1
9
2
10
11
7
15
14
3 4 5　　12
Front view　　Rear view　　　Side view

1
9
2
10
11
8
15
14
3 4 5　　12
Front view　　Rear view　　　Side view

6-1
Top view
13
Bottom view
6-2
Top view
13
Bottom view

TG–501T Plus / TG–501T
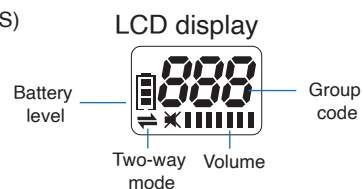Transmitter

TG–501R
Receiver

1. Antenna
2. LCD display
3. Down button for group and volume adjustment
4. On / Off / Mute / Set button — Transmitter
　 On / Off / Set button — Receiver
5. Up button for group and volume adjustment
6-1. Headset socket for Transmitter
6-2. Earphone / Headset socket for Receiver
7. Two-Way communication switch — Main Transmitter(HOS)
　 Talk switch — Secondary transmitter(SLV)
8. Push talk button — Receiver
9. Lanyard connection point
10. Label area
11. Battery compartment and built-in Li-polymer battery
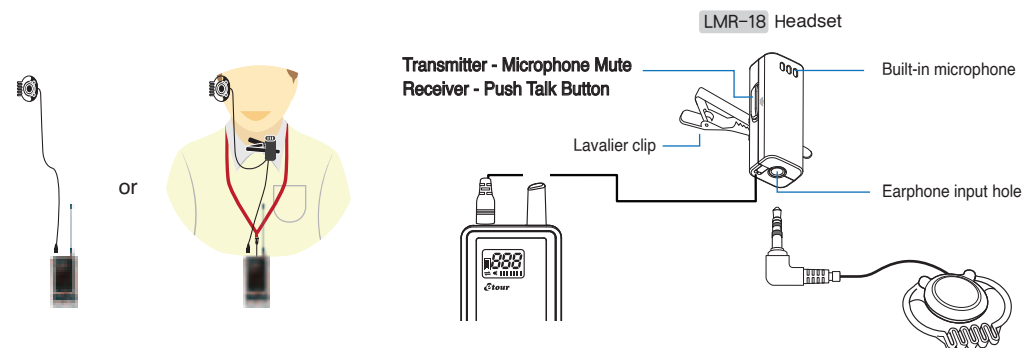12. Lid of battery compartment and screws

13. USB-C charging port
14. Force Shut Down button
15. Built-in microphone

LCD display

Battery
level
Two-way
mode
Volume
Group
code

LCD Display Illustration

	501T / 501TPlus (Transmitter)	501R (Receiver)		501T / 501TPlus (Transmitter)	501R (Receiver)
888	Group change		⇌	Two-way mode on	
🔇	Earphone mute		⇌	There is a secondary transmitter or receiver talking	
◀▮▮▮▮▮▮▮	Earphone volume		888	—	No signal received
◀▮▮▮▮	Microphone is muted	—	🔋→🔋→🔋→🔋	10% ➤ 30% ➤ 70% ➤ 100% battery remaining	

Operating Instructions

Connected to a headset or earpiece:

● Both the transmitter and receiver come equipped with a built-in microphone, allowing users to connect a headset or earpiece as needed.

LMR–18 Headset

Transmitter - Microphone Mute
Receiver - Push Talk Button

Built-in microphone

Lavalier clip

Earphone input hole

or

Power On and Off

• Press and hold the power button ⏻ / ⏻◀× for 2 seconds to turn on the system, and press and hold it again for 2 seconds to power off the system.

• Make sure that the transmitter and receiver(s) are operating under the same code.
The receiver display will keep flashing when no transmission signal is being received.

• When using multiple groups in the same space, avoid using the same group code.

⚠ Power-saving mode:
1.If the receiver does not receive a signal within approximately 20 minutes, it will automatically shut down.
2.If the microphone on the transmitter is in mute mode, it will automatically shut down after 20 minutes.
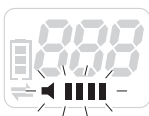
How to Adjust the Volume

Headphone volume：

- ❖ Press the - or + button to decrease or increase the headphone volume.
  When headphone is muted, the 🔇 will appear.

  ⚠️ **Volume memory -** It will set to the last used volume when power on next time.

Transmitter microphone is muted：

- ❖ Press the ⏻◁× button briefly and the volume icon starts flashing ◁||||| , indicating
  the transmitter is in mute mode; press it again to unmute.

Group Code Setting and Adjustment

The factory default group code of the device is "001", which can be customized by the user from 001 to 999. Code adjustments can be set manually or via a dedicated charger.

1: Manual setting

- ❖ Press - and + buttons simultaneously for 2 seconds. The 888 group code starts flashing.
  Press - or + button to select your desired code. Press ⏻ / ⏻◁× button briefly to confirm
  the selected code or wait for approximately 5 seconds to automatically store the selected code.

