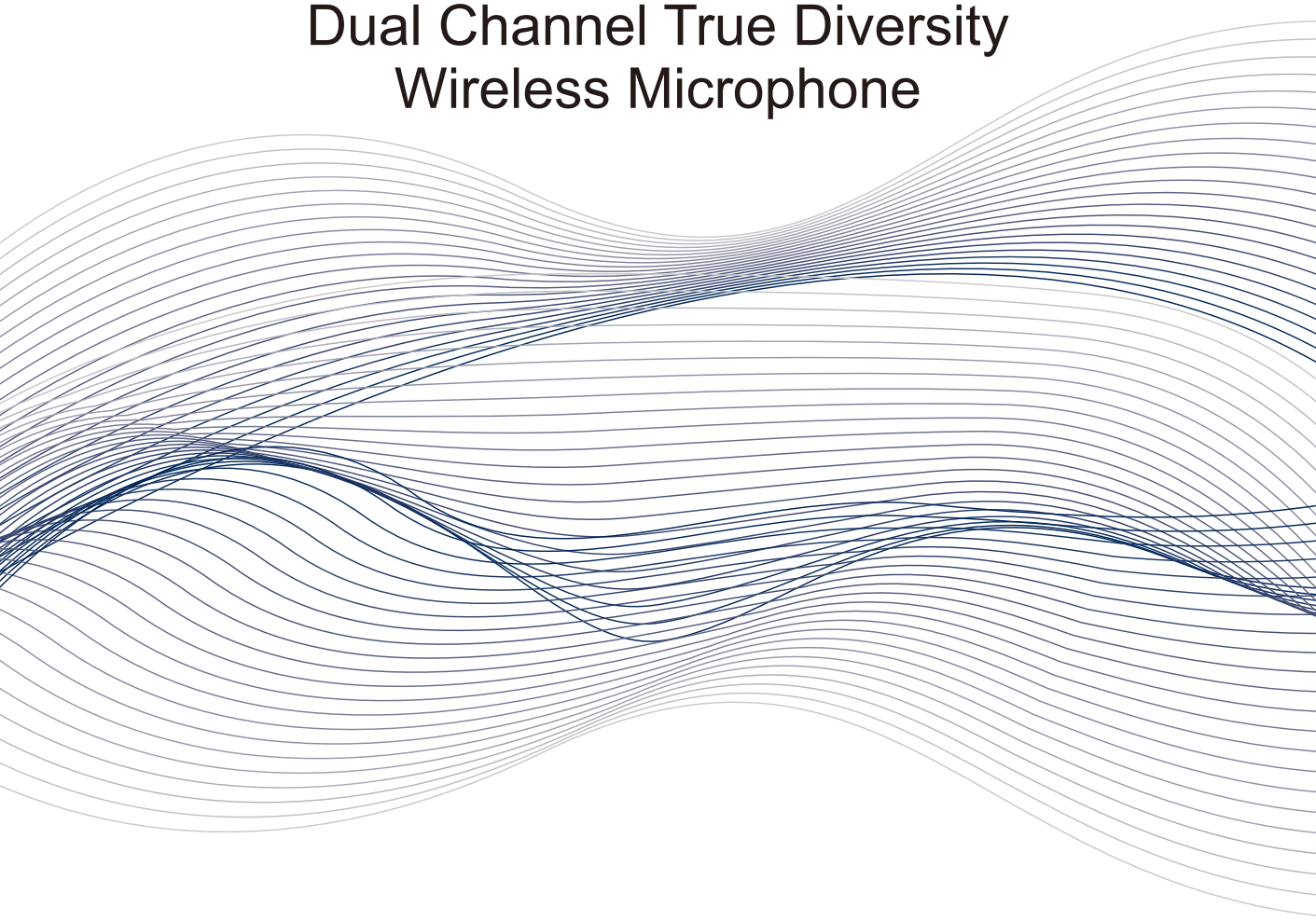
Relacart®

Real Sound Always

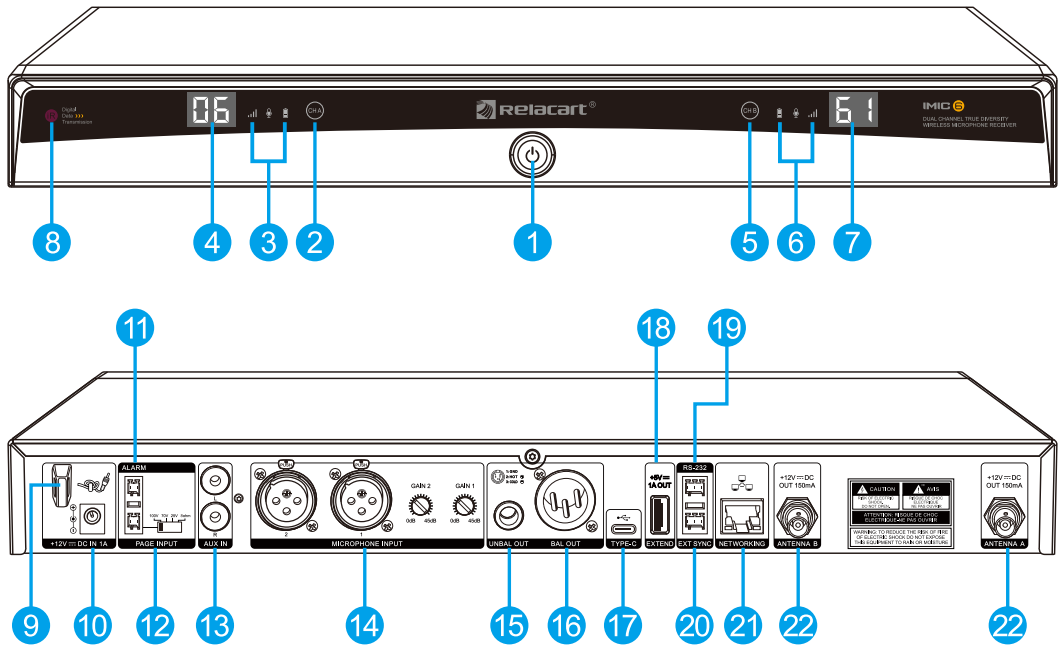
IMIC-6 Series

Dual Channel True Diversity Wireless Microphone



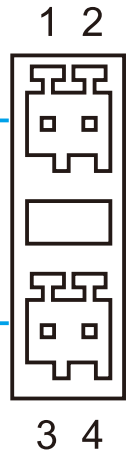
Quick guide

IMIC-6 Receiver



1. Power switch
2. CHA touch button
3. CHA status indication
4. Charging dock unlock switch
5. CHB touch button
6. ChB status indication
7. ChB display screen
8. IR synchronization window
9. Power cord fixing ear
10. DC power input socket
11. Alarm input port
12. Public Address input port and control
13. Auxiliary input port
14. 2-channel microphone input port (gain adjustable)
15. Audio output (6.3mm)
16. Audio output (XLR)
17. USB interface
18. Connect charging dock (USB-A)
19. RS 232 interface
20. Infrared extension synchronizer interface
21. Network port
    Dante port (model: IMIC-6D)
22. Antenna input (BNC)

