

## Specifications

General Specification	
Frequency Range	UHF: 400-470MHz PMR446: 446.0MHz - 446.2MHz
Channel Capacity	32CH (2 zones)
Channel Spacing	25 kHz/12.5 kHz
Operation Temperature	-25°C~ + 60 °C
Operation Voltage	4.2VDC
Antenna Impedance	50Ω
Microphone Impedance	2.2KΩ
Frequency Stability	±1.5 ppm
Battery Capacity	Li-ion DC4.2V 1800mAh
Dimension (height* width* thickness)	89mm*46mm*23mm
Weight	115g (with battery and antenna)
IP rate	IP54

Transmitter	
RF Power	PMR446 version: 0.5 W Business version: 1.5 W
FM Modulation	25K/16KΦF3E 12.5K/8KΦF3E
4FSK Digital Modulation	12.5KHZ Data7K60FXD 12.5KHZ Data and Voice 7K60FXW
Digital Vocoder Type	AMBE++
Digital protocol	ETSI-TS102 361-1,-2
Harmonic	≥ 70 dB
SNR (Signal-to-Noise Ration)	25K≤-45 dB 12.5K≤-40 dB

Receiver	
Sensitivity(12dB SINAD)	25K≤-121dBm 12.5K≤-119dBm
SNR(Signal-To-Noise Ratio)	25K≤45 dB 12.5K≥40 dB
Adjacent Channel Selectivity	25K≤65 dB 12.5K≤60 dB
Intermodulation	25K≤60 dB 12.5K≤55 dB
Spurious Response Rejection	≥65 dB
Audio Output Power	≥500 mW
Sensitivity(digital)	0.3μv BER : 5%
Rated Audio Distortion	≤ 5%

• All specifications are subject to change without notice due to continuous development.



# X1 pro

A Cute and Professional  
Business Walkie-Talkie



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Dealer Area



## Application



Retail chain stores



Shopping malls



Super markets



Fine restaurants



Star hotels



Outdoor hiking

## Product Advantages

### DMR and analog dual mode

PMR446 version: 0.5 W

Business version: 1.5 W

X1 pro has both PMR446 and professional DMR 2 versions. The output power of professional DMR version is 1.5W. Both PMR446 and professional DMR version has DMR and analog dual mode, and 2 zone, 32 channels totally.

### Smart dimension, easy to grab

The dimension is 89mmx46mmx23 mm, which is very convenient to grab, or clip to collar of T-shirt or coat. Design for business client, like chain store, super market, etc.

### Type C direct charging

Type C direct charging save the accessory cost, and space. Easy to handle and management.

### Key lock

The key lock function avoid misoperation by accident.

### 1800 mAh Li-ion battery

The big battery capacity 1800 mAh, enable the radio with the long standby time, up to 42 hours. Measuring as 5.5-90 duty, it can use 16 hours in analog, and 22 hours in digital.

### Optional earphone compatible with other popular brand

X1 pro is capable to use the earphone, the plug is compatible with the popular model from other brand.

### LED Indicator battery Status

The LED screen indicate critical status, for instance, battery capacity, channel number, zone number, channel type, etc.

### Voice announcement for channel and battery

Voice announcement for channel number, and battery capacity, low battery alarm, convenient for users.

## Standard Accessories



Power Adapter



1800 mAh Li-ion battery



Belt clip



Hand strap

## Optional Accessories



Earphone