

RETEKESS

# TGS-50

## Digital Wireless Tour Guide System

Crystal-Clear Audio | Extensive Range | Sleek & Compact Design

CE



RETEKESS

✉ E-mail: [marketing@retekess.com](mailto:marketing@retekess.com)

📞 Phone: +86-13949112322



## Product Overview

The TGS-50 is a portable wireless tour guide system that integrates digital technology with high-fidelity analog audio processing. It offers excellent anti-interference performance, clear sound quality, and secure communication—ideal for guided tours, conferences, training, and more.

Dual Headphone Outputs - Share the experience with a second listener.

## Key Features

-  Supports Up to 70 Simultaneous Groups
-  Noise Cancellation for clearer voice transmission
-  Channel Lock prevents misoperation
-  OLED Display shows battery, channel, sync status, and noise cancellation setting
-  Auto Screen Off after 1 minute; wake by pressing any key
-  Charging Indicator with status light
-  Signal Indicator stays green during operation
-  Wide Coverage: up to 300m (984ft) in open areas
-  Type-C Charging Port compatible with charging case

## Transmitter (TGS-TX50)



- One-touch control: Pairing, Power On/Off, Mute
- AUX jack for external audio sources
- Bluetooth® connectivity for media devices
- 20 working hours
- adjustable Mic Gain (4 levels)
- Supports a large number of receivers

## Receiver (TGS-RX50)



- Dual headphone jacks
- Volume control (0-15 levels)
- 42 working hours
- Auto power-off after 20 minutes without signal
- Digital transmission + analog sound quality

## Application Scenarios



Group Tours



Factory Visits



Education & Training



Conferences & Meetings

TGS-50 — Enhancing Communication. Anywhere.

## Technical Specifications

Frequency	863-865MHz / 823-832MHz
Channels	70
Frequency Response	20Hz-16kHz
Size	86x53x16mm
OLED Size	22.5x12.5mm
Battery	2000mAh
Working hours	TX 20 hrs / RX 42 hrs

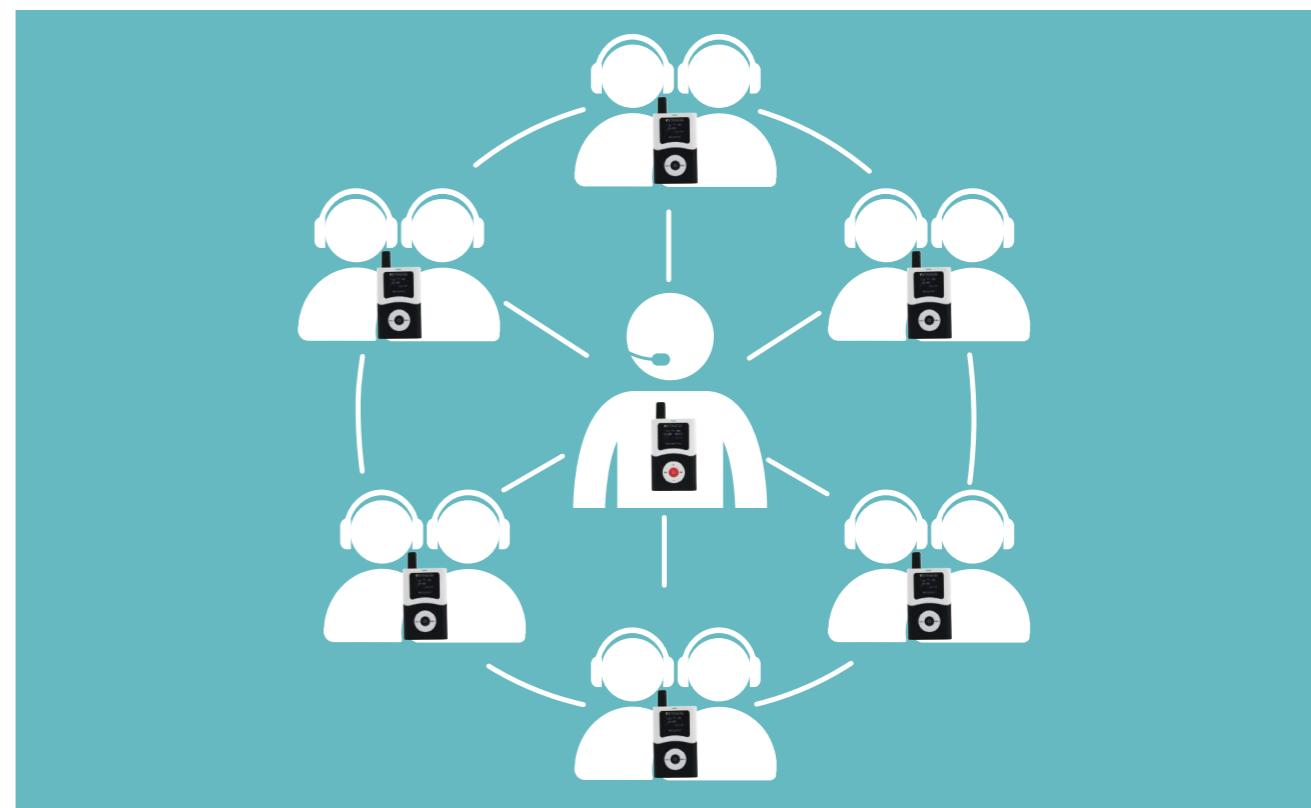
Charging Time	~4 hours
Charging method	Type-C / Charging Case
Audio Jack	3.5mm
Weight	71g
Operating Temperature	-10°C to 50°C
Signal-to-Noise Ratio	87dB

## Key Features

### Supports Up to 70 Simultaneous Groups



### Dual Headphone Outputs-Share the experience with a second listener.



## Accessories

<b>TGS-M01</b> Button Microphone	<b>TGS-M02</b> Microphone	<b>TGS-M03</b> Headset Mic	Lanyard
<b>TGS-E01</b> D-shaped Earphones	Disposable Earphones	<b>TT003</b> Headset Earpiece	<b>TT034</b> Noise Cancelling Headphones
Data Cable	<b>TT002</b> Charging Cable	<b>TGS-CHG50</b> Charging Case 32 slots	<b>TGS-CHG55</b> Charging Case 55 slots