11 Alarm input port

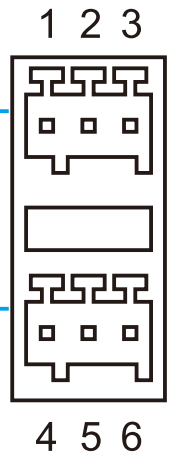


ALARM (Alarm Input)
1. Mute at high level (>0.6V~12V MAX)
2. GND - Logic Ground

PAGE
3. GND - Audio Ground
4. 0-100V voltage audio input

12 Public Address input port and control

19 RS 232 interface

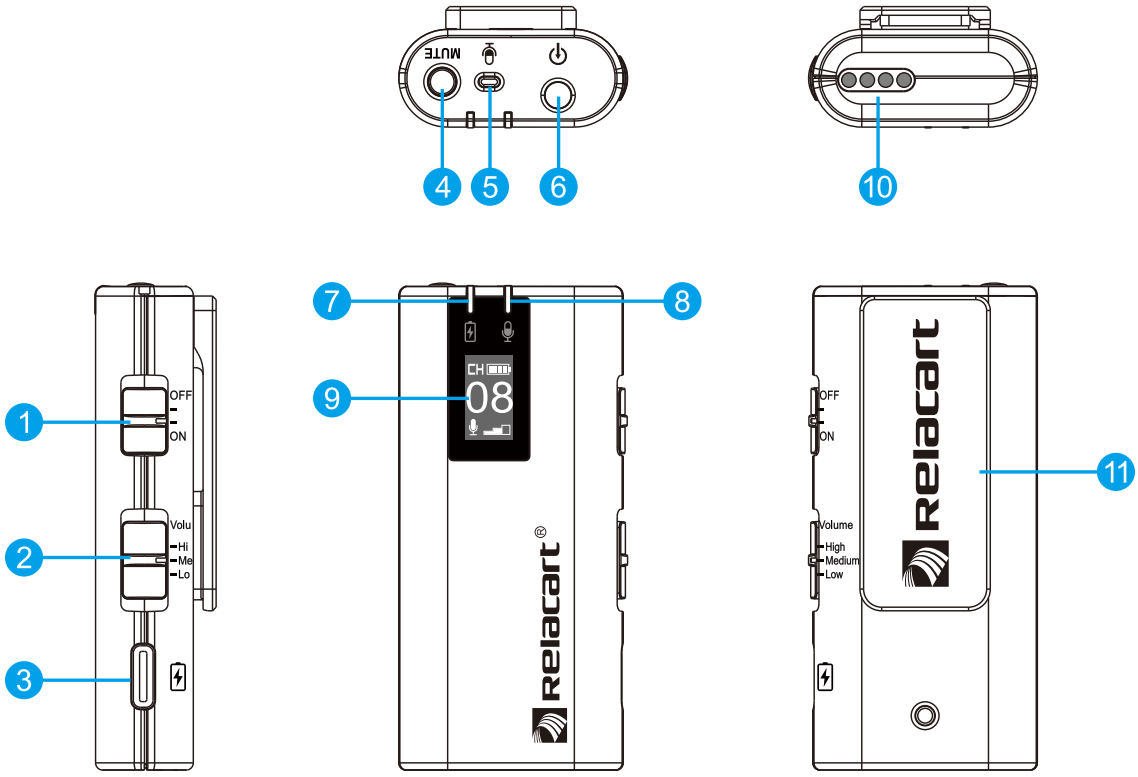


RS–232
1. TX
2. RX
3. GND

EXTERNAL SYNC
4. A
5. B
6. GND

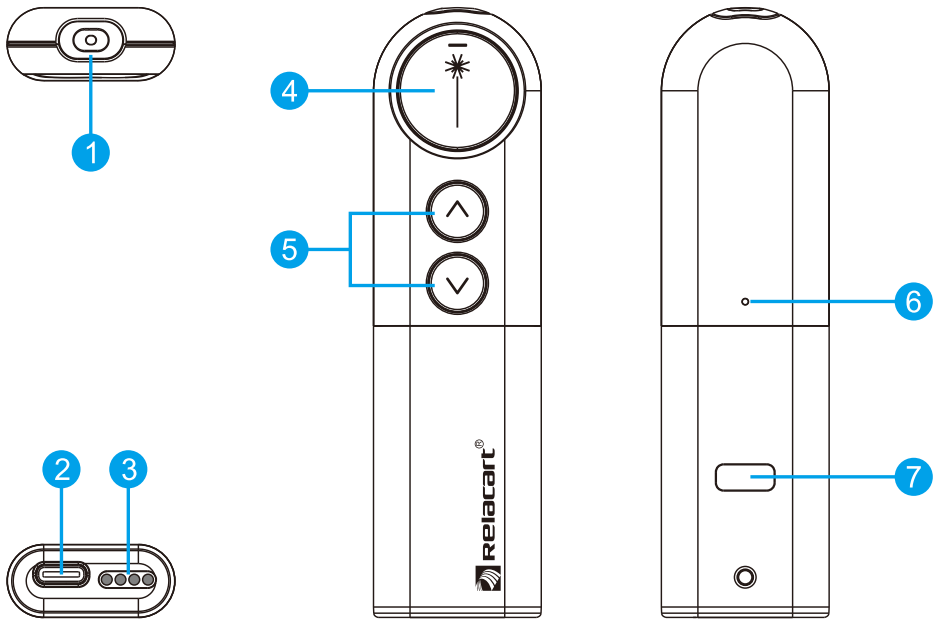
20 Infrared extension synchronizer interface

T-6 Wireless Mini Microphone



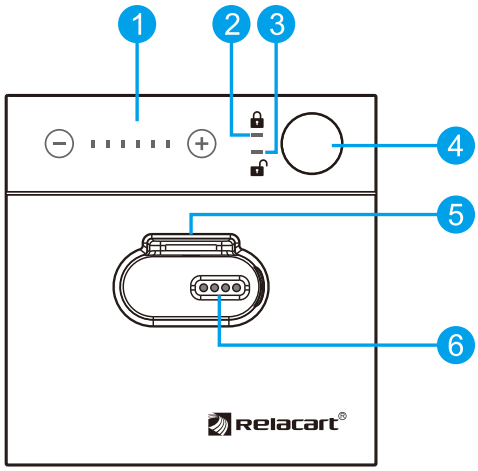
1. Power switch
2. Gain control switch
3. Charging port (DC 5V)
4. Mute button
5. Built-in microphone
6. Audio Input Port
7. Power status indication
8. Audio input indication
9. Display
10. Charging contact
11. Magnetic soft clamp

WL-6 Laser page turning pen (Optional)

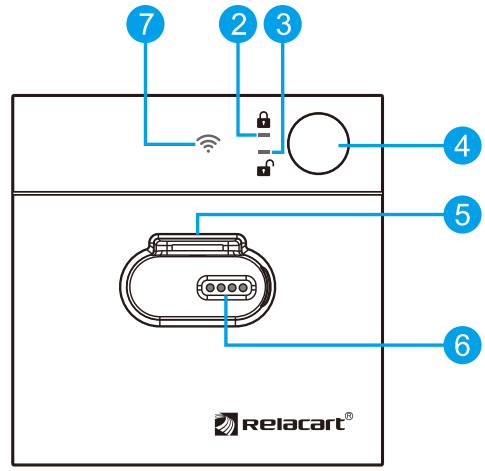


1. Laser head
2. Charging port (DC 5V)
3. Charging contact
4. Laser emission button
5. Page turning key
6. Reset button
7. Megnetic soft clamp

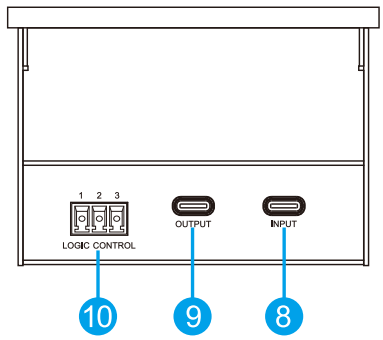
EC series Single Bay Charger(Optional)



