General Description

IS-08NT/NR
2.4GHz Frequency Hoping Digital TRANSMITTER AND Base
INSTRUCTION MANUAL

IS-08NT/NR consists of a Base and transmitter. Read these instructions carefully for correct use and retain it for reference in future.

<u>SYSTEM CONFIGURATION</u>

- 95 channels are possible in the 2400~2483 MHz bandwidth.

- Transmission range reaches up to 350 meters in free area.

- IS-08NT/NR conforms to RF regulations of FCC part 15.

- Power: 12 VDC,

   Adaptor: For Charging 9VDC 400 mA Class 2 transformer wall adaptor provided.

- Interconnection: RJ jack & cord provided

- Dimension: Transmitter   66(L) × 46 (W) × 24 (H) mm

                BASE 75 (L) × 73(W) × 65 (H) mm

- Color: black & black

- Do not use this product near water, *i.e.*, near a bathtub, wash bowl, kitchen sink or laundry

   Hub, in a wet basement, or near a swimming pool.

- Do not use this product to report a gas leak in the vicinity of the leakage area.

<u>FEATURES</u>

- Longer range   • Better voice quality

- 95 channels operation   • Auto stand-by

- LED indicator for out of range warning

- High performance chipset   • Low battery LED indicator

- Li-ion battery (3.6 VDC, 1200 mAh)

- Internal & external microphone
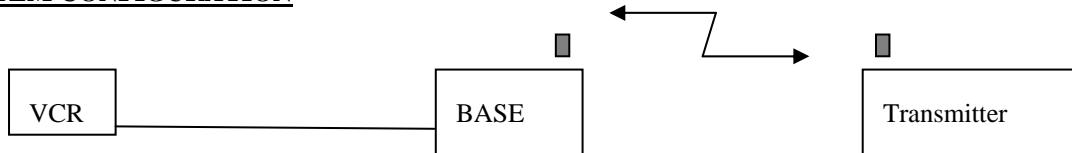
2.4GHz FHHS DIGITAL Transmitter/Docking
MODEL: IS-08NT/NR USA VERSION

CHARGING THE BATTERY (FULL CHARGE)

1. Once the BASE has power connection, place the transmitter in its cradle on the BASE.
2. Leave the transmitter on the cradle for at least 12 hours for a full charge.

PREPARING FOR INITIAL USE

1. Ensure that the fully charged before initial use.
2. Check line and power connections to the BASE.
3. Select the ON position of power switch
4. Push the TALK button of the transmitter to check the operation.

OPERATION

1. Supply 12 VDC power into the BASE using the provided AC adaptor.
2. Separate the transmitter from the BASE and turn on the transmitter.
3. Push the TALK button on the transmitter. When the antenna icon on the LED of the transmitter is displayed steadily, the communication channel between the BASE and transmitter has been setup and the transmitter is transmitting the audio signal. On the other hand, when the antenna icon blinks, the frequency channel between the BASE and transmitter does not match. Place the transmitter in its cradle on the BASE. Put Transmitter on the Receiver (Charging). Press and hold TR's talk button over 5 sec's. Unhold the talk button. The TR+RE' Green LED is blinking 5 times and will be heard a confirm tone. the communication channel has been setup and the transmitter is ready to operate normally.
4. When the antenna icon is displayed on the LED window of the transmitter by pressing the toggling TALK button, the transmitter is transmitting the audio signal and the BASE outputs the active-high digital signal on the talk-mode output pin.
5. When the active-low digital signal exists on the video-on input pin of the BASE, a recorder icon is displayed on the LED window of the transmitter.

SPECIFICATIONS

1. Frequency Hoping / RF channel exclusion / Dual slot Antenna Diversity

2. Audible / LED display Out of Range warning.

3. Audible / LED display Low battery warning.

4. Earphone jack (transmitter Free)

5. Charging Status Indicator (Charging / Full charge)

6. Talk On/Off Key

7. Recording On/Off Indicator

8. Transmitter Power switch control

9. Frequency Range: 2401.056MHz ~ 2482.272MHz

10. Up to longer Range

13. Data speed (via air interface) : 24kbit/sec

14. Modulation: GFSK   15. Channels: 95   (Channel spacing 0.864MHz)

16. Rx/Tx slots: 4/4   17. Fast Frequency hoping: Up to 800 hops/sec

18. Standard Compliance: FCC part 15.247/249