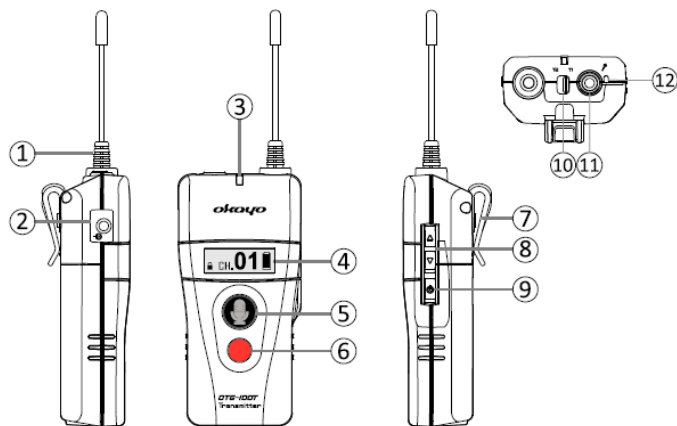


OTG-102

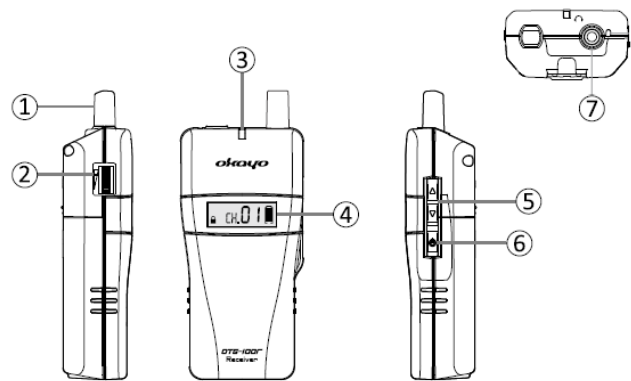
Omnitour Guiding System (User Manual)

OTG-102T



1. Whip antenna
2. Aux-in jack
3. Signal/Status indicator
4. OLED screen (see below)
5. Talk/Mute button
6. Call button
7. Belt clip
8. Up/Down button
9. Power button
10. T1/T2 switch
11. Microphone jack
12. Inbuilt microphone

OTG-102R



1. Antenna
2. Volume control
3. Signal/Status indicator
4. LCD screen (see below)
5. Up/Down button
6. Power button
7. Earphone jack

• Transmitter

1. Press both ▲ (8) and power(9) buttons to turn transmitter on.
2. Following settings will show up in sequence for selection via ▲ or ▼ button (8).

✓ Mic Gain	➤ 1~5 (default: <u>3</u>)
✓ Channel Lock <i>Auto channel lock when the transmitter is turned on.</i>	➤ <u>ON</u> ➤ OFF
✓ RF Power	➤ Hi ➤ <u>Low</u>
✓ ADNR	➤ OFF ➤ LOW ➤ MID ➤ HI
✓ Audio Priority Simultaneous transmission for both AUDIO and MIC. If this function is activated (<u>ON</u>), only audio will be transmitted (MIC message will be muted).	➤ ON ➤ <u>OFF</u>

3. To confirm (underline) each selection, press the power button (9) and enter next setting.
4. When final selection is completed, the transmitter will exit the menu and automatically be turned on afterwards.

• Receiver

1. Press both ▲(5) and power (6) buttons to turn receiver on.
2. Following settings will show up in sequence for selection via ▲ or ▼ button(6).

✓ Channel Lock <i>Auto channel lock when the receiver is turned on.</i>	➤ <u>ON</u> ➤ OFF
✓ Auto Power-Off <i>Receiver will automatically be off if it does not get the transmitter signal for 20 minutes.</i>	➤ <u>ON</u> ➤ OFF
✓ Auto Power-On <i>Receiver will automatically be powered on when leaving charger.</i>	➤ ON ➤ <u>OFF</u>
✓ Alarm <i>Out-of-range alarm will be activated if receiver does not get the transmitter signal for 3 minutes.</i>	➤ <u>ON</u> ➤ OFF
✓ Earphone Output <i>Earphone level can be tuned to be compatible with HAC users.</i>	➤ <u>LOW</u> ➤ HI

3. To confirm (underline) each selection, press the power button (6) and enter next setting.
4. When final selection is completed, the receiver will exit the menu and automatically be turned on afterwards.

◆ Back to default

Settings on both transmitter and receiver can be back to default at any time if ▲, ▼(8) (5)and power (9) (6) buttons are pressed simultaneously when transmitter/receiver is off. Followings are default settings for transmitter/receiver.

- **Transmitter**

- ① Channel: 01
- ② Channel Lock: ON
- ③ RF Power: Low
- ④ Mic. Gain: 3
- ⑤ Audio Priority: OFF
- ⑥ ADNR: Mid

- **Receiver**

- ① Channel: 01
- ② Channel Lock: ON
- ③ Auto Power-Off: ON
- ④ Auto Power-On: OFF
- ⑤ Alarm: ON
- ⑥ Earphone out: Lo

Federal Communication Commission 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.

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 SAR evaluation:

This equipment complies with SAR test exclusion thresholds.

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.

IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

OTG-102T	
Emission modulation	4 GFSK
Frequency range	470~608 MHz
RF power	Low : 10 ± 2 dBm Hi : 13 ± 2 dBm
Sampling rate(SR)	12+12 kHz
Operating range	> 60 M @ Low power > 100 M @ Hi power with OTG-102R, Indoor Field face to back
Frequency response	300 Hz ~ 4.5kHz with OTG-102R Ear. output
BLE Frequency range	2402~2480 MHz
BLE Operating range	> 5 M
Operating temperature	-10 ~ +60 °C
Battery life	> 15 hours with 2100 mAh Type Ni-MH Rechargeable > 15 hours with Alkaline batteries
Mic in /Aux in connector	3.5 mm jack socket
Certification standard	FCC 、 CE
Dimensions(D*W*H)	24*46.5*95 mm without Antenna & Belt clip
Weight	55 $\pm$ 5 g without batteries

OTG-102R	
Emission modulation	4 GFSK
Frequency range	470~608 MHz
Latency (Delay time)	16.4 ~ 24.5 ms
Frequency response	300 Hz ~ 4.5 kHz with OTG-102T
Operating temperature	-10 ~ +60 °C
DC Current	40 $\pm$ 5 mA @ no load 2.4 V
Battery life	> 45 hours with Alkaline batteries*2
Ear-out connector	3.5 mm jack socket
Dimensions(D*W*H)	24*46.5*108 mm
Weight	55 $\pm$ 5 g without batteries