

Dear Customer,

Thank you for purchasing Takstar WTG-650 Tour Guide System. To better understand and use the product, please read this manual thoroughly. If you have any questions or suggestions, please contact our local sales outlet.

## ■ Features

- UHF transmission for stable use up to 100m in open areas.
- Detachable mic with high sensitivity and clear sound.
- 50 adjustable channels to prevent crosstalk between systems.
- Transmitter enables remote one-button receiver pairing and powering off.
- Wireless playback of audio from phones and computers.
- Non-in-ear receiver design, lightweight, comfortable and hygienic.

## ■ Package Contents

- n × WTG-650 Transmitter
- n × Earhook Receiver
- n × Charging Case
- n × Headset Mic (HM-700)
- 1 × User Manual

Note: Quantity n is defined by client requirements.

## ■ Applications

Tourism, religious activities, simultaneous interpretation, reception visits, large conferences, lectures, industrial workshop, etc.

## ■ Specifications

### Transmitter

- Frequency Range: 960-1000MHz
- No. of Channels: 50CH
- Transmission Power: 18dBm
- UHF Operating Current: 220mA
- Bluetooth Mode Current: 260mA
- Frequency Response: 20Hz-4kHz
- Distortion: <1%
- Signal-to-Noise Ratio: 80dB
- Input/Output Interface: 3.5mm
- Battery Capacity: 2000mAh
- Charging Current: DC 5V/400mA
- Dimensions: 86\*50\*18.5mm
- Weight: Approx. 81g
- Charging Indicator: LED display
- Playtime: Approx. 10 hours
- Antenna: External antenna
- Effective Distance: Approx. 150m

### Earhook Receiver

- Frequency Range: 960-1000MHz
- No. of Channels: 50CH
- Operating Current: 15mA
- Frequency Response: 20Hz-4kHz
- Distortion: <1%
- Signal-to-Noise Ratio: 80dB
- Battery Capacity: 260mAh
- Charging Current: DC 5V/230mA
- Dimensions: 52\*27\*12.5mm
- Weight: Approx. 16g
- Function Indicator: LED light
- Storage Capacity: 512MB
- Operating Distance: Approx. 150m

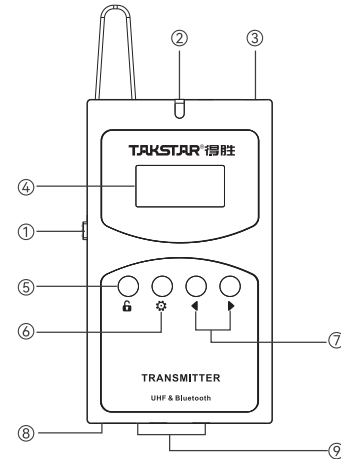
### Charging Case

- Charging Slots: 54 RX + 2 TX
- AC Input: 110-220V/AC
- DC Output: 5V/DC
- Dimensions: 560\*130\*370mm
- Weight: Approx. 5.2kg
- Functions: Storage & Charging

Note: The above data are measured by Takstar laboratory which has the final interpretation right!

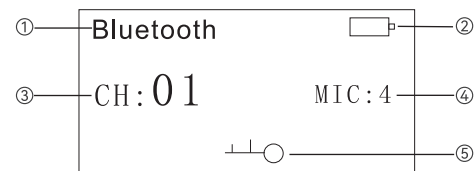
## ■ Function Descriptions

### Transmitter



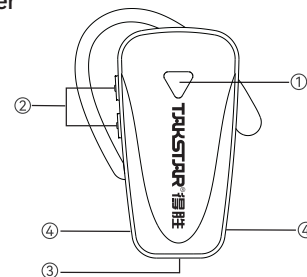
- ① Power Switch: Set to ON or OFF to power on/off the device respectively.
- ② Indicator Light: Shows device status such as pairing, wireless playback pairing and battery level via different light colors and patterns.
- ③ Mic Interface: Insert a ø3.5mm mic plug for sound pickup.
- ④ Display Screen: Real-time display of current battery level, operating channel, mic volume, wireless connection status, etc. Screen off if idle for one minute, press any key to wake up screen.
- ⑤ Lock/Unlock Key: Long-press to lock or unlock the device.
- ⑥ Volume Adjustment Key: While unlocked, short press key to adjust and cycle through 4 mic volume levels.
- ⑦ Channel Adjustment Key: While unlocked, short press or key to adjust to the desired channel, 50 channels in total.
- ⑧ Type-C Interface: Insert a Type-C charging cable to connect a USB power source for charging.
- ⑨ Charging Contacts: Place the transmitter in the charging slot of the charging case. The charging contacts on the transmitter will connect with the contacts in the charging slot to charge the transmitter.

