

Wireless Microphone System

INTRODUCTION

It is an extremely cost-effective UHF wireless microphone that can be used in recording and broadcasting systems and tour guide systems. The recording system is compatible with smart-phones (3.5mm interface), digital/SLR cameras, camcorders, recorders, tablets, and other devices to assist in picking up high-fidelity audio; this product is suitable for interviews, micro-film recording or commercial presentations, etc. The transmitter supports microphone input interface; The receiver is equipped with a headset monitoring function, and the effective working distance is 90 meters in an open field contract. The guide system supports the transmitter to correspond to unlimited receivers, the receiver has automatic frequency search function, and infrared frequency linking function, which makes debugging more convenient.

Featured function introduction

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1 Ultra-low bottom noise makes the recording sound quality better.
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2 The transmitter with adjustable recording sensitivity can cope with recording in different environments.
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3 Real-time monitoring of recording volume and surrounding scene status.
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4 With 100 optional frequencies, the radar sweeps out clean channels and automatically eliminates interference channels.
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5 Infrared framing can quickly synchronize the frequency.
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6 The dual-channel receiver has dual antennas for longer distance and more stable.
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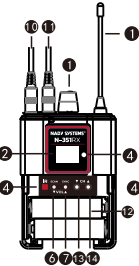
7 The volume of the AB channel can be individually controlled.
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8 The AB channel power independent switch, when only one of the channels is used, manually close the unused channel to reduce the current and increase the product use time.
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9 The sound picked up by the high-sensitivity pickup is more delicate.

Features

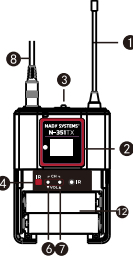
receiver



Receiver

- Receiver antenna
- OLED display
- Power switch/monitor headphone volume
- Infrared receiver
- Infrared emission window
- The button to decrease the volume of channel A/Long press the button for 2 seconds to enter the search mode without interference
- The button to increase the volume of channel A/long press for 2 seconds to enter the infrared synchronization frequency mode
- The button to increase the chapter volume of channel B/Long press the button for 2 seconds to enter the search mode without interference
- The button to reduce the volume of channel B/long press for 2 seconds to enter the infrared synchronization frequency mode
3. 5MM recording and broadcasting output
- Headphone monitor output
- Battery compartment
- Increase the frequency
- Lower the frequency

Transmitter



Transmitter

- Transmitter antenna
- OLED display
- Transmitter power switch (touch the button to enter the silent mode; long press for 1 second to turn on/off the device)
- Infrared receiver
- Infrared emission window
- The audio sensitivity increases (press buttons 6 and 7 at the same time to enter the frequency modulation mode, and the button 6 becomes the frequency up)
- The audio sensitivity is reduced (press buttons 6 and 7 at the same time to enter the frequency modulation mode, and the button 7 becomes the lower frequency)
- Microphone input (when inserting the microphone, turn it clockwise to tighten and counterclockwise to loosen)
- Battery compartment
- Infrared button (press to transmit infrared signal)

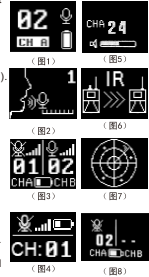
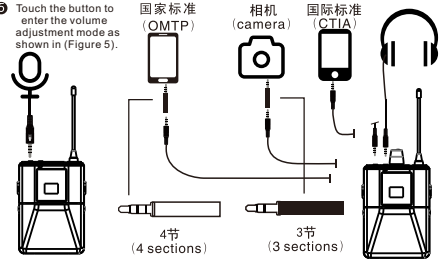
Recording Guide:

Transmitter connection tutorial

- Install the battery and press and hold the power button for one second to turn on the power (the boot screen is shown in Figure 1).
- Plug in the microphone input cable (when inserting the microphone, turn it clockwise to tighten and counterclockwise to loosen).
- Open the battery compartment cover to adjust the sensitivity parameters suitable for the scene (Figure 2).

