



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 microphone. 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 microphone and supports EP-01 earphone or other external headphone input, the receiver supports line output and USB digital output, the speaker carries the transmitter, and guests can walk around within a range of 20 meters to achieve the same wireless tour guide function of interpretation. It is suitable for scenarios such as tour guide introduction, simultaneous translation, and real-time explanation.

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-6 Receiver

Receiving bandwidth:	470MHz~960MHz;
Receiving mode:	superheterodyne
Image suppression:	45dBm
RF sensitivity:	When input 10dBu, S/N ≥ 45dB
Frequency synchronization method:	manual key setting
Maximum output level (analog):	0.7Vpp
Output level adjustment:	3-level adjustable, attenuated adjustment
Digital audio output:	TYPE-C audio, computer USB audio
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(mm):	67 * 32 * 13.5
Net weight:	31.5g



TGS-6 Transmitter

Carrier bandwidth:	470MHz~960MH
Oscillation mode:	PLL frequency synthesis
RF power:	13.5dBm
Carrier error:	0.005%
Harmonic radiation:	-32dBm
FM mode:	FM
Nominal/Maximum Frequency Deviation:	± 65KHz
Maximum input level:	250mV
Input gain adjustment:	3 levels adjustable
Input impedance:	2.2KΩ
Frequency setting:	manual
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(mm):	67 * 32 * 13.5
Net weight:	31.5g



EP01