

TP-505

Professional Portable Two-Way Radio

TalkPod™ TP-505 is a carefully made full-band amateur, commercial two-way radio. It can bring users the high-quality use demand with excellent cost.

Ergonomic Design and Compact Body

LCD display

Remote Alarm

Hang Up Prompt

Automatically Eliminate Noise

Ergonomic Design and Compact Body

With beautiful ergonomic design, TP-505 has a lightweight and compact body, which makes it strong and durable.

LCD display

TP-505 has LCD display with blue, purple, orange tri-color adjustable background light.

Remote Alarm

If you encounter an emergency, TP-505 will sound harsh alarms and send a signal to the control center for help immediately.

Hang Up Prompt

When you finish your words, the two-way radio will send "tick" to prompt.

Automatically Eliminate Noise

When you are stay in noisy environment, it is hard for you to hear clearly. But TP-505 can eliminate the noise automatically, so that you can hear what others say.

Superior, Stylish and Eye-catching Appearance

With human-computer interaction design concept, its superior, stylish and eye-catching appearance make people too hard to put it down.

Super Penetrability

A powerful speaker ensures clear, crisp and strong penetrability, even in noisy environments. Even if you are in lift, basement or building, the TP-505 will bring you prompt and reliable communication.

High-Quality Sound Against The Tumult

In a noisy environment, the Two-way radio can automatically adjust to filter the ambient noise, and allows users to receive high-definition signal.

Voice Operated Transmit (VOX)

Enjoy the convenience of hands-free operation when used with optional accessories.

Time-out Timer

The feature allows for more efficient use of channels by limiting the amount of time of each transmission.

Monitor

Allows users to monitor the activity on the current channel. The feature is especially helpful for receiving a weak signal.



General Specifications

Model Number	TP-505
Frequency Range	VHF:136-174MHz;UHF:400-470MHz
Channel Capacity	128
Channel Spacing	25 /20/12.5KHz
Operating Voltage	7.4V DC
Battery	2000mAh Li-Ion Battery
Battery Life (5-5-90 Duty Cycle)	14 hours
Frequency Stability	±2.5 ppm
Operating Temperature	-25°C~+65°C
Antenna Impedance	50Ω
Dimensions (H×W×D) (with battery, without antenna)	115mm×58mm×35mm
Weight (with antenna & battery)	205.6g

Transmitter

RF Power Output	1 to 5W
Modulation	F3E
Spurious and Harmonics	
FM Noise	
Current consumption	≤1.5A
Audio Distortion	≥10%

Receiver

Sensitivity	< 0.18μV
Selectivity	60dB
Intermodulation	60dB
Spurious Response Rejection	60dB
Rated Audio Power Output	≥400mW
Rated Audio Distortion	≥10%

* Specifications subject to change without notice.



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