Receiver connection tutorial

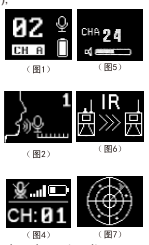
- Turn the power monitor volume knob clockwise to turn on the power, one channel boot screen (Figure 4) and dual channel boot screen (Figure 3).
- Plug in the earphones and recording cable.
- Open the battery compartment cover and press and hold the frequency search button for 2 seconds to enter the frequency search state, such as (Figure 7) Automatically search for non-disturbed channels and use it. After searching, enter the frequency linking mode, and open the transmitter battery compartment to perform infrared synchronization frequency linking. (Picture 6), if the frequency has been swept just to replace the transmitter, you can directly press and hold the infrared link key for 2 seconds to directly link the frequency, the other channel setting of the dual channel is the same as above.
- Dual-channel receiver, when only one channel is used, you can press and hold the two buttons of the channel to independently turn on/off the power of the channel, thus reducing the current to increase the product's use time (Figure 8).



Tour guide tutorial

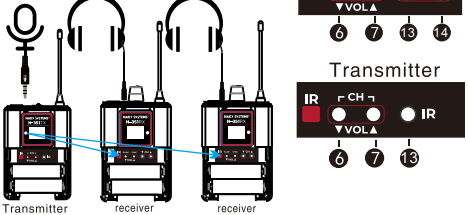
Receiver connection tutorial

- Turn the power monitor volume knob clockwise to turn on the power, single-channel startup screen (Figure 4), dual-channel startup screen (Figure 3)
- Plug in the earphones and recording cable
- Open the battery compartment cover and press and hold the search button for 2 seconds to enter the frequency search state, such as (Figure 7) Automatic search does not interfere with channel use. After searching, you enter the linking mode, and turn on the transmitter battery to perform infrared synchronization. (Picture 6) If you have already swept the frequency and just replace the transmitter, you can directly press and hold the infrared pairing button for 2 seconds to directly pair the frequency.
- Tap the button to enter the volume adjustment mode as shown in (Figure 5)



Transmitter connection tutorial

- Install the battery and press and hold the key for one second to turn on the power (the boot screen is shown in Figure 1)
- Plug in the microphone input cable (when inserting the microphone, turn it clockwise to tighten and counterclockwise to loosen)
- Open the battery compartment cover to adjust the sensitivity parameters suitable for the scene (Figure 2)
- After the receiver searches for the non-interference channel, press the infrared link button 7 to transmit the frequency signal, open the battery cover of the transmitter to expose the infrared receiving window, receive the infrared signal, and get the non-interference channel, the transmitter then press the 13 button to send the time infrared signal, open the battery cover of the receiver that needs the same frequency to expose the infrared receiving window, so that multiple receivers can use the same frequency and the same frequency as the transmitter



FCC 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 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

RF Exposure Information

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	530.0	35	540.2	69	550.4
02	530.3	36	540.5	70	550.7
03	530.6	37	540.8	71	551.0
04	530.9	38	541.1	72	551.3
05	531.2	39	541.4	73	551.6
06	531.5	40	541.7	74	551.9
07	531.8	41	542.0	75	552.2
08	532.1	42	542.3	76	552.5
09	532.4	43	542.6	77	552.8
10	532.7	44	542.9	78	553.1
11	533.0	45	543.2	79	553.4
12	533.3	46	543.5	80	553.7
13	533.6	47	543.8	81	554.0
14	533.9	48	544.1	82	554.3
15	534.2	49	544.4	83	554.6
16	534.5	50	544.7	84	554.9
17	534.8	51	545.0	85	555.2
18	535.1	52	545.3	86	555.5
19	535.4	53	545.6	87	555.8
20	535.7	54	545.9	88	556.1
21	536.0	55	546.2	89	556.4
22	536.3	56	546.5	90	556.7
23	536.6	57	546.8	91	557.0
24	536.9	58	547.1	92	557.3
25	537.2	59	547.4	93	557.6
26	537.5	60	547.7	94	557.9
27	537.8	61	548.0	95	558.2
28	538.1	62	548.3	96	558.5
29	538.4	63	548.6	97	558.8
30	538.7	64	548.9	98	559.1
31	539.0	65	549.2	99	559.4
32	539.3	66	549.5	100	559.7
33	539.6	67	549.8		
34	539.9	68	550.1		