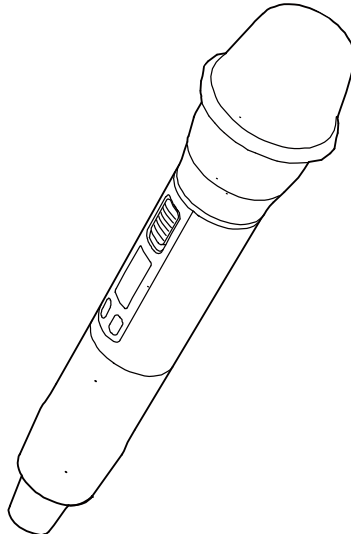


CHIAYO

Operation manual

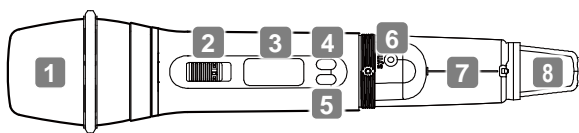
SQ-5100 IrDA
UHF Handheld Microphone

ACS
REGISTRARS
ISO 9001:2015



CHIAYO ELECTRONICS CO., LTD.

Parts and functions



- | | | |
|------------------------------|-----------------------------|---------------------|
| 1 Cartridge | 5 Menu button | 9 Battery power LED |
| 2 3-STEP power switch | 6 IrDA synchronizing button | 10 Charging port |
| 3 LCD | 7 Battery compartment | |
| 4 Setting button | 8 Color cap | |

3-STEP power switch

To prevent other user from turning off the power, you may slide this switch to the right to lock the microphone on stand-by or mute status. Slide to the left to unlock.

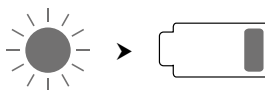


Power status	ON	ON	MUTE	MUTE	OFF
Lock status	unlocked	locked	unlocked	locked	can't be locked

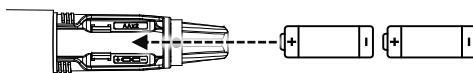
Battery installation & indicator



When the microphone is switched ON, the battery power LED ⑨ will blink once to denote the batteries installed are in good condition.



If the LED remains illuminated, it means the batteries are weak and require replacement.



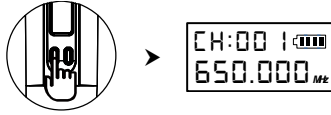
This microphone requires 2 x AA batteries to operate.

To install, remove the battery cover and slide the batteries into the battery compartment & replace the battery cover.

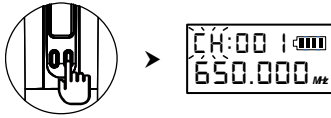
Note: Batteries contain a corrosive acid that may leak and damage the microphone when stored for a long period. Batteries should be removed from the microphone before storing without use for more than 4 weeks.

Channel setting

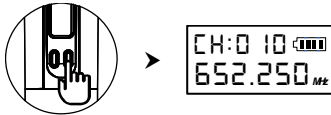
- 1 Use **MENU** button to go to the CHANNEL | FREQUENCY page.



- 2 Press and hold the **SET** button for 3 seconds, then the upper-left **CH** will flash to allow changes to be made.

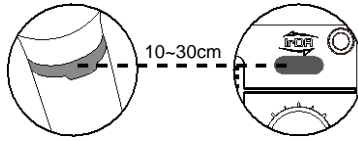


- 3 Press **SET / MENU** buttons to change the channel number. The corresponding frequency will change accordingly.



- 4 3 seconds after selecting a channel, it will be automatically saved.

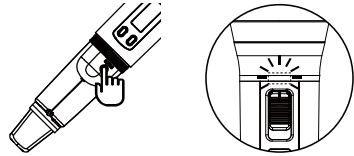
Channel synchronizing of the receiver and microphone



Align infrared areas of the receiver and microphone within 10~30cm.

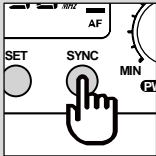
Changing the receiver's channel

- 1** Press the synchronizing button of the microphone.
- 2** The microphone's LED will glow to denote transmitting the frequency to the receiver and synchronizing the channels.



Changing the microphone's channel

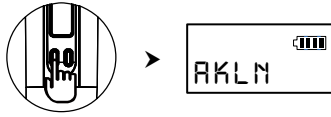
- 1** Press the synchronizing button of the receiver and the receiver will transmit the frequency to the microphone and synchronize the channels
- 2** The microphone's LED will glow to denote its channel synchronized by the receiver.




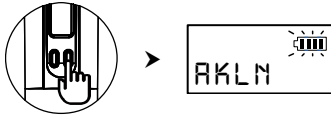
If it doesn't work check that you have the IR sensor panels aligned, that they are facing each other, devices are within 10~30cm of each other, and try again.

Battery type setting

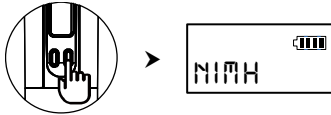
1 Use **MENU** button to go to the BATTERY TYPE page.



2 Press and hold **SET** button for 3 seconds, then the battery icon  will flash to allow changes to be made.



3 Press **SET** button to select either **NiMH** (rechargeable battery) or **AKLN** (alkaline battery).



4 **3 seconds** after selecting a battery type, it will be automatically saved.

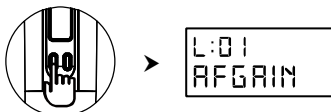
AF GAIN setting

Microphone GAIN	L: 01	L: 02	L: 03	L: 04
Sensitivity	lowest	low	high	highest
Dynamic range	highest	high	low	lowest
Noise & feedback	lowest	low	high	highest
Mic cartridge to mouth	< 3 cm	3 cm to 6 cm	6 cm to 9 cm	> 9 cm
Application	singing or talking when holding the microphone		Speech with microphone mounted on tripod stand	

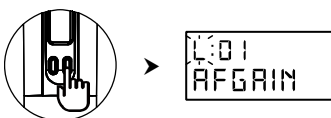
Important:

- The further the microphone cartridge is to the mouth, the higher sensitivity the cartridge requires to pick up the voice.
- Higher sensitivity will lower the dynamic range of input signals, which may result in more noise and feedback problem.
- Above description is for reference only. Please set the sensitivity at a proper level when operating the microphone system.

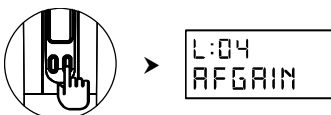
1 Use **MENU** button to go to the AF GAIN page.



2 Press and hold **SET** button for 3 seconds, the upper-left letter “L” will flash to allow changes to be made.



3 Press **SET / MENU** buttons to change the gain level between L:01 and L:04.



4 3 seconds after selecting a gain level, it will be automatically saved.

*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.*

THIS DEVICE COMPLIES WITH PART 15C OF THE FCC RULES. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

FCC Caution: *To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).*

FCC Radiation Exposure Statement

This device complied with FCC radiation exposure limits as set forth for an uncontrolled environment. This device should be installed and operated so that its antenna(s) are not co-located or operating in conjunction with any other antenna or transmitter

CE

- Frequency: 470–789 MHz, Maximal power: 6 mW
- Frequency: 823–832 MHz, Maximal power: 7.2 mW
- CE declaration info: www.chiayo.com.tw/declaration.html

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