

RETEKESS

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RETEKESS

# TT126

## Two-Way Tour Guide System

Boost efficiency and enable stable long-hour two-way communication

Two-way communication | Automatic shut-down  
Type-C charging | 280m working distance





## Product Introduction

Reteless TT126 Two-Way Tour Guide System is designed for industrial, tourism and conference scenarios—especially optimized for industrial manufacturing environments. Its advanced two-way communication lets both sides (guides & visitors, hosts & attendees) speak and respond in real time; paired with stable signal transmission, it ensures crystal-clear connectivity, boosts on-site productivity and cuts operational downtime. It enables natural and fluid two-way interaction, elevating plant visit Q&As, scenic spot inquiries, and conference engagements.

## Key Features

-  **Two-Way Interaction:** Allows both parties to speak and respond in real time
-  **Extended Working Range:** Up to 280m/918ft in open areas
-  **Universal Charging:** Supports Type-C charging via a standard
-  **All-Day Comfort:** Enables comfortable all-day wearing with included lanyard or belt clip
-  **Clear Display:** Equipped with an OLED screen for sharp
-  **Flexible Audio Options:** The receiver features a headphone jack and supports external audio output for versatile use

## Functions in Detail

### Main-transmitter



- LINE-IN interface inputs audio
- Supports connection to other audio devices e.g., smart phone, mp3 player
- Supports one-touch operations: mute, power off, frequency matching, silent mode.
- Allows volume, channel, and microphone volume adjustment
- Can pair with multiple receivers and work simultaneously
- The built-in 2500mAh battery supports up to 10 hours of use
- Supports one-key shutdown for receivers on the same frequency

### Sub-transmitter



- LINE-OUT interface outputs audio
- Supports combination key adjustments to select between "press-to-talk" and "press-and-hold-to-talk" modes.
- Supports external audio output
- Allows volume, channel, and microphone volume adjustment
- Automatically powers off after 20 minutes of no signal.
- The built-in 2500mAh battery supports 10-70 hours of use

### TT126R Receiver



- Works exclusively with the TT126 main transmitter and TT126 sub-transmitter
- Listens to both the TT126 main transmitter and sub-transmitter
- Fits either the left or right ear for flexible wearing.
- Features compact design and comfortable fit at only 20 grams.
- Comes with a Type-C port and more convenient contact charging

### TT126E Receiver



- Works exclusively with the TT126 main transmitter and TT126 sub-transmitter
- Listens to both the TT126 main transmitter and sub-transmitter
- Fits either the left or right ear for flexible wearing.
- Features compact design and comfortable fit at only 21 grams.
- Comes with a Type-C port and more convenient contact charging



## Specifications

|                          |                                   |                        |              |
|--------------------------|-----------------------------------|------------------------|--------------|
| Charging Method          | Type-C cable / Charging case      | Image Rejection Ratio  | >80 dB       |
| Battery Capacity         | 2500mAh, Built-in lithium battery | Harmonic Distortion    | >75 dB       |
| Screen                   | OLED                              | Channel Spacing        | 1 MHz        |
| Frequency                | 863-865MHz, 902-928MHz            | Separation             | 75 dB        |
| Number of Channels       | 23                                | Distortion             | <1%          |
| Operating Voltage        | 3.0-5.0V DC                       | Output/Input Interface | 3.5 mm       |
| Signal-to-Noise Ratio    | 90 dB                             | Output Level           | 50 mW / 16 Ω |
| Frequency Response Range | 20 Hz - 5 kHz                     | Antenna                | External     |

|                       | Main-transmitter     | Sub-transmitter                                   |
|-----------------------|----------------------|---------------------------------------------------|
| Operating Current     | 160 mA               | 50 mA (receive state),<br>160 mA (transmit state) |
| Charging Current      | 400 mA               | 400 mA                                            |
| Operating Time        | 10 hours             | 10-70 hours                                       |
| Transmission Distance | 280 m (in open area) | 280 m (in open area)                              |

|                          | TT126R Receiver        | TT126E Receiver        |
|--------------------------|------------------------|------------------------|
| Frequency range          | 863-865MHz, 902-928MHZ | 863-865MHz, 902-928MHZ |
| Operating Voltage        | 3.0-5.0VDC             | 3.0-5.0VDC             |
| Signal-to-noise ratio    | '90db                  | ≥'70db                 |
| Frequency Response Range | 20Hz-5KHz              | 20Hz-5KHz              |
| Channel Spacing          | 250-500KHz             | 1MHz                   |
| Distortion               | 1%                     | < 0.1%                 |
| Operating Current        | 26mA                   | 28mA                   |
| Battery Capacity         | 350mAh                 | 350mAh                 |
| Operating Time           | 12H                    | 12H                    |
| Receiving Sensitivity    | '-97db                 | '-95db                 |

## Accessories



Transmitter



Receiver



User Manual



Type-C charging cable



Belt clip



Headset microphone



Lanyard



Single-sided headset



TT032  
Headset Microphone



TT034  
Headset Microphone



TT002  
Charging box



TT022  
Charging Case 24 slots



LP24032101  
Charging Case 45 slots



TT030  
Charging Case 28 slots



TT031  
Charging Case 30 slots

## Widely Used

Noise-Canceling

Two Way Communication



### Factory Tours

On factory tours, with real-time two-way interaction, both guides and visitors speak and respond instantly, making every exchange a dynamic, mutual communication experience.



### Tourism

At Tourism, TT126 keeps your tour group connected, crystal-clear audio even in bustling spots. Stay in sync, never miss a detail of the journey!



### Conferences

At Conferences, two-way interaction enables speakers to communicate mutually in real time, while listeners can receive audio unidirectionally via ear-hooks, ensuring smooth and efficient information exchange.