



# TGS-6 WIRELESS TOUR GUIDE MICROPHONE SYSTEM

Relacart TGS-6 Wireless Tour Guide Microphone System adopts UHF high-fidelity audio transmission technology to ensure stable use in various indoor and outdoor environments, and output high-quality sound, DSP digital audio companding processing can greatly reduce the noise of the wireless transmission. The innovative magnetic suction and soft rubber design is convenient for users to use, and can be attached to the collar, freeing hands to speak easily.

The transmitter has a built-in omnidirectional condenser microphone and also supports external microphones with a 3.5mm jack. The receiver supports TS jack headphone output. The guide wears the transmitter, and tourists can move freely within a 20-meter range.

This wireless tour guide system allows visitors to stay connected to the guide's commentary while exploring freely. This system is ideal for tourism guide, factory tours, church activities, school meetings and more.

## Key Features

### UHF UHF Audio Transmission Technology

- Works in the UHF frequency band, avoiding WiFi with serious interference, ensuring the stability of the wireless connection and providing high-fidelity audio output

### DSP DSP Digital Audio Companding

- 48KHz audio sampling rate to minimize noise in the system wireless connection and providing high-fidelity

### External Microphone Expansion

- In addition to the built-in microphone, the external microphone and line input function can also be used, and the receiver and transmitter can independently adjust the volume audio output

### Multi-Channel Switching

- Both transmitter and receiver support one-key channel switching and display in the LED digital display

### Magnetic Rubber Clip

- The innovative design of magnetic suction and soft glue, including a hot shoe magnet specially designed for the camera, makes the product easy to use, close to the collar during interviews or close to objects with iron, nickel and other metals, such as mobile phones, computers, etc., the novel design of magnetic rubber improves the flexibility of users in product application

### Lightweight and Convenient

- The net weight of the TGS-6 transmitter and receiver is 31.5g each. Compact design, easy to carry

### Anti-Noise

- The product comes with a special microphone windproof furry to ensure clear sound pickup in outdoor or noisy environments

## Product Specification



TGS-6R  
Wireless Receiver



EP-01  
Headphone



TGS-6T  
Wireless Transmitter



RT-C45  
Charging Case

Receiving Bandwidth :	521.25MHz-936.85MHz
Receiving Method :	Superheterodyne
Image Rejection :	45dBm
RF Sensitivity :	When inputting 10dBu, S/N ≥ 45dB
SQ Adjustment :	Built-in setting parameters
Frequency Synchronization Method :	Manual key setting
Maximum Output level (analog) :	0.7Vpp
Output level adjustment range :	3-level adjustable, attenuated adjustment, every 3dB step
Audio Output:	3.5MM TS Jack
Power Supply Mode :	Built-in 3.7V 450mA lithium battery power supply
Normal Working Current :	100mA
Battery Life :	≥ 4 hours when the battery is fully charged
Dimensions :	67 × 32 × 13.5(mm)
Net Weight :	31.5g

Carrier Bandwidth :	521.25MHz-936.85MHz
Oscillation Mode :	PLL frequency synthesis
Transmit Power :	13.5dBm
Carrier Deviation :	0.005%
Harmonic Radiation :	-32dBm
Modulation Method :	FM
Nominal/Max. Deviation Range :	± 65KHz
Maximum Input level :	250mV
Input gain Adjustment :	3 levels adjustable
Input Impedance :	2.2KΩ
Frequency Setting :	manual button to set frequency
Power Supply Mode :	built-in lithium battery or TYPE-C 5V power supply
Normal Working Current :	100mA
Battery Life :	≥ 4 hours when the battery is fully charged
Dimensions :	67 × 32 × 13.5(mm)
Net Weight :	31.5g

Input voltage:	100-240VAC, 50/60Hz
Max. power consumption at full load:	100W
Charging voltage/current (single compartment):	5V/0.4A
Power consumption (single compartment):	2W
Charging slots:	45
Charging time:	<2.5 hours
Charging environment temperature:	-20°C-40°C
Dimensions (WxHxD):	540 x146 x400 mm
Weight:	Approximately: 5.265Kg