

TP-825

Business Portable Two-Way Radio

The TP-825 Two-Way radio is a great long range radio (handheld transceiver) for you! It can bring huge convenience for you to communicate with each other in a long range about 6km.



50 CTCSS/105 CDCSS/VOX Function
Voice Prompt/PC Programming/voice
scramble/encryption
Emergency Alarm/Intelligent Charging
Battery Save/Low Voltage Alert
Time-out Timer

Voice Over

TP-825 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-825 for broadcast as per users' needs.

Double Safety Catch

Double Safety Catch makes the battery installed more securely, ensuring that battery will not easily fall in the process of use, to ensure a normal call for user.

Long Useful Life

The ergonomic shape and durable, lightweight design extend the useful life of TP-825.

Busy Channel Lockout

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

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-825 |
| Frequency Range | UHF 400-470MHz |
| Channel Capacity | 16 |
| Channel Spacing | 25 /20/12.5KHz |
| Operating Voltage | 3.7V DC |
| Battery | 1800mAh Li-Ion Battery |
| Battery Life (5-5-90 Duty Cycle) | 12 hours |
| Frequency Stability | ±2.5 ppm |
| Operating Temperature | -25°C~+65°C |
| Antenna Impedance | 50Ω |
| Dimensions (H×W×D) (with battery, without antenna) | 125mm×60mm×34mm |
| Weight (with antenna & battery) | 198g |

Transmitter

| | |
|------------------------|-------|
| RF Power Output | ≤3W |
| Modulation | F3E |
| Spurious and Harmonics | - |
| FM Noise | - |
| Current consumption | ≤1.3A |
| Audio Distortion | ≤5% |

Receiver

| | |
|-----------------------------|---------|
| Sensitivity | ≤0.20μV |
| Selectivity | ≥65dB |
| Intermodulation | ≥60dB |
| Spurious Response Rejection | ≥60dB |
| Rated Audio Power Output | 1000mW |
| Rated Audio Distortion | ≤5% |

* Specifications subject to change without notice.

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