OPERATION SPECIFICATION

WIRELESS MICROPHONE

UHF

HUM-1700

HU-7200RA

HUM-1600T

User Instructions

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.

The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. such modifications could void the user's authority to operate the equipment.

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.

The device has been evaluated to meet general RF exposure requirement. This equipment complies with FCC's RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna(s) must not be co-located or conjunction with any other antenna or transmitter.

Basic troubleshooting

Problem	Solution
LCD of transmitter doesn't work	Check the battery pole
	Change the battery power
	Check the battery clip rust or not
Can not turn on the receiver	Make sure the power adaptor is connected correctly
	Make sure the power adaptor is available for local voltage
No sound	Make sure the transmitter and receiver are same frequency
	Make sure the transmitter and receiver are within the working distance
Noise comes out when the transmitter is off	Another wireless product in the area is on the same frequency or signals are mixing, change the frequency to clean one
	Receiver is too close to digital signal processor or similar device, move the receiver to different location
Short range or drop outs	Move the obstacles or reposition the receiver/antennas
	Poorly oriented beltpack antenna, check the antenna connection and re-orient the bodypack so the antenna is vertical, and facing the receiver(if possible)
	Squelch set too high, reset the squelch, higher settings means shorter distance

Specification

System	
Modulation	Wide band FM
Frequency response	530-580MHz
Channels number	200 frequency interval 250KHz
Frequency stability	±0. 005%
Dynamic range	100dB
Max deviation range	±48KHZ
Frequency resphonse	50HZ-15KHZ (±3dB)
SNR	75dB
Comprehensive distortion	≤0. 3%
Adjacent channel rejection	≥70dB
Working distance	50 meters
Receiver	
Oscillation mode	PLL
Antenna input	BNC/(50Ω)
Cascade output	BNC/(50Ω), Gain:0dBm±2dB
Intermediate frequency	110MHz 、10. 7MHz
Sensitivity	12dBuV (80dBS/N)
Spurious suppression	≥75dB
Max output level	10dBV
Currency	≤500mA
Transmitter	
RF output power	10mW
Cartridge	Dynamic
Spurious suppression	-60dB
Power supply	2*1. 5V AA battery
Battery life	8 hours
Working temperature	-10℃+40℃

Working Temperature: Do not use the equipment in the temperature below -10°C or above 45°C, doing this may influence inner components & affect product performance.

If the device has been exposed to extreme temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation might damage your device. Leave the device switched off until it has reached room temperature.

Ventilation: To get the best ventilation, the minimum distance between equipment should be over 20cm. Please ensure that ventilations ports are not covered or blocked.

Fire: Ensure that the product is away from any fire sources.

Water: Ensure that the product is away from water splashing & is away from direct contact with water.

The voltage and frequency must be the same as stated on the device. Wrong voltages or power outlets can lead to damage of the device & fatal electrical shock. Please use the supplied power cord.

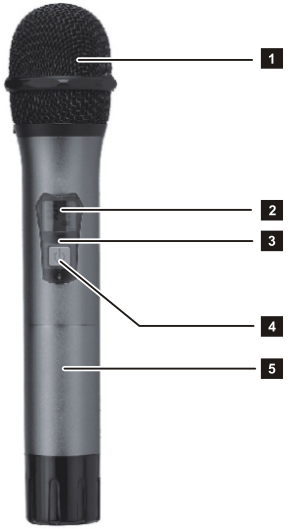
Make sure the power cord should be routed so that they do not get pinched &
Disconnect from power supply when the product is not being used for a long time. Always use a dry cloth to clean the product.

DO NOT drop the product, as it may cause the product to mal-function.

Do not open any of the components yourself, for repairs please get in touch with your dealer/distributor.

Handheld microphone/ Waist-mounted transmitter and Battery installation

Handheld microphone instructions



1.Net head(included Pick-up head).

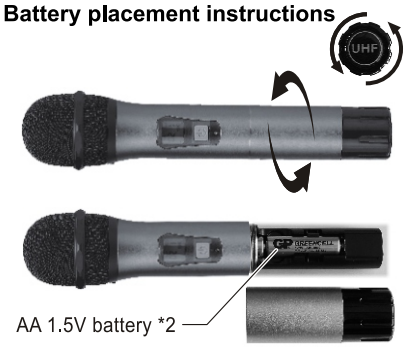
2.LCD: showed the frequency, channel, battery power.

