

## TP-285

### Business Portable Two-Way Radio

TalkPod™ TP-285 is a medium-to-high tier easy-to-use handheld two-way radio. It can helping the service sector and team communication to improve operational efficiency and is the best choice for users who seek for cost-effective means of communication.

**Long Period Of Stable Work**  
**Clear and Fidelity Of Voice Quality**  
**Anti-Noise Great Speaker**  
**Memory Channels**  
**Bearing Fall and Low Temperature**

#### **Anti-Noise Great Speaker**

A powerful speaker ensures clear, crisp and strong penetrability, even in noisy environments.

#### **Bearing drop and Low Temperature**

High-quality materials and strict environmental testing makes TP-285 has compact structure and can stand drop and low temperature.

#### **Long Period Of Stable Work**

High-quality materials, large-capacity battery and strict environmental testing ensure TP-285 a long period of stable work.

#### **Battery Save**

The Battery Save feature is automatically activated once no activity on the channel and no operation performed, for extended operation time.

#### **Voice Over**

TP-285 can broadcast the current channel number, letting you know on which channel your radio is operating. Also, the local language can be downloaded into TP-285 for broadcast as per users' needs.

#### **Clear and Fidelity Of Voice Quality.**

The collection of the latest analog encrypted technology and advanced voice processing chip maintain the clear and fidelity of voice quality of TP-285.

#### **Time-out Timer**

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

#### **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-285 will bring you prompt and reliable communication.

#### **Voice Operated Transmit (VOX)**

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

#### **Busy Channel Lockout**

Avoid interference with the users using the same channel by preventing transmission if another talk group is already on the air.



# TalkPod

## General Specifications

Model Number	TP-285
Frequency Range	UHF 400-470MHz
Channel Capacity	16
Channel Spacing	25 /20/12.5KHz
Operating Voltage	7.4V DC
Battery	3300mAh Li-Ion Battery
Battery Life (5-5-90 Duty Cycle)	24 hours
Frequency Stability	±2.5 ppm
Operating Temperature	-25°C~+65°C
Antenna Impedance	50Ω
Dimensions (H×W×D) (with battery, without antenna)	112mm×55mm×32mm
Weight (with antenna & battery)	178.4g

## Transmitter

RF Power Output	1 to 4W
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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