmitter			
4FSK Modulation	11K ϕ F3E/16K ϕ F3E		
FM Modulation	$\leq \pm 2.5\text{KHz} / \pm 5.0\text{KHz}$		
Adjacent Channel Power	60dB		
Audio Distortion	$< 5\%$		

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

						
Battery	Antenna	Charging head	USB cable	Belt Clip	Strap	Headset (Optional)

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Communications for Efficiency and Safety



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