

Ailunce HD1 Dual Band DMR Digital DCDM TDMA Waterproof Two Way Radio

Description:

HD1 dual band digital radio uses Digital Mobile Radio (DMR) Tier 2 Standard protocol. It is compatible with the popular MOTO TRBO series Tier I and II using standard encryption, as well as other makes and models of DMR supported radios. It is also compatible with any existing analog two-way radio operating on the supported UHF and VHF frequencies for easy migration to digital technology. And almost all the operations can be done via radio keypad.

Main Feature

- Dual Band DMR Radio
- Analog and Digital Combined
- Compatible with Motorola Tier I&II
- Comply with Digital Protocol ETSI TS 102 361-1,-2,-3
- Use Time-Division Multiple-Access(TDMA) Digital Function
- Frequency Band:136-174 & 400-480MHz& 76-107.95MHz(Receive only)
- 200000 Digital Contacts + 1000 Priority Contacts
- Up to 3000 channels
- Dual Time Slot for Repeater
- Dual Time Slot for Point to Point
- Firmware Upgradeable
- IP67 Waterproof
- High/Medium/Low Power:10/5/1w
- Scan:Time/Search/Carrier
- Encryption Function
- Lone Worker
- Single/Group/All call
- Remote kill/stun/activate
- Color LCD Display
- Transmit/Transceive interruption
- Promiscuous Function
- CTCSS/DCS
- Analog Monitor
- VOX
- TOT
- DTMF
- Talkaround
- Squelch
- Keypad Lock
- LED Indicator

Password Lock
 Battery Save
 Voice Annunciation
 1000/1450/1750/2100Hz Single tone
 32 DMR ID

General specifications	
Frequency	136-174&400-480MHz &76-107.95MHz(Receive only)
Channels	3000
Operating Temperature	-30°C~+60°C
Operating Voltage	7.4V DC
Dimension	150 x 64x 40mm
Weight	360g(with battery)
Battery Type	Li-ion
Battery Capacity	3200mAh
Antenna Impedance	50Ω
Transmitter	
Power	UHF:8w:4w:1w VHF:10w:5w:1w
Transmit current	Analog≤1.6A Digital≤0.9A
Frequency Stability	±1.0ppm
FM modulation mode	12.5KHz@11K0F3E 25KHz@16K0F3E
4FSK digital mode	12.5KHz(data only):7K60FXD 12.5KHz(data and voice):7K60FXW
Modulation distortion	< 5%
Vocoder	AMBE+2TM
Adjacent channel power	60dBm@12.5KHz 65dBm@25KHz
Audio Response	+1~-3dB
Digital Protocol	ETSI-TS102 361-1,-2,-3
Receiver	
Analog Sensibility	0.35uV/-116dBm(20dB SINDA) 0.22uV/-120dBm(Type)
Digital Sensibility	0.30uV/-117dBm(BER 5%) 0.70uV/-110dBm(BER 1%)
Adjacent Channel Selectivity	TIA603C:65dB ETSI:60dB
Spurious Response	TIA603C:75dB ETSI:70dB
Audio Response	+1~-3dB
Rated Audio Distortion	≤3%(Type)
Audio Power	≥500mW

Package Includes:

- 1 x HD1 dual band two way radio
- 1 x Battery
- 1 x Antenna
- 1 x Adapter
- 1 x Charger
- 1 x User's manual
- 1 x Belt clip
- 1 x Sling