

RETEKESS

TGS-50

Digital Wireless Tour Guide System

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

RETEKESS



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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.

Key Features

-  Supports Up to 99 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 / TGS-RX50 S)



- TGS-RX50: Dual headphone jacks
TGS-RX50 S: One headphone jack
 - Volume control (0-15 levels)
 - TGS-RX50: 42 working hours
TGS-RX50 S: 10 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	480-960MHZ (varies by region)	Working hours	TX 20 hrs / RX 42 hrs / RXS 10 hrs
Channels	1-99	Charging Time	TX & RX: ~4 hours RXS: 2.5 hours
Frequency Response	20Hz-16kHz	Charging method	Type-C/Charging Case
Size	TX: 86x53x16mm RX: 86x53x16mm RXS: 72x46x12mm	Audio Jack	3.5mm
OLED Size	TX: 22.5x12.5mm RX: 22.5x12.5mm RXS: 17x9mm	Weight	TX & RX: 71g RXS: 38g
Battery	TX: 2000mAh RX: 2000mAh RXS: 600mAh	Operating Temperature	-10°C to 50°C
		Signal-to-Noise Ratio	87dB

Accessories



TGS-M01
Button Microphone



TGS-M02
Microphone



TGS-M03
Headset Mic



Lanyard



TGS-E01
D-shaped Earphones



Disposable Earphones



TT003
Headset Earpiece



TT034
Noise Cancelling
Headphones



Data Cable



TT002
Charging Cable



TGS-CHG50
Charging Case 32 slots



TGS-CHG55
Charging Case 55 slots

Key Features

Up to 99 channels depending on region



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

