

## Functions

- Sturdy and durable
- High quality speaker, 1W audio power, louder and crisper
- Strong anti-interference
- Battery:Li-ion 1800 mAh
- IP67 dustproof and waterproof

## Elegant

Ultra-slim design, elegant and handy.

## Quality

Compliance with international standards CE and FCC.

## Solution and performance

Independent VCO for RX narrow-band and sophisticated AFC (Auto Frequency Control) circuit design, ensure high anti-interference and excellent talking experience both in analog and digital mode.

## Material

High quality PC material from GE PLASTIC, integrated with elegant and robust Al-alloy chassis.

## Details

We are the first manufacturer to adopt the double layer waterproof structure on antenna base and knobs. Besides all current contact pads are gold plated.



## In the package:

-Belt clip, rechargeable li-ion battery, lanyard, desktop charger, adapter



## Specifications

Frequency Range	VHF: 136-174MHz UHF: 350-390MHz 400-470MHz 450-520MHz
Channel Capacity	2 zone 32CH(16CH/zone)
Channel Spacing	12.5KHz/25KHz
Operation Temperature	-25°C~60 °C
Frequency Stability	±2.5ppm
Operation Voltage	7.4VDC
Antenna Impedance	50Ω
Microphone Impedance	2.2Ω
Battery Capacity(5-5-90 duty cycle)	1800mAh: Analog 13.9hours Digital 17.5 hours 2200mAh: Analog 16.9hours Digital 21.4 hours
Dimension(height*width*thickness)	126mm*53mm*26.5mm
Weight	280g(with battery and antenna)

## Receiver

Sensitivity	Analog	0.22uV(12dB SINAD)@25kHz
	Digital	0.25uV(12dB SINAD)@12.5kHz 0.22uV (BER 5%)
SNR (Signal-To-Noise Ratio)	45 dB @25kHz	40 dB@12.5kHz
Adjacent Channel Selectivity	70 dB @25kHz	65 dB@12.5kHz
Intermodulation	65 dB @25kHz	60 dB@12.5kHz
Spurious Response Rejection	70 dB	
Audio Output Power	1000 mW	
Rated Audio Distortion	5%	

## Transmitter

RF Power	H5 W/4 W L1.5W
FM Modulation	25kHz: 16KF3E 12.5kHz: 8KF3E
4FSK Digital Modulation	12.5KHZ Data7K60FXD
	12.5KHZ Data and Voice 7K60FXW
Digital Vocoder Type	AMBE++
Digital protocol	ETSI-TS102 361-1,-2 NXDN Part 1-A Common Air Interface Ver.1.3
Harmonic	70 dB
SNR (Signal-to-Noise Ration)	-45 dB@25kHz -40 dB @12.5kHz
Rated Radio Distortion	5%
Frequency Stability	±2.5 ppm
Max.Frequency Deviation	5 kHz@25kHz 2.5 kHz @12.5kHz