

User Manual

KENNET

Wireless Digital Tour Guide System

KR-2.4G-T/R Series

16-channel Digital Tour Guide System

● Transmitter

1. Main power switch:

Slip to “入” and see red mark show main power on.

Slip to “切” and see black mark show main power off.

2. Mic input jack : for φ 3.5mm ECM microphone and Mono plug

3. Power/Transmission indicator :

LED lights green when unit turn on and transmit.

LED lights red when unit standby.

After 3 min when microphone mute or almost quite environment, unit will change to standby mode.

And you can call wake-up when microphone signal happen again.

If microphone still not turn on over 15min, transmitter will turn off itself to save power .

And you should re-press PWR to turn on when you want to work.

4. LCD screen:

(1) 1~16 channel display

(2) Battery capacity display: Unit will turn off after battery display show empty and flash 10 times.

5. Mute switch:

Slip to “入” means microphone normal work.

Slip to “切” means microphone function off.

6. Power ON/OFF button :

Press and hold on 1 second to turn on.

Press and hold on 2 seconds to turn off.

7. Channel buttons :

Press “+” to up channel

Press “-” to down channel

8. Fastener : to hang up cord.

9. Built-in microphone : Work when external microphone do not plug in.

10. Battery cover

11. Battery compartment: AA-type*2pcs

12. Charging interface : support standard USB charger.

● Receiver

1. Main power switch:

Slip to “入” and see red mark show main power on.

Slip to “切” and see black mark show main power off.

2. Volume control : for volume adjustment

3. Earphone jack : for Φ 3.5mm mono-type plug

4. Power/Reception indicator :

LED lights red when unit turn on and no reception.

LED lights green when unit receive signal.

If unit do not receive signal over 15min, unit will turn off itself to save power .

And you should re-press PWR to turn on when you

want to work.

5. LCD screen :

(1) 1~16 channel display

(2) Battery capacity display: Unit will turn off after

battery display show empty and flash 10 times.

6. Power ON/OFF button

Press and hold on 1 second to turn on.

Press and hold on 2 seconds to turn off.