3.Infrared frequency window: with the receiver's comparison frequency key, the frequency data is transmitted to the receiver.

4.Power switch: press this button for one second to turn on the power, the LCD display lights up the information, press this button again for two seconds to turn off the power.

5.Handheld microphone body: placed the battery, transmitter board.

Battery placement instructions



Waist-mounted transmitter description(Optional)

1.Lavalier microphone(included Pick-up head).

2.Headset microphone (included Pick-up head).

3.LCD: showed the frequency, channel, battery power.

4.Power switch: press this button for one second to turn on the power, the LCD display lights up the information, press this button again for two seconds to turn off the power.

5.Infared frequency window: matches the receiver's comparison frequency button to transmit channel data to the receiver.

6.Battery Holder: placed the battery, transmitter board.

7.Lavalier microphone and headset microphone connector.

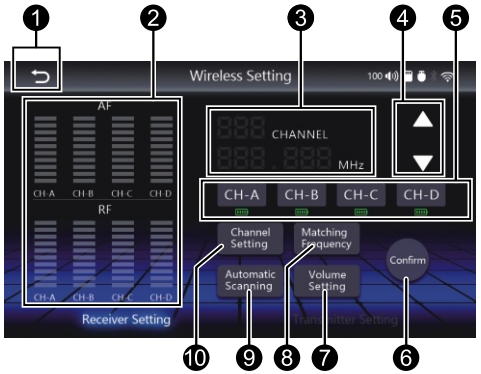
Battery placement instructions

First press and hold Ⓐ and then push down Ⓑ to slide out the battery cover.

Note: Please pay attention to the polarity when installing the battery.

Chapter 1: Wireless Settings Click Home UHF to enter the Wireless Settings screen.

1-1: Receive settings



Receive setting function option description

❶ Go back to the last page

❷ AF: Audio signal receiving status indicator
RF: RF signal receiving status indicator

❸ CHANNEL: channel display; MHz: frequency display

❹ ▲▼ Upper and lower touch channel selection

❺ 4(CH-A~D) wireless microphone selection setting; battery level indication

❻ Touch to Confirm

❼ Volume setting: Touch this area to jump to the volume setting page

❽ Compare frequency: set wireless microphone and host synchronization link

❾ Auto sweep: automatically select the clearest channel

❿ Channel settings:
Steps Click ❺ → to select CH-A or other microphone, then click ❹ to select the channel, then click ❻ to confirm the setting.

1-1-a: Comparison frequency setting

Steps:

A) After setting the frequency of the touch panel, select CH-A or CH-B or CH-C or CH-D

B) Turn on the power of the first wireless microphone transmitter, align the infrared receiving window with the infrared emission window of the receiver, and click the touch panel "Compare frequency" button. The transmitter frequency is the same as the receiver frequency. After the transmitter is set, the receiver automatically exits the infrared transmission state and the RF light is on (see above).

C) Repeat steps A and B to synchronize the frequency of the other wireless microphones with CH-B or CH-C or CH-D.

Note 1 Infrared sync frequency setting:

Keep the infrared sync sensor of the transmitter aiming at the receiver's infrared sync sensor within 15CM. Click the touch panel "Compare frequency" button, and the"Comparing frequency" flashing below the panel indicates that the frequency data is being transmitted, and the transmitter's LCD backlight is flashing. Light up, indicating that the frequency synchronization is complete.

Note 2 The following signals indicate that the system is working properly.

A) RF is the RF signal: the red light is on to indicate that there is a signal, and the touchpad will display the strong and weak lights.

B) AF is an audio signal: when the wireless microphone has sound, the strong and weak lights will be displayed on the circuit board.

Note 3 Instructions for using the wireless transmitter:

After using the wireless handheld microphone or the waist-mounted transmitter,please turn off the power. If it is not used for a long time,the battery should be removed to avoid leakage damage to the board.