

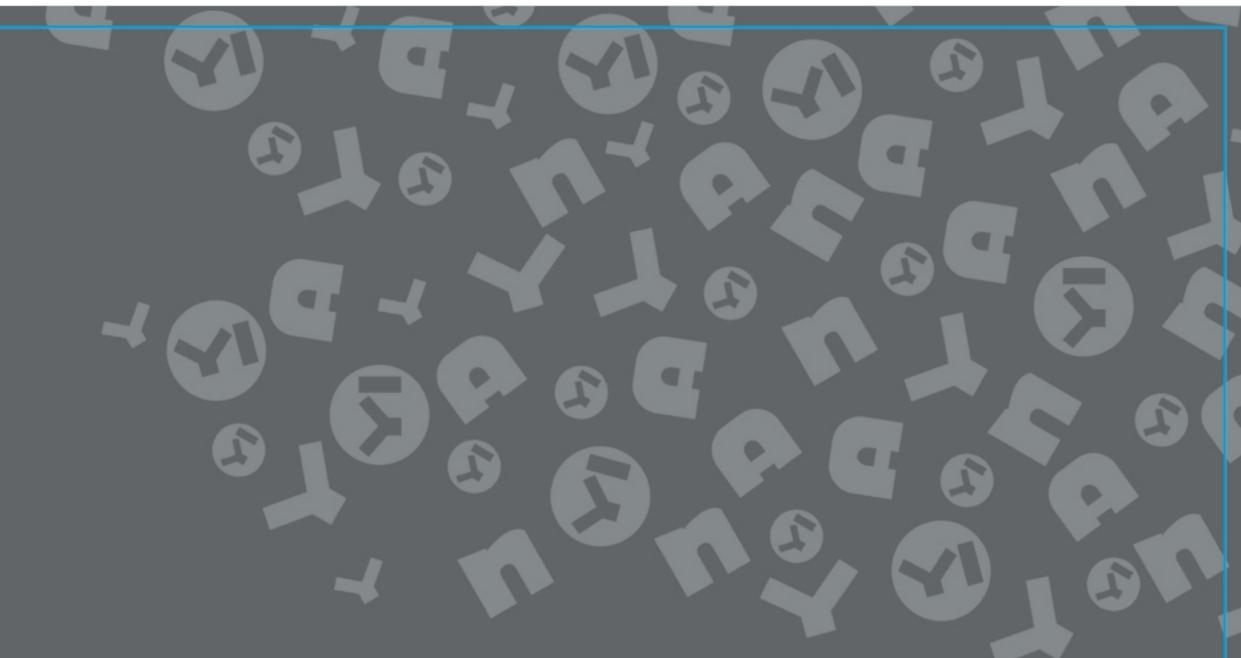


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Professional Two-way Radio Manufacturer



COMPANY PROFILE

Quanzhou Yiyang Electronics Co.,Ltd, specializing in the production of high-end radio communications products, mainly to analog and digital transceiver. Our company is devoted to connecting the world that promoting the global call product. We focus on continuous innovation that be satisfied by user's demands. High quality products and good service are necessary for customers and HAM.





YI-889G Plus

PROFESSIONAL FM TRANSCEIVER

Output power: H10W/M5W/L1W



- APRS (GPS+ share location+ measure distance)
- Night mode
- Remote upgrade
- Global call
- 999 memory channels
- Dual display、Dual standby、Dual frequency and Dual Band : UHF (400~519.995MHz) / VHF(136~174MHz)



GLOBAL CALL

Standard Accessories



Power Adaptor

Smart Charger

Belt Clip

Rechargeable Li-ion polymer Battery

High Gain Antenna

Hand Strap



Communication Easier



High/Middle/Low 10W/5W/1W Power Selection



YI-889G

My Position		02..JACK	
Pos Success		Get Position	Pos
15:48:45	S	N:24°54'63.3"	S
N:24°54'63.3"	GPS	E:118°31'84.6"	GPS
E:118°31'84.6"		H:4.0MM	
H:4.0MM			

- GPS Function (measuring distance, share position)
- Cross Band Repeater
- Duplex Working Mode (A zone transmit, B zone receive.)
- Night/Daylight mode
- Digital Voice Encryption
- Large Colorful Display

YI-889G Function Introduce

This is a type of super colorful LCD screen. Which have night mode, U/V dual frequency, dual display and dual receive, it can receive both U+U V+V U+V two-way signal.

In function aspect, there are medium 5w/ low 1w power output, audio power is less than or equal to 1W, the function of launch prompt tone, end tone, ID signaling, GPS positioning, location sharing, measurement distance are very satisfied by HAM. You can view the relevant location information through GPS exclusive button, including latitude and longitude, height and time. Location sharing is high safety. It is initiated by the user, not transmit automatically with the PTT call.

This product provides Cross Band Repeater function, a handheld radio is like a small Repeater. You can only set VHF and UHF frequency in both A/B two frequency zone, and then long press RPT key, will enter repeater mode. Through menu can set dual transmit/one-way transmit mode. Using both two radios repeater function, you can achieve the same frequency transmit.

It supports PC Programming, programming software provides maximum hand set permissions, especially editing select call communication must be recorded by software programming, software programming support remote upgrade and development two times.

In a word, this product is ideal for HAM to use.



