

SG-2

USER'S MANUAL

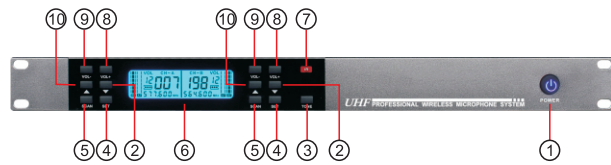
Wireless Microphone System



Thank you for choosing to buy our wireless microphone!

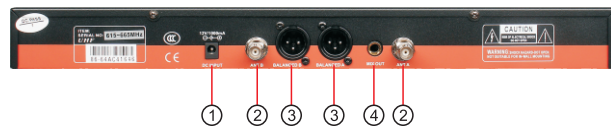
Receiver panel introduction

Receiver front panel



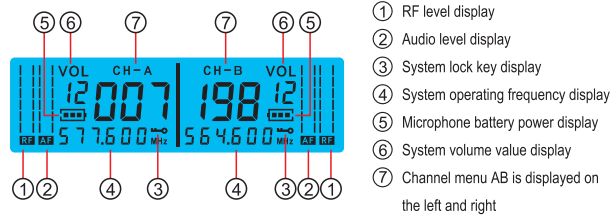
- 1 Power on key
- 2 Down selection key
- 3 Tone selection key
- 4 Frequency matching / confirmation key
- 5 Automatic frequency search button
- 6 LCD display
- 7 Infrared frequency matching window
- 8 Volume increase button
- 9 Volume reduction button
- 10 Up selection key

Receiver rear panel



- 1 Power socket
- 2 Antenna socket
- 3 Audio balanced output
- 4 6.35 hybrid output

Display panel description



- 1 RF level display
- 2 Audio level display
- 3 System lock key display
- 4 System operating frequency display
- 5 Microphone battery power display
- 6 System volume value display
- 7 Channel menu AB is displayed on the left and right

Receiver operating instructions

1. Auto search idle channel function

Press the "scan" key to enter the function of automatic search for non-interference channel. When the host searches for non-interference channel, it will flash to show that the currently searched non-interference channel has been found. At this time, open the hand microphone, align the display position of the hand microphone with the "IR" transmission window of the host, and press the "set" key again for infrared frequency comparison.



2. Host locking and unlocking

Press the "set" key of channel A and channel B at the same time, the "LOC" value" appears on the display, and the " " icon appears at the same time. Press the "set" key of channel A and channel B again, and the " " icon disappears into the unlocked state.



Lock status display



Unlock status display

3. Manual FM setting

Press "▲" or "▼" to adjust the frequency point up and down. After the adjustment, press "set" to adjust the infrared frequency.



4. Timbre selection

Press the "tone" key to select the timbre. Press once to display " " the first timbre, then press once to display " " as the second timbre, and so on. A total of 4 timbres can be selected.



IR frequency matching



Infrared frequency matching

Press the set key of the host to enter the infrared frequency matching mode. The specific operation mode is: open the hand microphone, align the display screen of the hand microphone with the IR transmission window of the host, press the set key of the host, and the hand microphone will automatically synchronize to the frequency point set by the host.

Transmitter panel introduction



Handheld panel description

- 1 Metal mesh head
- 2 LCD display
- 3 frequency matching window
- 4 power switch
- 5 Lower tube body / battery cover
- 6 Microphone head
- 7 Battery compartment
- 8 High and low power switch

Description waist hanging panel



- 1 receiving antenna
- 2 LCD display
- 3 Lock button
- 4 Frequency key
- 5 Infrared frequency matching window
- 6 Microphone three pin socket
- 7 power switch



Lavalier mic

Headset mic

Characteristic parameters

Functional features:

- ◆ one key automatic frequency search
- ◆ handheld power monitoring of receiver
- ◆ digital pilot, unique digital encryption technology, no longer bothered by off-site monitoring or eavesdropping!
- ◆ customizable tone adjustment (Digital DSP fine processing)
- ◆ sound interruption within the effective use range: 30-50m indoors and 50-80m outdoors
- ◆ 50 private rooms can be used at the same time
- ◆ the host is equipped with frequency locking and key locking functions
- ◆ 4 voice choices

System indicators:

Frequency range: Group A: 540.10MHz to 564.85MHz
Group B: 561.10MHz to 589.85 MHz

Modulation mode: Broadband FM

Adjustable range: 60MHz

Number of channels: 100

Channel interval: 250kHz

Frequency stability: $\pm 0.005\%$

Dynamic range: 100dB

Maximum frequency offset: $\pm 45\text{kHz}$

Audio response: 80Hz-18KHz ($\pm 3\text{dB}$)

Comprehensive signal-to-noise ratio: $> 106\text{dB}$

Comprehensive distortion: $\leq 0.3\%$

Operating temperature: $-10 \sim +40$

Receiver index:

Receiver mode: secondary frequency conversion superheterodyne

If frequency: first if: 110MHz, 10.7MHz

Wireless interface: BNC / 50 Ω

Sensitivity: 12dB μV (80dBs/N)

Sensitivity adjustment range: 12-32 DB μV

Spurious suppression: $> 75\text{dB}$

Maximum output level: $+10\text{dBV}$

Transmitter indicators:

Wireless program: the wearing transmitter adopts 1 / 4 wavelength whip antenna, handheld microphone and built-in spiral antenna

Output power: high power 30MW; Low power 3MW

Spurious suppression: -60dB

Power supply: two No. 5 AA batteries

Service time: more than 8 hours at 30MW and more than 12 hours at 3MW

FCC STATEMENT :

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.

Warning: Changes or modifications not expressly approved by the party responsible for compliance 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.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.