(EC-6)

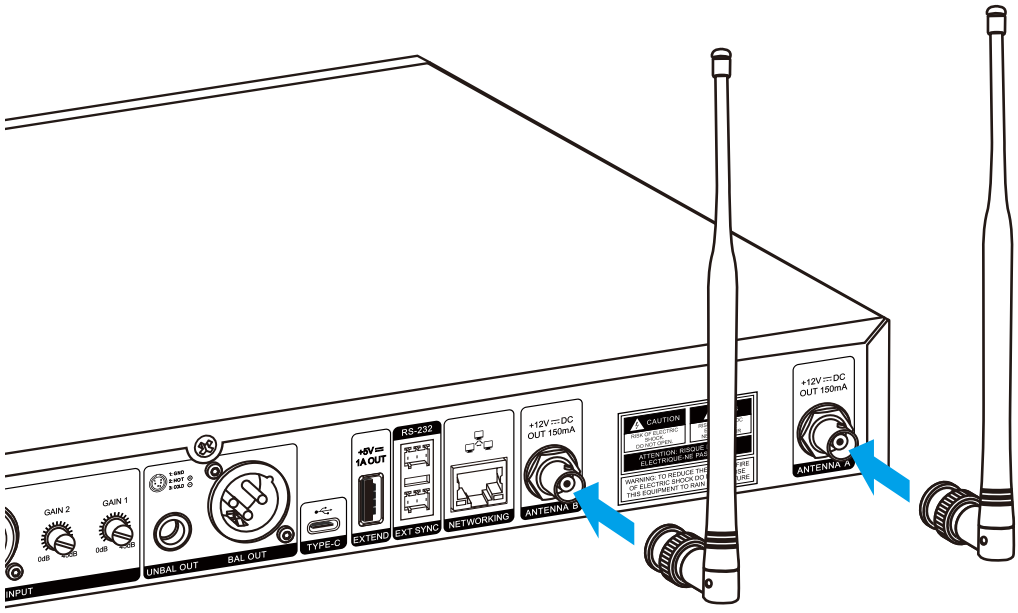


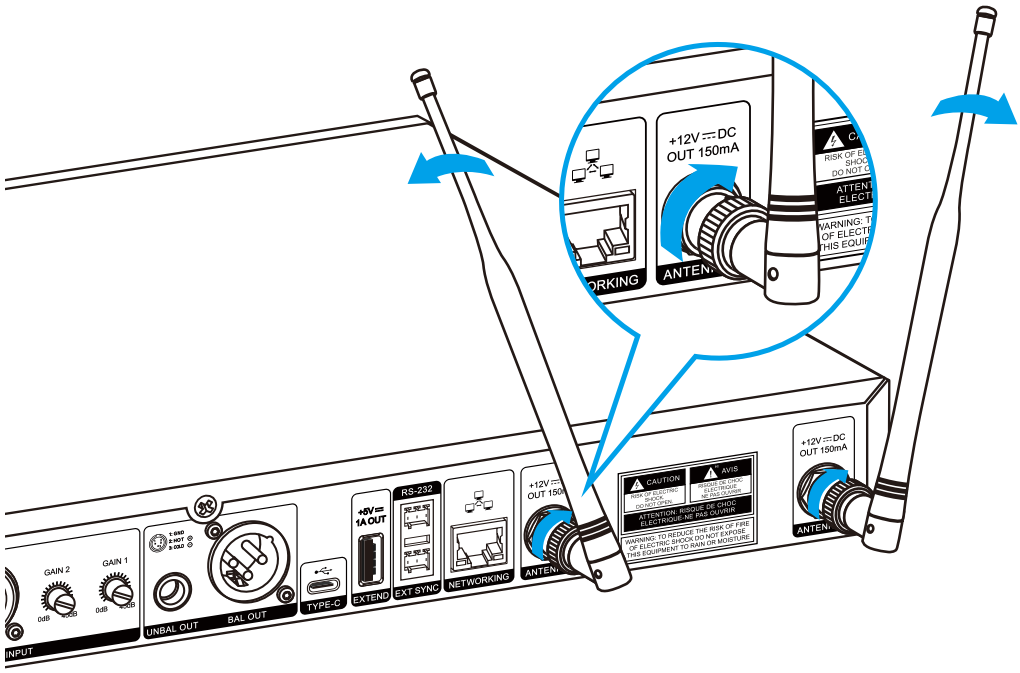
(EC–6W)



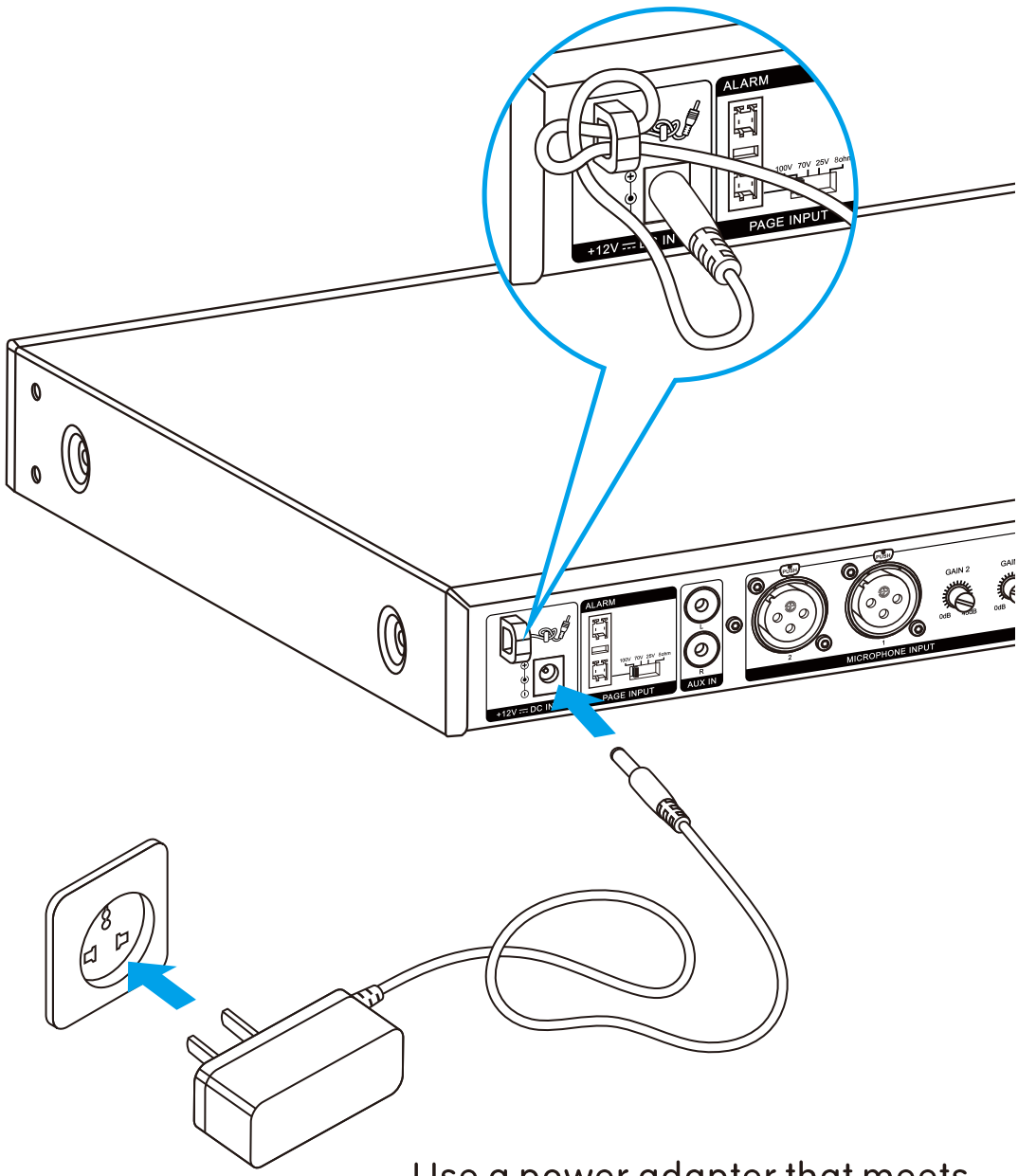
1. Volume control button
2. Lock indicator light
3. Unlock indicator light
4. Charging unlock switch
5. Charging compartment
6. Charging contact
7. Laser pen signal indicator light
8. Charging input port
9. Charging output port
10. Logic control port
    1. Low level unlock (<0.3V) Effective transition from high level to low level
    2. No connection
    3. Grounding

