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Retekess TT127

Retekess TT127 Pre-recorded Audio Tour Guide System User Manual

Model: TT127

1. INTRODUCTION

The Retekess TT127 is a versatile audio tour guide system designed for various applications such as museums, churches, factories, and exhibitions. It integrates both manual tour guide and automatic tour guide functions into a single device, offering convenience and flexibility. With a 16GB memory card, it supports pre-recorded MP3 audio files and features main and vice speakers for comprehensive information transmission. The system supports 41 languages, making it suitable for diverse groups with language translation needs.

2. PRODUCT OVERVIEW

The Retekess TT127 system includes a transmitter, receivers, microphones, earphones, charging cables, and a user manual. Below is an overview of the main components.

Package includes



Figure 2.1: Package contents of the Reteless TT127 system, showing the transmitter, receivers, USB charging cables, lanyards, headsets, microphone, and user manual.

2.1. Transmitter

The transmitter is the primary device used by the tour guide to speak or play pre-recorded audio. It features a display, control buttons for mode selection, audio playback, volume, and mute. It also has a 16GB memory for storing audio files.

RETEKESS TT127 Self-Guided Audio Guide

On-site + On-demand



Dual
modes



Dual
speaking



41
languages



Range
200m/656ft



Figure 2.2: The Reteless TT127 Self-Guided Tour System, illustrating both the transmitter and receiver units.

2.2. Receiver

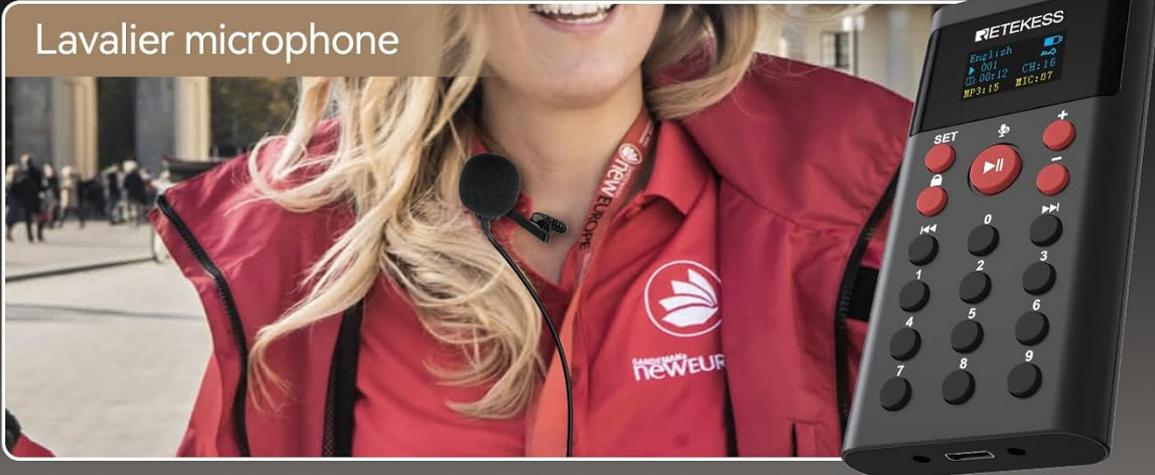
Receivers are distributed to participants, allowing them to listen to the tour guide's explanations or pre-recorded audio. Each receiver is equipped with an earphone for clear audio reception.

2.3. Microphones and Earphones

The system includes a lavalier microphone for the tour guide and ear-hook earphones for participants, ensuring hands-free operation and comfort.

Hands free better usage experience

Lavalier microphone



Head-mounted microphone



Figure 2.3: Illustration of hands-free usage with a lavalier microphone for the speaker and a head-mounted microphone for the listener, enhancing the user experience.

3. SETUP

3.1. Charging the Devices

Ensure all transmitters and receivers are fully charged before use. The transmitter has a 1500mAh battery, providing approximately 12 hours of work time, while the receiver has a 1200mAh battery, offering up to 24 hours of work time.

Battery capacity



Figure 3.1: Battery capacities of the transmitter (1500mAh) and receiver (1200mAh), indicating their respective work times.

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Video 3.1: This video demonstrates the components of a wireless tour guide system, including how to connect microphones and earphones to the transmitter and receiver, and how to use a multi-unit charging station. While this video is for a general AGJ system, the connection and charging principles are similar.

3.2. Powering On/Off

To power on or off, long-press the power button on both the transmitter and receivers. The devices feature a one-key power-off function for convenience.

One key operation

Increase the convenience of operations



Figure 3.2: Visual guide to one-key operations, including pairing, power-off, and mute functions on the device.

3.3. Pairing Devices

The TT127 system supports one-key pairing. Ensure both the transmitter and receivers are powered on and within range. Follow the on-screen instructions or refer to the specific pairing steps in the operation video.