- ❖ Receiver: Select a different group
  On certain occasions, the receiver can also choose to join a different group by manually adjusting
  the group code.

2: Synchronize group settings through a dedicated charger, please refer to the charger user guide for details.

⚠️ When the transmitter's group code changes, the codes on the receivers in the same group will also be updated simultaneously.

⚠️ The last used group code will be displayed when powering on.

Battery Autonomy and Charging

- • When battery icon is displayed at fully autonomy 🔋 , the battery contains sufficient power.
- • When the battery icon is displayed as empty and flashing 🔋 , this indicates low battery and only
  10% battery remaining. Recharge the battery immediately via USB certified traveling charger
  (optional accessories) or appropriated Linkx charger station. It will take approx. **7** hours to reach full
  charge and provide approx. **13** hours of continuous operation.
- • While charging, the battery icon displays on LCD 🔋 → 🔋 → 🔋 back and forth.

⚠️ The transmitter or receiver will shut down automatically when charging is taking place. If you want to
use the system while it's charging, simply press the power button again to turn the system back on.

Initiate Two-Way Communication Function

The transmitter that is powered on first is the main transmitter, which can activate the two-way communication function and determine whether there can be 2 or 3 speakers.

- • When TG-501T is selected as the main transmitter and two-way communication is enabled, the system
  allows the main transmitter to speak continuously and additionally supports:

  a. 1 secondary transmitter   or   **b.** 1 receiver to speak

- • When TG-501T Plus is selected as the main transmitter and two-way communication is enabled,
  the system allows the main transmitter to speak continuously and additionally supports:

  a. 2 secondary transmitters   or   **b.** 2 receivers   or
  c. 1 secondary transmitter + 1 receiver to speak

⚠️ The conversation will be heard by all the participant within the group.

Main transmitter

- ❖ When the two-way communication switch is turned on ⇄on▭off , two-way
  icon " ⇄ " will appear on all displays in the group.
- ❖ Press the mute button ⏻◁× momentary to mute or unmute the microphone
- ❖ Switch off the two-way communication function ⇄on▭off to end the
  two-way communication mode.

(2-way)
ON

Secondary transmitter

- ❖ The second transmitter that is turned on using the same group code as the
  main transmitter is the secondary transmitter.
- ❖ Slide the two-way communication switch ⇄on▭off to "on" position
  to speak.

  ⚠️ After the speech is completely finished, remember to slide the
  communication function switch ⇄on▭off off to avoid occupying
  the speaking quota.

- ❖ Press the mute button ⏻◁× momentary to mute or unmute the microphone

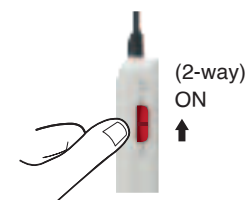(Talk button)
ON

Receiver

- ❖ When you need to speak, press and hold the side button 🔊▭ of the receiver
  while speaking into its built-in microphone on top. When finished, release the
  button so the next person can speak.

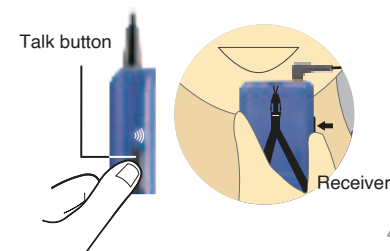 ⚠️ When speaking, the two-way communication icon ⇄ flashes.

  ⚠️ If there is already a secondary transmitter or receiver in the group speaking,
  you must wait for them to finish speaking and release the talk button.

The receiver or
secondary transmitter
is speaking.

- ❖ **A quick double click of the communication button switches the
  receiver to continuous talk mode.**

  When the receiver needs to talk for a long time, he can quickly
  double-click the talk button to lock into continuous talk mode.
  In this mode, there is no need to hold down the button and
  other receivers cannot interrupt the conversation. To exit this
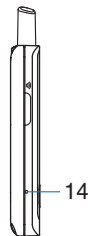 mode, just click the button again.

Talk button

Receiver

Reboot or Restart when the LCD display is Frozen or Stuck

In the unlikely event that your tour guide system becomes frozen and unresponsive, you can attempt a force shut down and then reboot/restart your guide system.

Follow these steps:

1. Find the "Force Shut Down" button (#14) recessed and located on the side of the device
2. Use a pencil or similar sharp object to gently press and hold the button for 1 second. The device will be turned off. Turn on the device again and confirm that the configuration has been restored back to the previous setting.

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Side view

FCC Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:
· Reorient or relocate the receiving antenna.
· Increase the separation between the equipment and receiver.
· Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
· Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 0.5 centimeters between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas used for this transmitter must be installed to provide a separation distance of at least 0.5 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

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