BNC antenna installation



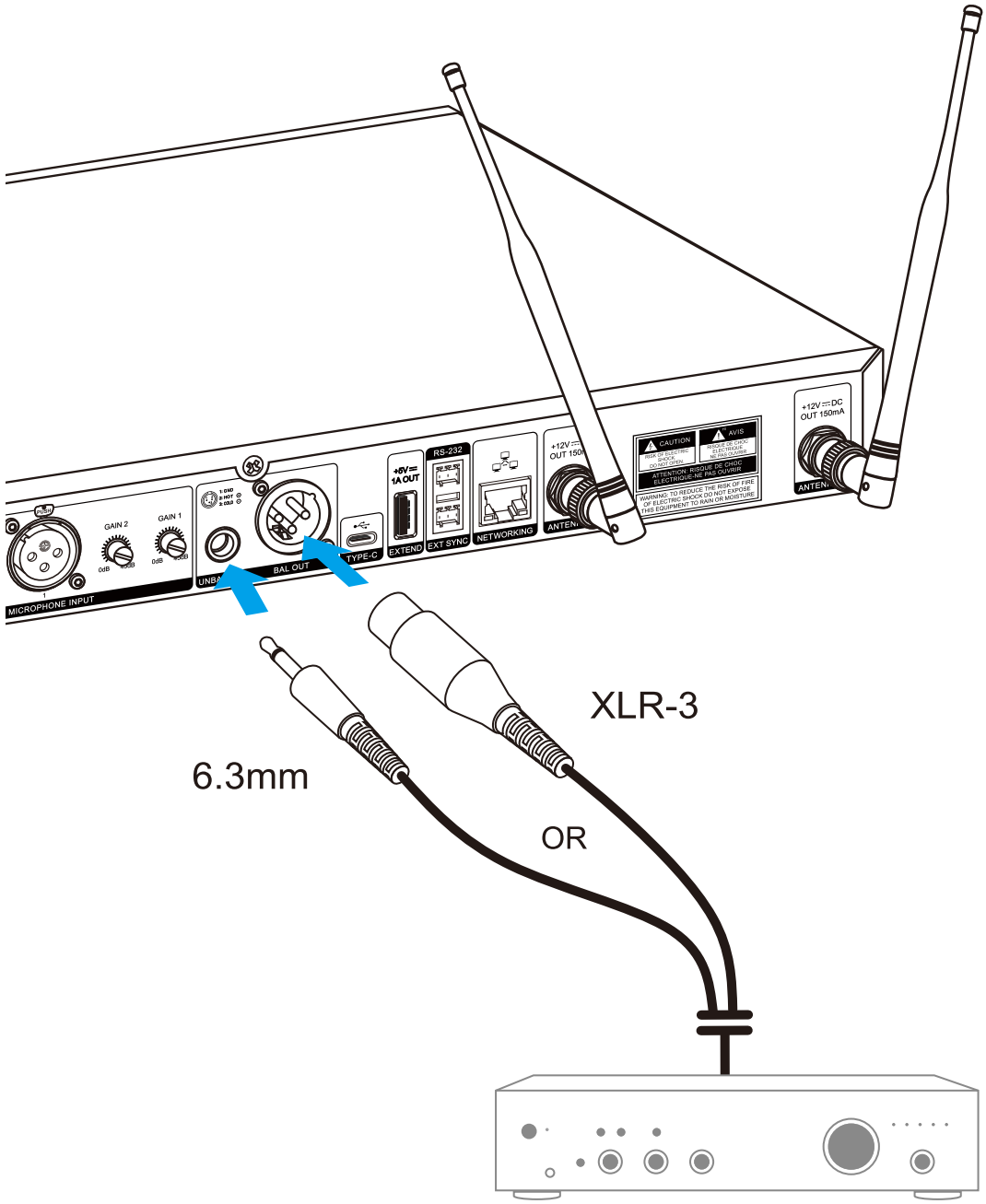


Connect the power adapter



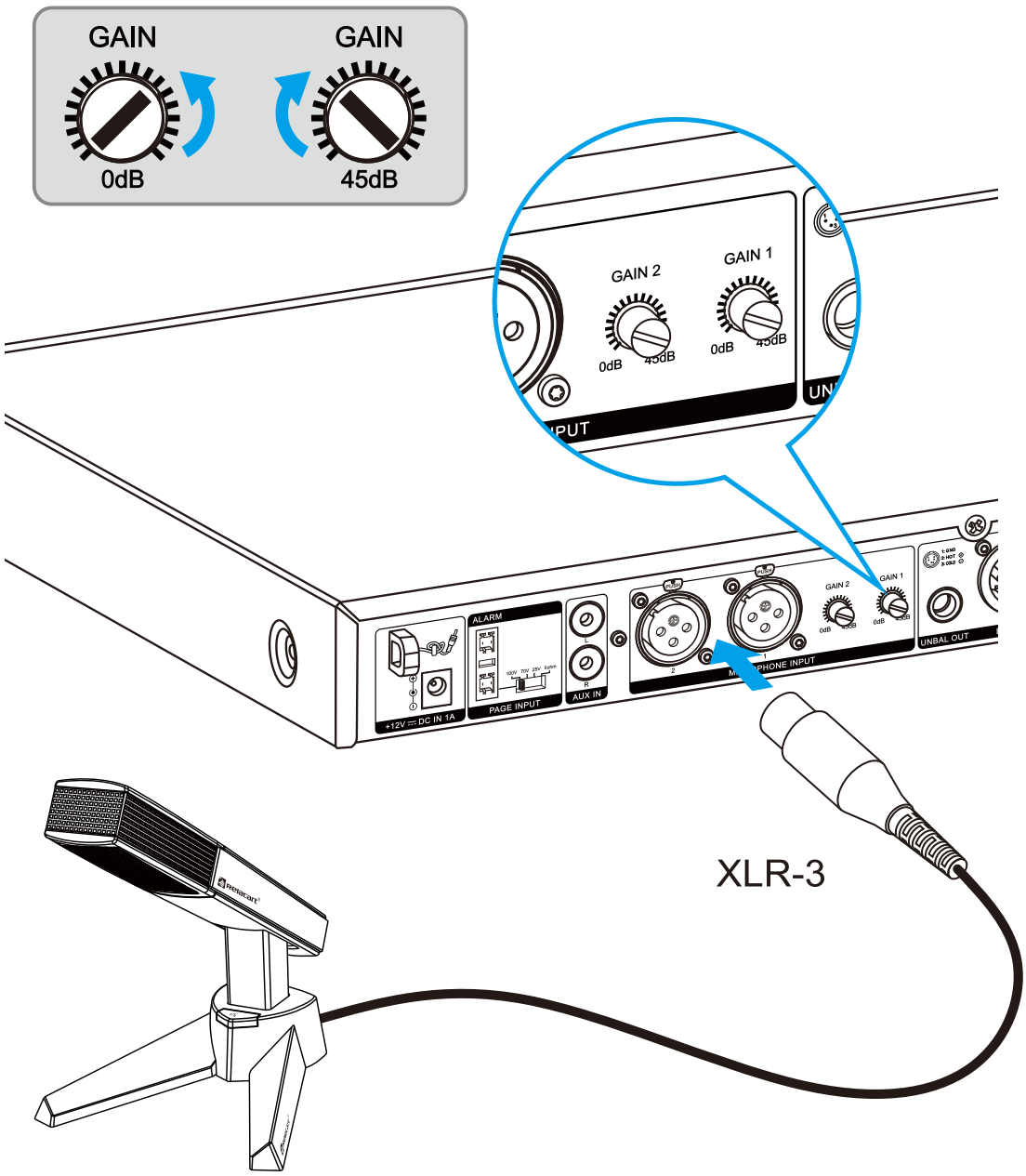
Use a power adapter that meets local regulatory requirements