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Video 3.2: This video demonstrates how to automatically pair the Reteless T130 tour guide system. The pairing process for the TT127 model is similar, involving simple button presses to establish a connection between the transmitter and receivers.

4. OPERATING INSTRUCTIONS

4.1. Explanation Modes

The TT127 offers two primary explanation modes:

- **Manual Tour Guide:** The guide speaks live through the transmitter, and participants listen via their receivers.
- **Automatic Tour Guide (Pre-recorded Audio):** The system plays pre-recorded MP3 audio files from its 16GB memory card. This is ideal for repeated explanations in fixed locations.



Figure 4.1: The device offers both on-site (manual) and on-demand (pre-recorded) explanation modes, allowing users to choose based on their specific needs.

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Video 4.1: This video highlights the key features of the Retekess TT127 Self-guided System, including its dual explanation modes and support for main and vice speakers.

4.2. Audio Playback and Selection

The transmitter's 16GB memory card can store 3000-5000 MP3 audio files (bitrate less than 128kbps). Use the navigation buttons on the transmitter to select and play desired audio tracks.

16G memory capacity

Save 3000-5000 musics
MP3 player and bitrate less than 128kbps



Figure 4.2: The device features a 16GB memory capacity, capable of storing 3000-5000 MP3 audio files with a bitrate less than 128kbps.

4.3. Language Selection

The TT127 supports 41 basic languages. Audio files can be categorized by language, allowing for easy selection for multilingual groups.

On-site/On-demand Explanation

Choose the proper one based on the scenes or needs flexibly



Figure 4.3: The system supports 41 languages, facilitating cross-cultural communication.

4.4. Volume and Mute Control

Adjust the volume on both the transmitter and receivers using their respective volume buttons. The transmitter also has a one-key mute function to temporarily stop audio transmission.

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Video 4.2: This video provides a detailed operation demonstration of the Reteless TT127 Automated Tour Guide System, covering various functions including volume, mute, and audio selection.

5. FEATURES

- **Multiple Explanation Modes:** Integrates both manual and automatic tour guide functions.
- **Large-Capacity Memory:** 16GB memory card for pre-storing recorded MP3 audio files.
- **Main and Vice Speakers:** Allows for a division of labor in explanations, with a main speaker for core content and an assistant speaker for details or questions.
- **41 Language Support:** Equipped with 41 basic languages and supports language classification of audio files.

- **Wide Range of Applications:** Suitable for churches, schools, factories, museums, and other venues requiring repeated explanations.
- **Long Transmission Distance:** Up to 200m/656ft in open areas.



Figure 5.1: The system offers a working distance of 200 meters (656 feet) in open areas, ensuring reliable communication.

6. SPECIFICATIONS

Attribute	Value
Item Weight	3.77 pounds
Product Dimensions	10.04 x 7.36 x 6.69 inches
Item Model Number	FF9661A-F9661BX10-F9604A
Batteries	11 Lithium Ion batteries required (included)
Battery Type	Lithium Ion

7. MAINTENANCE

To ensure the longevity and optimal performance of your Reteless TT127 system, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the devices. Avoid using abrasive cleaners or solvents that could damage the surface.
- **Storage:** Store the devices in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For prolonged storage, ensure batteries are partially charged (around 50%) to prevent degradation. Recharge regularly if not in use for extended periods.
- **Cable Management:** Handle charging cables and audio cables with care to prevent kinks or damage.

8. TROUBLESHOOTING

If you encounter issues with your Reteless TT127 system, refer to the following common troubleshooting steps:

- **No Audio from Receiver:**
 - Check if the receiver is powered on.
 - Ensure the earphone is properly connected and not damaged.
 - Verify the receiver's volume is turned up.
 - Confirm the receiver is paired to the correct transmitter channel.
- **No Audio from Transmitter Microphone:**
 - Check if the microphone is securely plugged into the transmitter.
 - Ensure the transmitter is not muted.
 - Verify the transmitter's microphone volume is adjusted correctly.
- **Poor Audio Quality/Interference:**
 - Ensure devices are within the specified operating range (200m/656ft in open areas).
 - Check for potential sources of electromagnetic interference.
 - Try changing the channel on the transmitter if available.
- **Device Not Powering On:**
 - Check the battery level and charge the device if necessary.
 - If the device is completely unresponsive, try performing a reset (refer to the device's specific reset procedure if available).

9. WARRANTY AND SUPPORT

Reteless products are designed for reliability and performance. This product comes with a three-year service, ensuring peace of mind for your investment. For technical assistance, warranty claims, or further inquiries, please refer to the contact information provided with your purchase or visit the official Reteless website for detailed support resources.