### Transmitter Display



- ① Wireless Playback Status
- ② Battery Level
- ③ Current Channel
- ④ Mic Volume
- ⑤ Lock Symbol

### Earhook Receiver



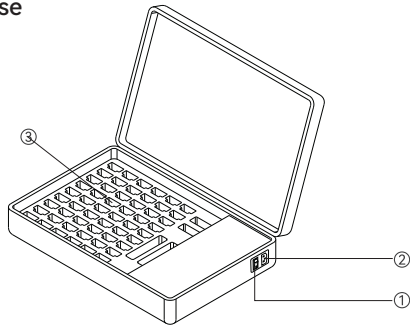
- ① Power Button & Indicator Light: Long-press to turn the power on or off. While powered on, indicator light illuminates solid blue if no transmitter

signal received, and turns solid green if receiving transmitter signal; blinks red when low power, illuminates red while charging and red light off when fully charged.

(Note: Receiver auto shuts down if over 20 minutes without connectivity to transmitter, at this point the indicator will turn off.)

- ② Volume Adjustment Button: While powered on, press button ▲ to increase volume and button ▼ to decrease.
- ③ Type-C Interface: Use a Type-C charging cable to connect an adapter for charging the receiver.
- ④ Charging Contacts: Place the receiver in the charging slot of the charging case. The charging contacts on the receiver will connect with the contacts in the charging slot to charge the receiver.





## Charging Case





- ① Power Switch: Switch to ON to power on the charging case, and the LED will illuminate red. Switch to OFF to turn off the power, and the red LED will go off.
- ② Power Interface: For supplying power to the charging case by connecting it to a mains power outlet via a power cord.
- ③ Charging Slots: Place the transmitters/receivers in the corresponding charging slots, and turn on the power switch of the charging case to charge the transmitters/receivers.

## ■ Operating Instructions




### 1. Unlock settings

After powering on the transmitter, long-press  button until the  symbol on the display disappears to unlock. Once all desired settings are adjusted, long-press  button again until the  symbol appears again to lock settings.



### 2. Adjust channel

When the transmitter is powered on and unlocked, use the  or  button to decrease/increase frequency channel to the desired one.



### 3. Pair all receivers in one key

Power on both the transmitter and the earhook receivers. Then, long-press  button on the transmitter to unlock it. Use  or  button to adjust to a desired channel. At this point, a "CHANGE CHS" symbol will appear on the transmitter's display as it starts pairing process, and disappear when pairing finishes. The receiver's indicator light will illuminate green if paired successfully.

### 4. Shutdown all receivers in one key

With the transmitter powered off, simultaneously press and hold  and  buttons while turning on the device. The display screen will show the "ALL OFF" prompt, indicating successful shutdown of all earhook receivers. (This operation should be performed within the effective range of the receivers.)

### 5. Enable/Disable wireless playback



Simultaneously press and hold  and  buttons on the transmitter while turning on the device. The display screen will show the "Bluetooth" symbol,

indicating on the device. The display screen will show the "Bluetooth" symbol, indicating that the wireless playback function is enabled. Repeat this operation to disable wireless playback, and the "Bluetooth" symbol will disappear.

### 6. Wireless playback pairing

First, enable the wireless playback function on the speaker. Then, access the settings on your phone and enable wireless playback function. Wait for your phone to detect TAKSTAR WTG-650 device, and tap on it to establish connection. Pairing is successful if the indicator light on the speaker changes from rapid blinking blue to three quick flashes followed by a two-second pause. Now you can use your phone, computer, tablet, or other devices to wirelessly play music.

### 7. Mute/Unmute microphone

Power up the transmitter, and while it's locked, long-press  button until the "MUTE" symbol appears on the display to mute mic. Long-press  button again until the "MUTE" symbol disappears to resume mic pickup.

### 8. Transmitter indicator description

Device Status	LED Indicator
Charging	Solid red
Fully charged	Red off
Non wireless playback mode	Solid green
In wireless playback mode	Power on: Rapid blue flashes
	Pairing finished: Slow blue flashes

## ■ Safety Instructions

To avoid electric shock, overheat, fire, radiation, explosion, mechanical risk and injury or property loss due to improper use, please read and observe the following items before use:

1. Please check if the power of the connected equipment matches with that of this product before operation. Adjust the volume to proper level during operation. Do not operate at over-power or high-volume level for extended time to avoid product malfunction.
2. If there is any abnormality during use (e.g., smoke, strange odor), please kill the power switch and unplug from power source, then send the product to the local after-sales service for repair.
3. When using replaceable batteries, do not use batteries with damaged insulation on the casing. Do not attempt to charge non-rechargeable batteries.
4. Keep this product and its accessories in a dry and ventilated area. Do not store in a humid or dusty area for extended time. Keep away from fire, rain, liquid intrusion, bumping, throwing, vibrating, or from blocking any ventilation openings, to prevent malfunction.
5. The product must, when installed on walls or ceilings, be fixed firmly in place at adequate strength to prevent from falling.
6. Please abide by safety rules during operation. Do not use the product in places prohibited by laws or regulations to avoid accident.
7. Do not disassemble or repair the product by yourself to avoid injury. If you have any questions or require any services, please contact our local after-sales service.