Digital DMR and Analog Compatible Dual-mode Communication Modes



- GPS+ share position
- Free to edit digital contacts, support single call, group call, full call
- Output power: UHF/VHF: H(10w)M (5 w) L(1W)
- Digital voice encryption function
- One button switched digital analog system
- Dual display, dual standby, dual frequency and dual band UHF (400~519.995MHz) / VHF (136~174MHz)
- Continuous tone squelch digital encoding CTCSS/ code squelch function DCS
- Full frequency channel +256 storage channel

YI-919

Digital mode

Frequency range	UHF:400-470MHz/VHF:136-174MHz
Channel spacing	12.5KHz
Operating temperature	-20~60℃
Standby current	Standby <80mA
Receiver spurious emissions	Receiver 9kHz~1GHz ≤-57dBm (Antenna port)
Sensitivity	-120dBm BER<5% -118dBm BER<5%
Strong signal error rate	≤1×10 ⁻⁴
Common channel suppression	-12dB
ACS	Upper 60dB@12.5kHz Lower 60dB@12.5kHz
Inter Modulation	56dB
Block	82dB
Receiver spurious emissions	Antenna port 9kHz~1GHz ≤-57dBm 1GHz~12.75GHz ≤-47dBm Case port 30MHz~1GHz ≤-57dBm 1GHz~12.75GHz ≤-47dBm

Standard Accessories





Digital Voice Encryption High/Middle/Low Power Selection



YI-819 YI-839

- Frequency Range
VHF: 136-174MHz
UHF: 400-519.995MHz
- 16 Channels Selection
- UHF or VHF Option
- Using by Programming Software
- Repeater 1750



Frequency Range VHF	136~174MHz
UHF	400~480MHz(EX:400-520MHz)
Number of Channels	16
Channel Spacing	25KHz(broadband)/12.5KHz(narrowband)
Phase-lock Step	5KHz,6.25KHz
Operation Voltage	7.4V DC ±20%
Battery Life	More than 15 hours(3000mAh), by the work cycle of 5-5-9
Frequency Stability	±2.5ppm
Operating Temperature	-20℃~+60℃



Magnetic Shielding Chinese/English Voice Guide



YI-859 YI-879

- Frequency Range
VHF: 136-174MHz
UHF: 400-519.995MHz
- High/Middle/Low Power Selection
- UHF or VHF Option
- English/Chinese Voice Guide
- 16 Channels Selection
- Using by Programmable Software



Frequency Range VHF	136~174MHz
UHF	400~480MHz(EX:400-520MHz)
Number of Channels	16
Channel Spacing	25KHz(broadband)/12.5KHz(narrowband)
Phase-lock Step	5KHz,6.25KHz
Operation Voltage	7.4V DC ±20%
Battery Life	More than 15 hours(3000mAh), by the work cycle of 5-5-9
Frequency Stability	±2.5ppm
Operating Temperature	-20℃~+60℃



Dual Band

Dual Frequency

Dual Display

Dual Standby

**Change Main Channel
VHF and UHF Full Band**



YI-UV66

- Frequency Range
VHF: 136-174MHz
UHF: 400-519.995MHz
- Change Working Mode(MR/CH/VFO)
- Bandwidth Selectable
- Multi Step Frequency(5/6.25/10/12.5/25/50/100 KHz)

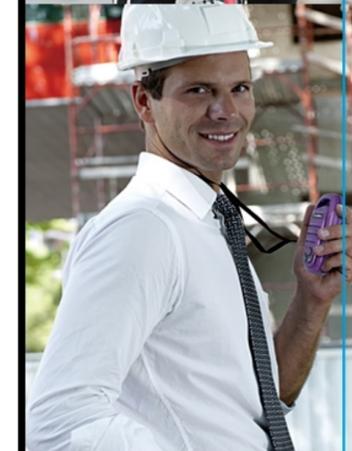
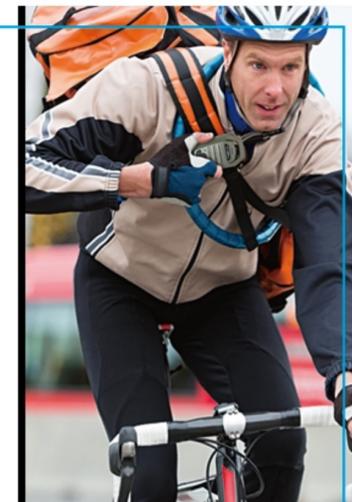


**Record Historical Voice
Using by Download Mobile App**



YI-TL
Bluetooth Speaker/MIC

- Call Function
- 3G/4G Mobile Data Traffic
- Back-stage Management



YI-960-U

- RX Band: 460-463.5MHz
- TX Band:450.5-453.5MHz

Technical Specification

Working voltage	DC13.8V±5%
boundary dimension	
Working temperature	-20 C ~40 C
Output power	10W

	broadband	Narrow band
Modulation method	16K F3E	11K F3E
Adjacent power	≥70dB	≥60dB
Maximum offset	±5KHz	±2.5KHz
Frequency offset	±2.5ppm	
Adjacent choose	≤70dB	≤60dB
Intermodulation response	≤65dB	≤60dB
Signal to noise ratio	≥45dB	≥40dB
The sensitivity	UHF/VHF:0.25uV(12dB SINAD)	



Standard Accessories



Optional Accessories