7. Channel buttons :

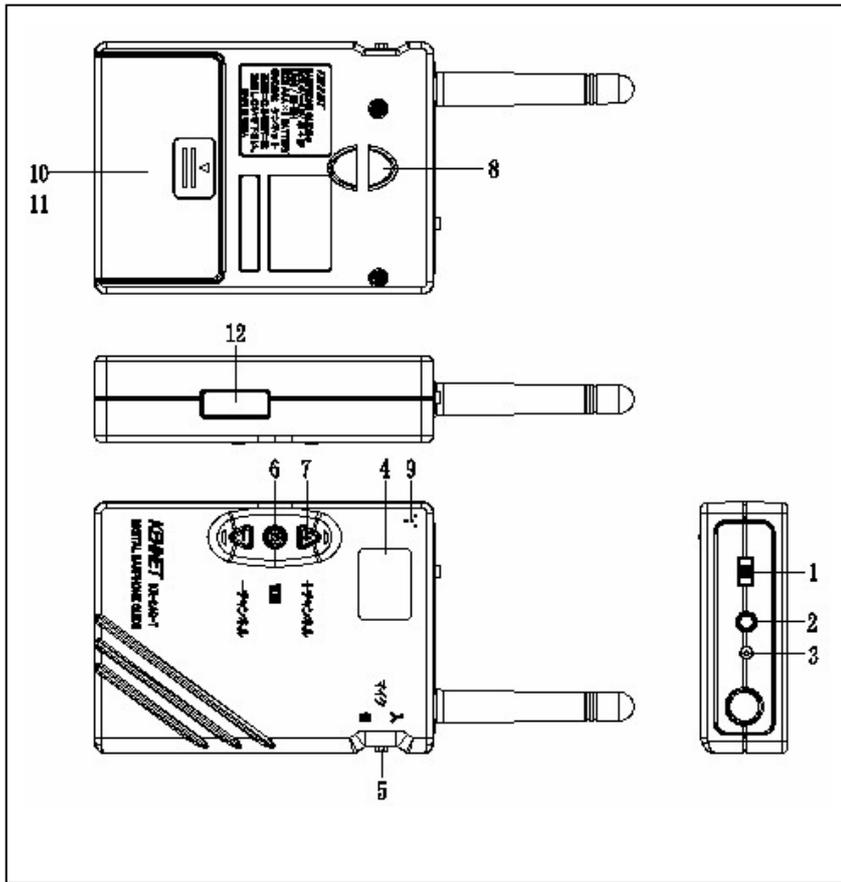
Press “+” to up channel

Press “-” to down channel

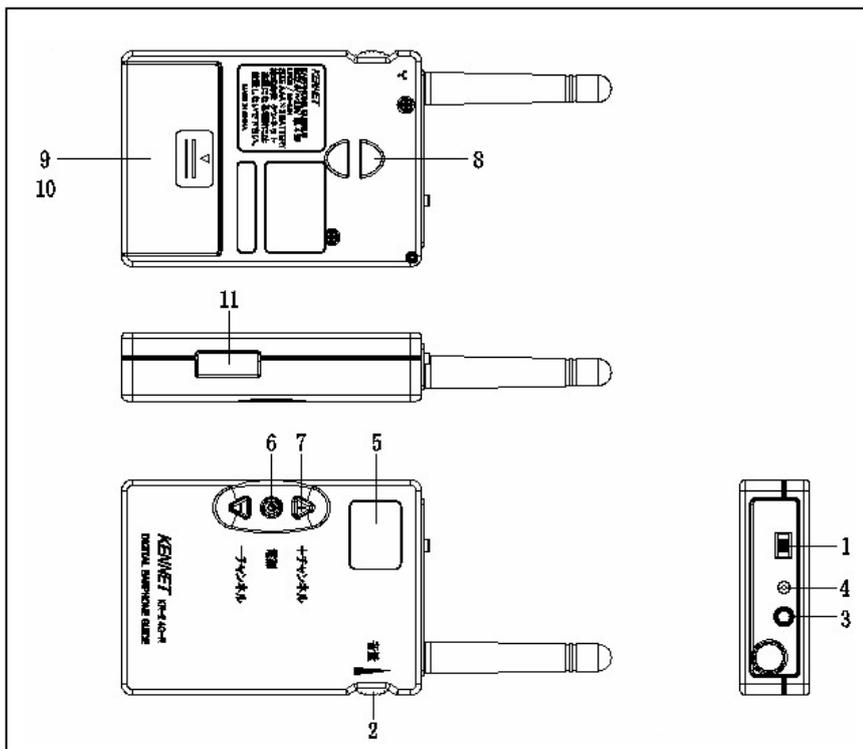
8. Fastener : to hand up cord.

9. Battery cover

10. Battery compartment: AAA-type*2pcs



Transmitter



Receiver

FEATURES

● Transmitter.

1. Two ways for audio input :

- (1) Through external microphone
- (2) Direct talk using built-in microphone without external microphone.

2. LCD screen:

- (1) 1~16 Channel display
- (2) Battery capacity display:

3. Power on /Transmission indicator

4. Standby when 3 min no action and switch off automatically after 30 min passed .

● Receiver

1. 3.5 mm mono jack available for earphone

3. LCD screen:

- 1) 1~16 Channel display
- (2) Battery capacity display

4. Power on/ state indicator

● Tips in use

1. Each one should separate at least 4 meters if more than 2 transmitters are used concurrently.

2. When many transmitters and receivers are used concurrently, Please make sure each group should separate at least 4 meters to avoid interference.

TROUBLE SHOOTING

● Can not switch on:

1. Check if batteries were inserted?
2. Check if batteries put correctly?
3. Make sure batteries are in good condition if rechargeable batteries were used
4. Check if batteries were out of energy?
5. Return units to the place of purchase when above methods could not sort out problems.

● Receiver does not output any voice:

1. Check if both transmitter and receiver are on same channel?
 2. Check if volume control on receiver had been switched to a moderately level?
 3. Check if microphone on transmitter or earphone on receiver were in good condition?
4. Check if both transmitter and receiver were out of transmission and reception range?

● Interference found on transmitter:

1. Please use different channels while 2 or more transmitters were used simultaneously; or try more channels until there isn't any interference.
2. Interference might come from other wireless products, such as WiFi or radio that have same frequency, please try more channels to find a clean one.

Overall Specifications	
Modulation	GFSK, Direct Sequence Spread Spectrum
Frequency range	2404 ~ 2473MHz
Scalable channels	16 channels
Frequency response	100 ~ 14 kHz
Battery	Normal using: 2 AA 1.5V alkaline batteries. Rechargeable using: 2 AA 1.2V Ni-MH rechargeable batteries, 1600 mAh
Operation range	>=50 meter (in the room), >=100 meter (open field)

Transmitter Specifications	
Built-in microphone	condenser microphone
Antenna	Internal
Output power	10mW
Audio input	3.5mm Mono plug condenser microphone
Operation time	> 10 hours
Dimensions (H*W*D)	D21.8*W64*H85.6 (mm) w/o antenna
Weight	106g (with batteries)

Receiver Specifications	
Sensitivity	-97dBm
Antenna	Internal
Earphone output level	30mW @ 32Ω
Earphone jack	3.5 mm Mono jack
Operation time	> 15 hours (typical)
Dimensions (H*W*D)	D18.5 * W58 * H80.5 (mm)
Weight	116g (with batteries)

● Statements

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.

Modifications not expressly approved by this company could void the user's authority to operate the equipment.

NOTE: 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 or more 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.