Connect audio output



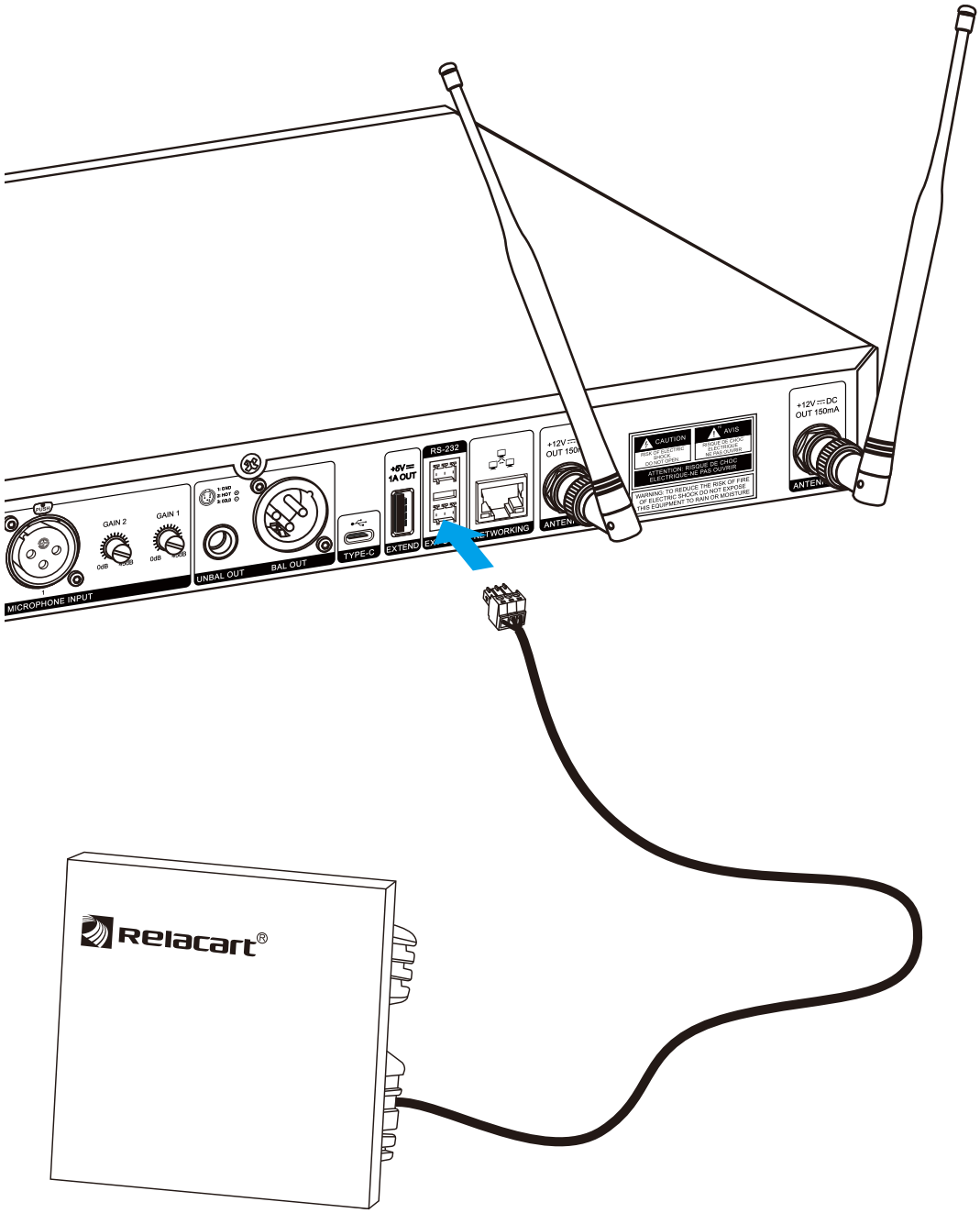
Connect audio input

Independent gain adjustment



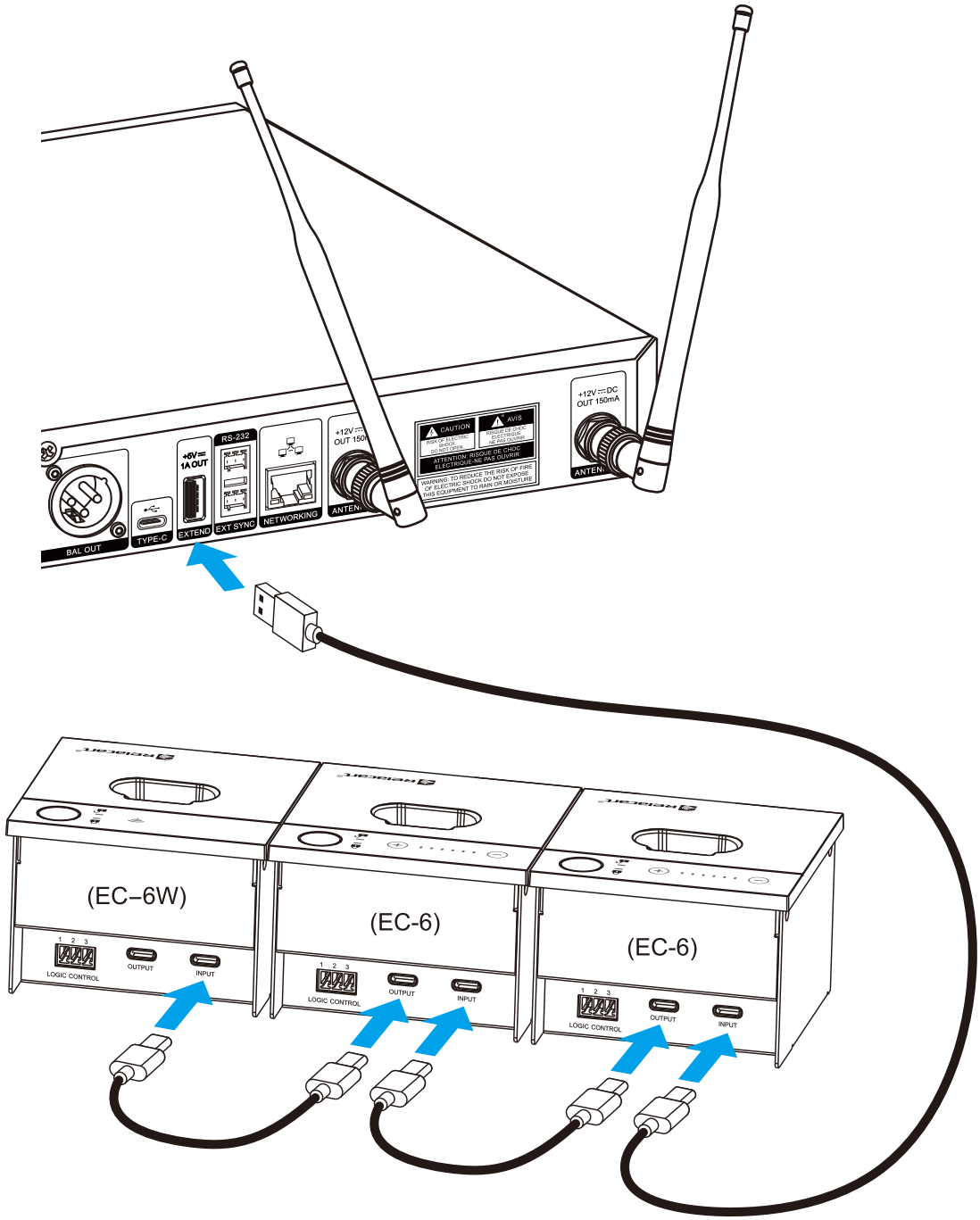
(Turn on or off 48V phantom power supply through software)

