TPS004

Table Position System Bluetooth

TPS004

Table Position System Bluetooth

HENGYU

Main Features

- Utilizes Bluetooth technology to search for transmitters installed under the table
- Users only need to place the TPS tracker anywhere on the table. The system will automatically identify which table the TPS tracker is on
- The unique number printed on the surface of each TPS tracker represents the receipt number
- Uses a 2.4GHz RF interface to transmit the TPS tracker's number to the TPS monitor
- Made of PC plastic
- Enhanced RF interface, tested to withstand high-noise environments
- The TPS tracker displays a low battery signal on its 7-segment display, and the TPS monitor can indicate which table's transmitter box requires a battery replacement

Technical Specification

[Electronics Components]

- Power supply: TPS tracker lithium battery and TPS charger

- Transformer Output Voltage: 12V for TPS charger

- Current Consumption: ~130mA (operating), ~10mA (idle)

- Battery Life: Approximately one week

[Wireless Specifications]

- 2.4GHz frequency band

- FSK modulation

- Complies with FCC and CE standards

- RF Output Power: 18dBm

- Receiver Sensitivity: -120dBm

- Range: Up to 50 meters

[Dongle (for TPS monitor)]

- USB interface

- Input Voltage Range: 5V/DC +/- 10%

- Current Input: Maximum 100mA

- Uses standard USB HID driver as a keyboard driver

[Transmitter Box (Under Table)]

- Bluetooth 5.0 BLE technology

- Low power consumption

- Battery Life: Over one year

[Others]

- Storage temperature: -40˚C to +70˚C

- Operating temperature: 0˚C to +70˚C

- Operating humidity: 100%

- TPS tracker dimensions: 88mm x 85mm x 32mm

- TPS tracker weight: 100g

- Transmitter box dimensions: 175mm x 107mm x 54mm

- Transmitter box weight: 170g

Heng Yu Technology (HK) Limited
http://www.hengyu-tech.com
email: hy_sales@hengyu-tech.com

HENGYU