

- Delivers clear and intelligible speech output.
- Smart pairing and instant automatic cleaning channel scanning.
- Dual Transmitter Design: Allows both the main speaker and the assistant speaker to speak simultaneously, ensuring more comprehensive and detailed information delivery.
- Two-way duplex communication, enabling group members to converse effortlessly.
- LCD screen provides clear display.
- Wireless guide for chatting with up to three people at once



TG-500

Superior Audio Quality + Smart Connectivity

Specification

Model No		TG-500	
Overall System			
Frequency	500-952 MHz (varies by region)		
Modulation	GFSK		
Latency	32ms		
THD at 1KHz	< 1 %		
Service coverage	Indoor: 50m Outdoor: >100m		
Operating temperature	-10 ~ 50°C		
	TG-500T (Transmitter)	TG-500R (Receiver)	
Frequency response	20Hz ~ 17KHz		
Audio sampling	42KHz 16Bit		
RF output power	10 mW	—	
Receiver sensitivity	—	-88 dBm	
3.5mm phone jack	Headset in	Earphone output	
Microphone source	External	—	
Input level	Mic: -40dBV(Max)	—	
Front + & - buttons	Group code selector	Group code selector Volume up/down	
Power button	Power on/off and Mute	Power on/off	
Battery	Li-Polymer Battery (1300mAh / 3.7V)		
Battery life (approx.)	13 hr	17 hr	
Charging source	DC 5V TYPE-C USB		
Charging time	approx. 7 hr		
Charging current	250mA ±10%		
LCD display	Channel, Battery indicator, Volume		
Dimension	40(W) × 24(D) × 82.6(H) mm Antenna length not included		
Weight	48 g		
Color	White	Grey	



TG-500T **TG-500R**



LM-17
Microphone



LM-18
Microphone



EP-01
Single-sided
earphone

The TG-500 and TG-501 are designed to enhance your guided experiences. These systems offer practical upgrades, including Smart Pairing and instant automatic channel cleaning scanning, ensuring a seamless exploration experience.

Charger

TC-02



TC-12



TC-35K



TC-60SA



TC-70



TG-501

Advance Operation + Increase Talker



TG-501T Plus



LMR-18 Headset



EP-03 Headphone



EP-01 Single-sided earphone

T ransmitter



TG-501T

R eceiver



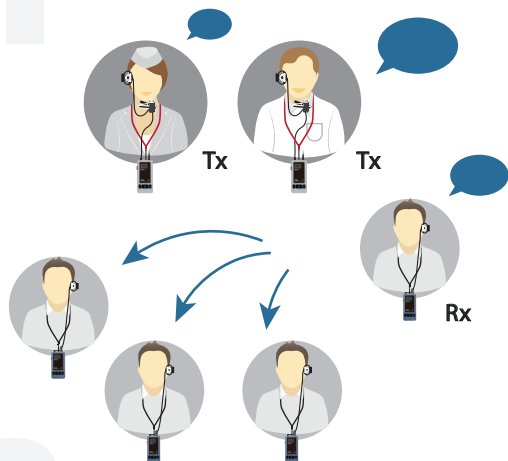
TG-501R

TG-501 features two-way duplex communication, allowing group members to talk easily. Using the TG-501PLUS can further add a third person to speak within the group, making it ideal for more interactive sessions, ensuring everyone stays connected and informed. With features like a clear LCD display and high-quality sound transmission, you'll be sure not to miss any important details while on the road. Whether you are visiting a museum, touring a factory, attending a seminar or taking a walking tour, these systems are the ideal companion for a rich, interactive guided tour experience.

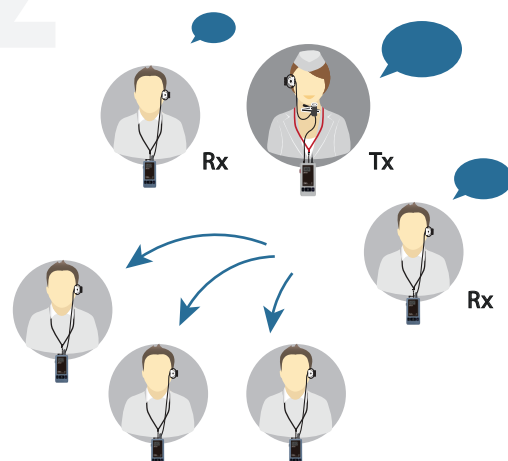
Specification

Model No	TG-501		
Overall System			
Frequency	500-952 MHz (varies by region)		
Modulation	GFSK		
Latency	35ms		
THD at 1KHz	< 1 %		
Service coverage	Indoor: 50m Outdoor: >100m		
Operating temperature	-10 ~ 50°C		
	TG-501T (Transmitter)	TG-501R (Receiver)	TG-501T Plus (Transmitter)
Frequency response	20Hz ~ 10KHz		
Audio sampling	20KHz 16Bit		9KHz 16Bit
RF output power	10 mW		
Receiver sensitivity	-88 dBm		
3.5mm phone jack	Headset in	Earphone output	Headset in
Microphone source	External	Built-in	External
Input level	Mic: -40dBV(Max)	—	Mic: -40dBV(Max)
Front + & - buttons	Group code selector & Volume up/down		
Power button	Power on/off and Mute	Power on/off	Power on/off and Mute
Battery	Li-Polymer Battery (1300mAh /3.7V)		
Battery life (approx.)	13 hr		
Charging source	DC 5V TYPE-C USB		
Charging time	approx. 7 hr		
Charging current	250mA ±10%		
LCD display	Channel, Battery indicator, Volume, 2-way communication indicator		
Dimension	40(W) × 24(D) × 82.6(H) mm Antenna length not included		
Weight	48 g		
Color	White	Slate Blue	White

1 Two transmitters and one receiver



2 One transmitter and two receivers



* Using the TG-501 T-Plus, the group allows three speakers at once.