Connect the infrared extension synchronizer (Optional)

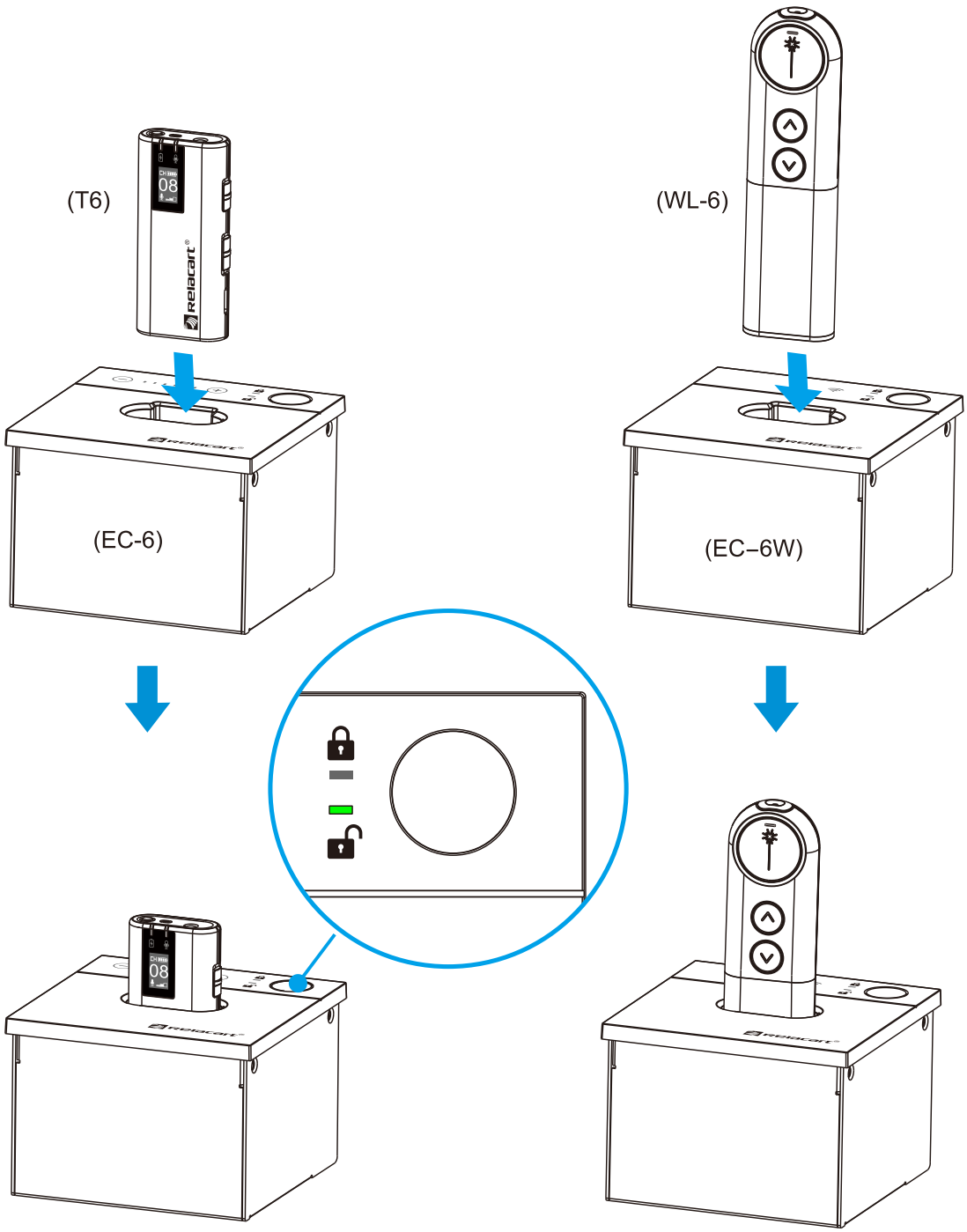


(EC-58)

Charging dock connection and use



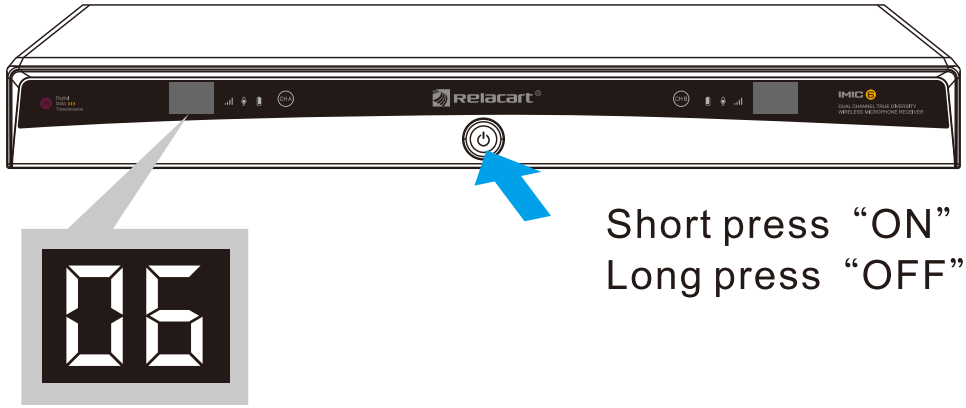
Up to 3 charging docks can be cascaded

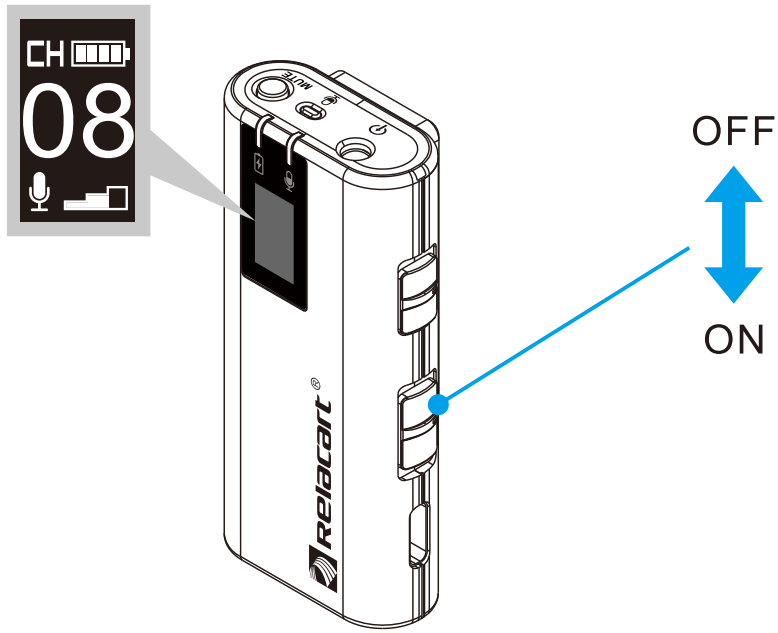


When the device is placed in the charging compartment, it automatically locks and can be unlocked by pressing the button.

