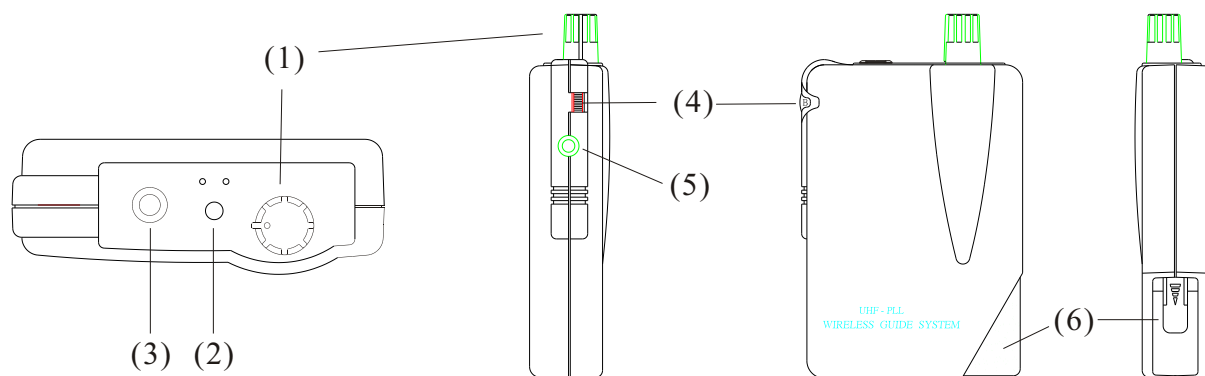


User's Guide

**UHF-PLL TRANSLATION
TOUR-GUIDE SYSTEM**

Basic Operation



1. Power Switch and Volume Control

On : Turn the button in a clockwise direction until the turn-on sound is heard. In 0.5 seconds, the receiver will be in the standby mode.

Off : Turn the button completely in a counter-clockwise direction until the turn-off sound is heard. In 0.5 seconds, the receiver will stop its functioning completely.

Volume Control : After the receiver is turned on, turning in a clockwise direction will increase the volume. A counter-clockwise direction will decrease the volume.

Note : When the receiver is on a standby mode, do lower the volume to avoid damaging the ears when the earphone is too loud.

2. Receiving Light & Low Power Signal Light

Green Light : When the receiver receives a RF signal from the emitter, the LED will indicate green light

Red Light : After the receiver has been in use for some time and the battery power is insufficient, the LED will indicate red. At this time, it is necessary to change to fully-charged standard-sized batteries.

3. Earphone Output : To use a 3.5Φ Double ear piece or single ear piece

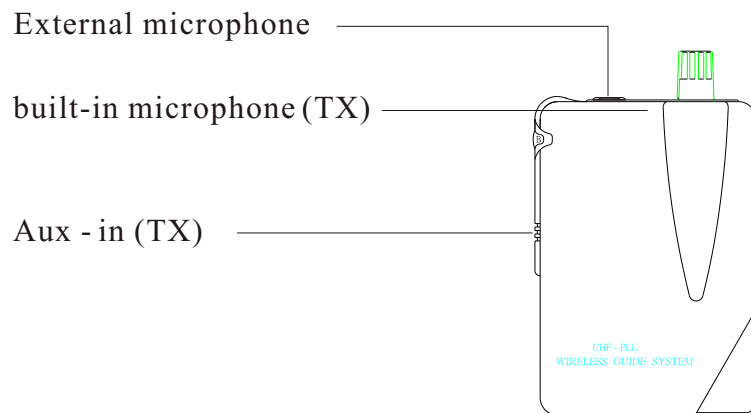
4. CH Switch: A choice of 16 different frequencies

5. AUX OUT : Can be connected to an AMP and transmitted through a speaker. ([Transmission](#)) AUX IN : Can be connected to an MP3 and transmitted volume to receiver (receiver)

6. Battery Box :

1. When the power signal light is red, please turn off the receiver. Make sure that the machine is not operating before removing the old batteries and changing to new ones.
2. When changing batteries, the standard AAA size must be used. Please also check that there is no power leakage in the batteries. When there is no problem, put in new batteries to ensure the quality and lifespan of the machine.

Built-in Mic.



1. Transmitter with built-in condenser mini mic.
or external microphone (Mic. jack).
or Aux - in (MP3)
2. Aux-in (MP3) ON. The External Mic. and Built-in mic. OFF.
External mic. ON. The Aux-in (MP3) ON. Built-in mic. OFF

Main Features

Transmission :

1. This machine is certified to have met the FCC standard.
2. Transmission Output 10Mv 16ch
3. Simple Small-sized Emitter and Receiver
4. Usable without connection to external microphone
5. Built-in Antenna

Rrceiver

- 1 This machine is certified to have met the FCC standard.
2. Specially designed for low power reception use. Light-weight and easy to operate.
Noise control and 16 different frequencies to choose from.

Caution for use

1. Avoid placing machine under exposure to direct sunlight or near heating origin. Avoid humid and water source areas.
2. Avoid keeping and using machine in a car with no air-condition for a long period of time. (especially in summer)
3. Please use a piece of soft damp cloth dabbed with a neutral cleansing detergent when wiping the machine exterior. Avoid using a wet cloth to avoid any damage due to liquid intrusion.
4. On rainy days or in incidents when the machine comes into contact with water, turn off the power immediately and remove the batteries. Then place the machine in a dry area until the machine is completely dry before the next usage.
5. When the machine breaks down, turn off the power immediately and remove the batteries. Then allow the professional personnel from the authorized agents or main office to fix the problem.

Specifications

Transmission

1. Frequency Range	740 ~ 806 MHz 16CH (250kHz)
2. Communication System	Single Emission
3. EW	F3E
4. Output Power	10mW
5. Battery	AAA sized 1.5V x 2
6. Operation Temperature	-10°C ~ +50°C

Receiver

1. Receiving Frequency	740M ~ 806MHz
2. Channel Selection	16CH (250K Frequency Resolution)
3. Receiving System	Phase Lock Loop
4. Audio	3.5 mm ear piece output *1 (3.5mm AUX OUT *1)
5. Output Frequency	20Mw (16Ω Load)
6. Operation Temperature	-10°C ~ +50°C
7. Battery	AAA sized 1.5V x 2
8. Measurement	92.7 x 62 x 21.1mm
9. Weight	87.5 g
10. Reception Distance	60M ~ 70M

When To Change The Battery

Once the power supply is turned on for some time, you should first turn off the power supply and then change the batteries if

- (a) there is a shortening in the reception distance
 - (b) the sound quality deteriorate
 - (c) the 'Weak Power Supply' signal appears (i.e. an orange light
- (P.S. : When the power signal is red, it will stop functioning automatically.)

Note

Usage in hospitals is only allowed if approval is given.
The emission of this machine could affect special medical equipment.
Do not turn on the power supply in specific restricted areas.

Warning

When on flight, do not activate the transmitter. When machine is operating, it could disrupt the flight instrument and result in a malfunction