



Talkpod

A50

## Business & Commercial Radio

Talkpod A50 is an analog walkie-talkie with high power, high volume, good feel and waterproof function. Designed with modern ergonomic principles, it is exquisite but robust, and has an eye-catching appearance. Its compact structure design, implements the IP66 dust-proof and waterproof standard, with unparalleled communication quality, easy operation, and light carrying capacity, the user's communication experience is upgraded to a whole new level.

Analog  **RATED**  
FRS/GMRS/RMR446 **IP66**



Talkpod Technology Co., Ltd.

# Features

- Standard analog format
- Digital sub-audio
- Wide and narrow band optional
- Frequency hopping mode
- Transmission timeout setting
- VOX voice control
- 16 channels channel selector
- Multi-language selection
- Launch time limit
- Promise volume selector
- Voice report
- Voice broadcast
- Battery status reminder
- Dedicated frequency writing software
- Radio frequency selection
- Analog sub audio
- High and low power optional
- Busy lock
- 10 levels of noise suppression
- Low battery reminder
- Voice delay
- Multicolor LED
- Boot prompt
- Scan to add
- 2 shortcut keys
- Sub audio lock
- Carrier scan
- Standard K head interface
- Radio function
- Power optional

# Special Function

## • Large speakers, clear sound quality

Using a 36mm large size, 1W high-power speaker, through the best proportion of the sound cavity, And anti-vibration plastic structure to ensure clear, loud and clear speaker; Allows you to easily keep communication open.

## • Super power, strong penetrating power

Specially-made long antenna with low impedance, with stronger signal penetration; built-in high-power booster Movable module, equipped with lead-free aluminum plate for extremely fast heat dissipation, the maximum transmission power can reach 10W, Users who have long-distance, basement and ground communication needs.

## • Non-standard tone, confidential call

Turn on the frequency hopping function, the frequency and sub-tone will be automatically encrypted; through the frequency measurement instrument, it will not be Accurately detect sub-tone (DCS analog sub-tone/CTCSS digital sub-tone); ensure the user's Be private, while avoiding frequency and merchandising.

## • Radio broadcasting, fast channel search

The built-in FM/AM frequency receiving module can quickly search for nearby radio stations with one key. Listen clearly When broadcasting, it will wait for the original channel at the same time, which will not affect the incoming calls of other walkie-talkies, suitable for listening Users who require traffic broadcasting and real-time news.

## • Long standby time, longer use

Standard 7.4V 1650mAh battery; under high power, the working time can reach 12 hours.

## • Waterproof structure, stable and reliable

The body has multiple waterproof rings, the earphone cover is fixed with screws, and the waterproof and dustproof level reaches IP66; Quality test items include drop, high and low temperature, humidity, dust, vibration; The product can still be used normally if it is accidentally dropped or splashed with water during work.

## • Professional design, excellent feel

According to ergonomic design, matte texture, two-color injection molding machine body, compression and wear resistance; The machine is light and handy. The thickness of the machine with standard battery is only 27mm and the weight is only 235g.



# | Application Areas

By fully considering the daily communication needs of users in industrial and commercial and service industries such as engineering construction, security, hotels, catering, etc., A50 has been given a comprehensive function and durable design, hoping to meet the needs of more users.



Hotel



Transport



Education



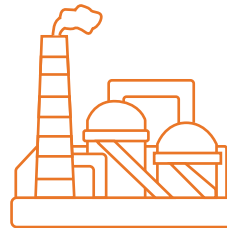
Community



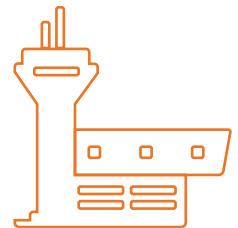
Warehouse



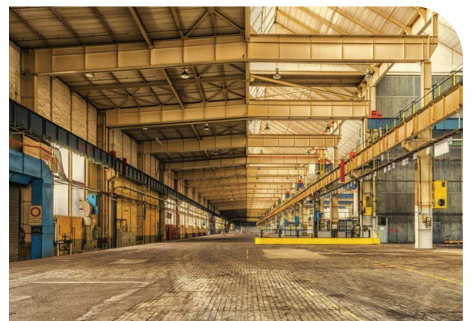
Hospital



Factory



Airport



# Product Details

Simple, stylish and ergonomic design, easy to carry, simple to operate, and long-lasting battery life, even if it is used for a long time, it feels easy and free.



## Product Accessories

You can choose from a variety of Talkpod accessories designed, tested and certified to optimize A50 performance. But in order to ensure the use effect, we recommend using the accessories recommended by Talkpod.

### Standard Accessories



TBL01



TBC06



TAT14



TCL01



TST01

### Optional Accessories



TBC01



TCA02



TCA03



TPC06



TPC02



TMC01



TAT01



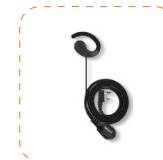
TCL02



TPM01



TEM08



TEM09

## Product Specification

General Specifications		
Model Number	A50-M2A1U1	A50-M2A1U3
Frequency Range	400-470MHz	446MHz
Power	8W	2W
Number of channels	16	
Communication standard	Analog	
Frequency Stability	±2.5ppm	
SOS Alarm	1	
Battery Capacity	Standard 1650mAh, 7.4V	
Weight	235g/oz	
Dimensions	108x52x28(mm) / xx(in)	
Programmable Keys	2	
Channel spacing	25/12.5 KHz	
Antenna impedance	50Ω	

Receiving Part	
Sensitivity	0.25/0.28μV
Intermodulation	55dB
Hum and noise	40dB@12.5KHz 45dB@25KHz
Adjacent channel selectivity	60dB
Signal to noise ratio	≥40dB/34dB
Rated audio output power	1W
Rated audio distortion	≤5%
Audio response	+1~-3dB
Spurious response suppression	55dBm

### Launch Part

Clutter and harmonics	≤-40dBm
Audio distortion	≤5%
Modulation	16K0F3E/8K0P3E
Remaining FM	≥37dB/34dB

### Certification

CE FCC & IC ID	CE
Dustproof and waterproof	IP54 standard

The above specifications are tested according to applicable standards. Due to the continuous development of technology, the above data is subject to change without notice.

### Environmental Index

MIL-STD	810C	810D	810E	810F	810G
Low Pressure	500.1/ I	500.2/ I, II	500.3/ I, II	500.4/ I, II	500.5/ I, II
High Temperature	501.1/ I, II	501.2/ I, II	501.3/ I, II	501.4/ I, II	501.5/ I, II
Low Temperature	502.1/ I	502.2/ I, II	502.3/ I, II	502.4/ I, II	502.5/ I, II
Temperature Shock	503.1/ I	503.2/ I	503.3/ I	503.4/ I, II	503.5/ I, II
Solar Radiation	505.1/ I	505.2/ I	505.3/ I	505.4/ I	505.5/ I
Rain	506.1/ I, II	506.2/ I, II	506.3/ I, II	506.4/ I, III	506.5/ I, III
Humidity	507.1/ I, II	507.2/ II, III	507.3/ II, III	507.4	507.5/ II
Salt Fog	509.1/ I	509.2/ I	509.3/ I	509.4	509.5
Dust	510.1/ I	510.2/ I	510.3/ I	510.4/ I, III	510.5/ I
Vibration	514.2/ VIII, X	514.3/ I	514.4/ I	514.5/ I	514.6/ I
Shock	516.2/ I, II, V	516.3/ I, IV	516.4/ I, IV	516.5/ I, IV	516.6/ I, IV

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 | Talkpod is committed to developing products that help protect the environment.

V1.0 023