The corresponding white indicator light is on when unlocking/locking

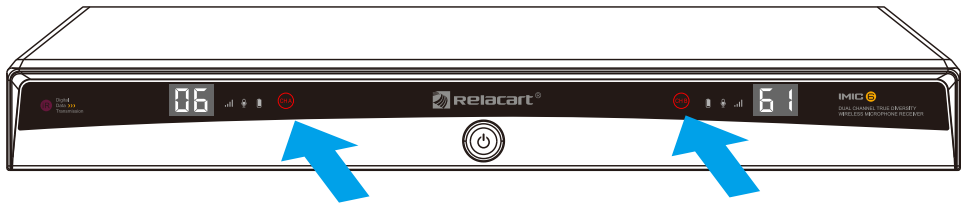
ON/OFF


Relacart
06
Short press “ON”
Long press “OFF”


CH
08
OFF
ON
Relacart

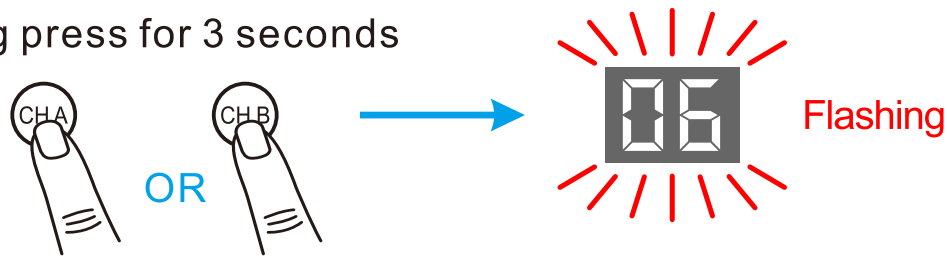
Channel settings

Touch the corresponding channel button to enter the working channel and change settings.



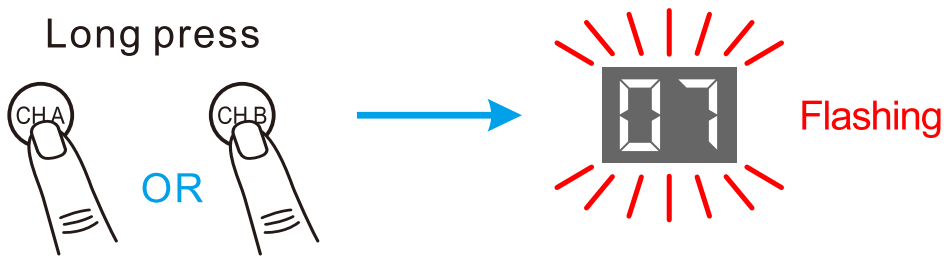
i Enter the channel menu

Long press for 3 seconds



ii Adjust channel

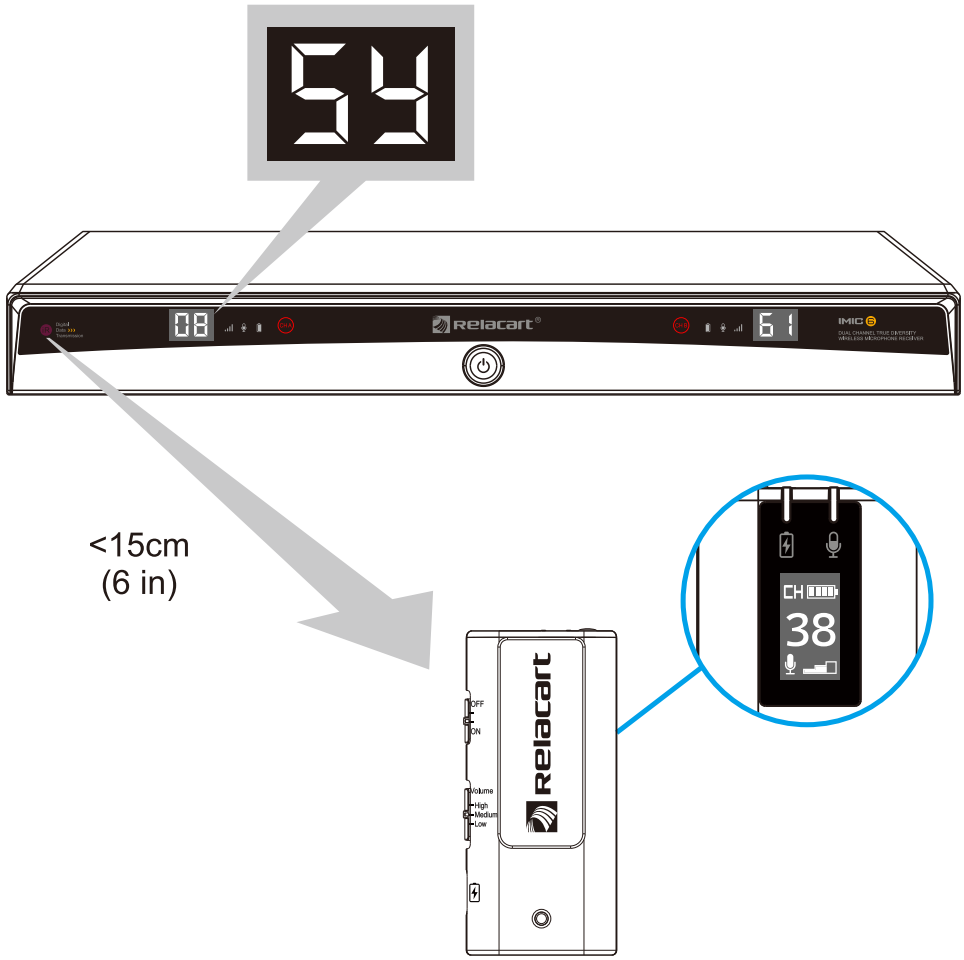
Long press



Confirm the setting after 3 seconds and enter infrared frequency pairing mode. If the receiver is connected to a charging dock, the microphone will automatically bind when placed in the charging dock.

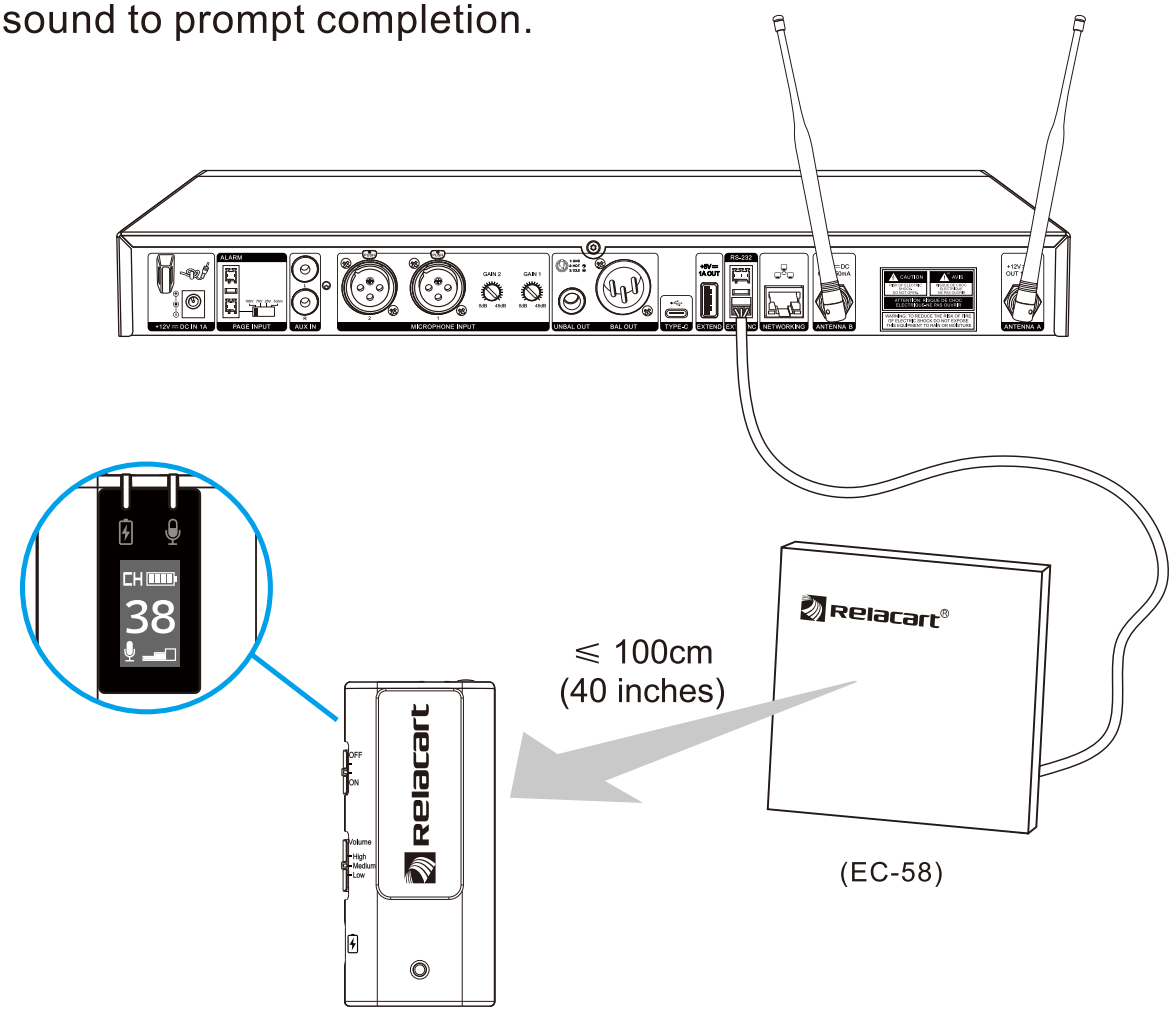
SYNC synchronization for frequency pairing

After the channel is set, if there is no operation for 3 seconds, the corresponding channel screen will display "SY" to indicate that it has entered the infrared frequency pairing mode.



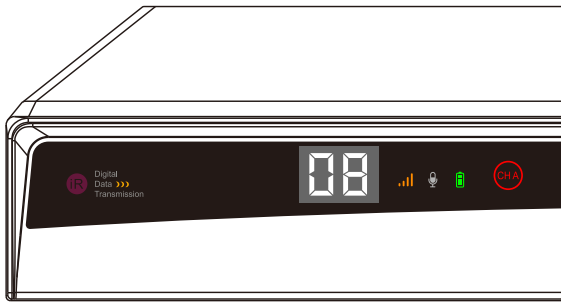
Attention: When using iR infrared frequency pairing, the miniature microphone must be aimed directly at the receiver, otherwise it will affect the frequency pairing function.

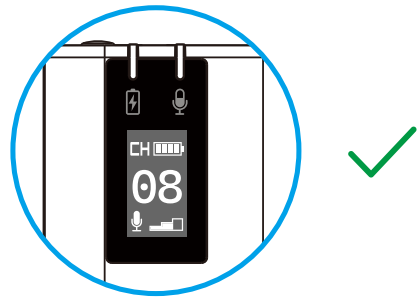
If you use an infrared expansion synchronizer, you only need to connect the receiver to the EC-58 nfrared expansion synchronizer, and then align the transmitter with the EC-58 panel within a range of about 100cm to automatically complete the frequency synchronization. When the frequency synchronization is completed, the panel will make a "beep" sound to prompt completion.



Note: When iR infrared frequency pairing, the microphone must be aimed directly at the EC-58 panel, otherwise the frequency pairing function will be affected.

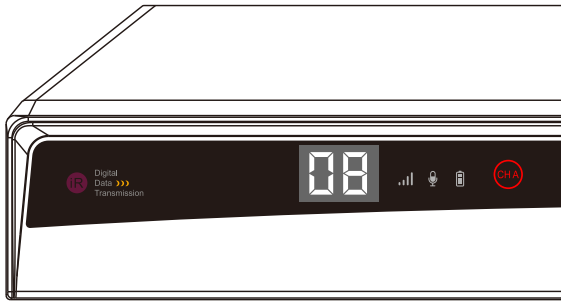
i Successful frequency pairing

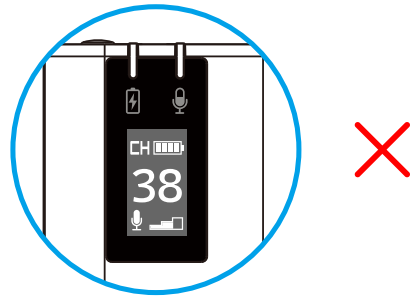




Both the receiver and transmitter display the same channel, and the corresponding receiver status indicator lights up.

ii Frequency pairing failure

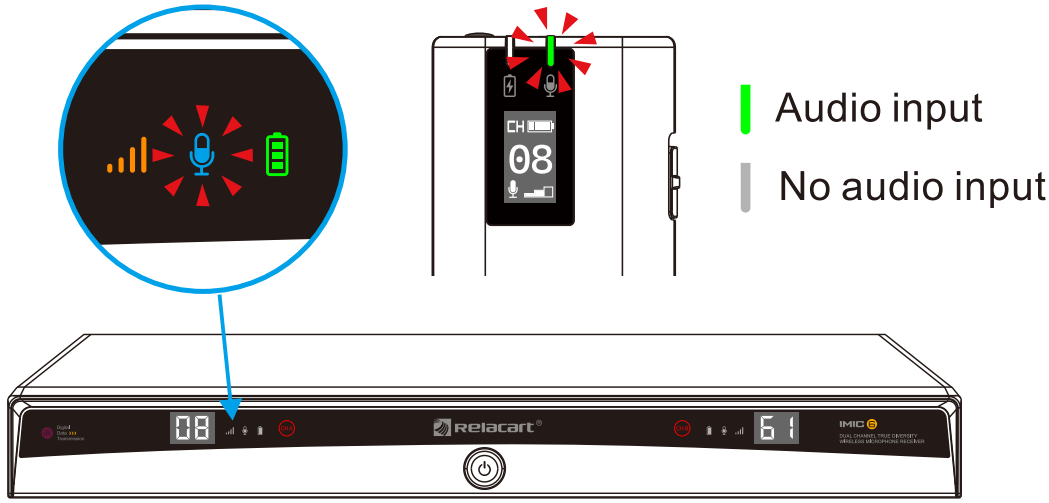




The receiver and transmitter both display different channels, and the corresponding status indicator light of the receiver is not on. Please try the channel setting operation again.

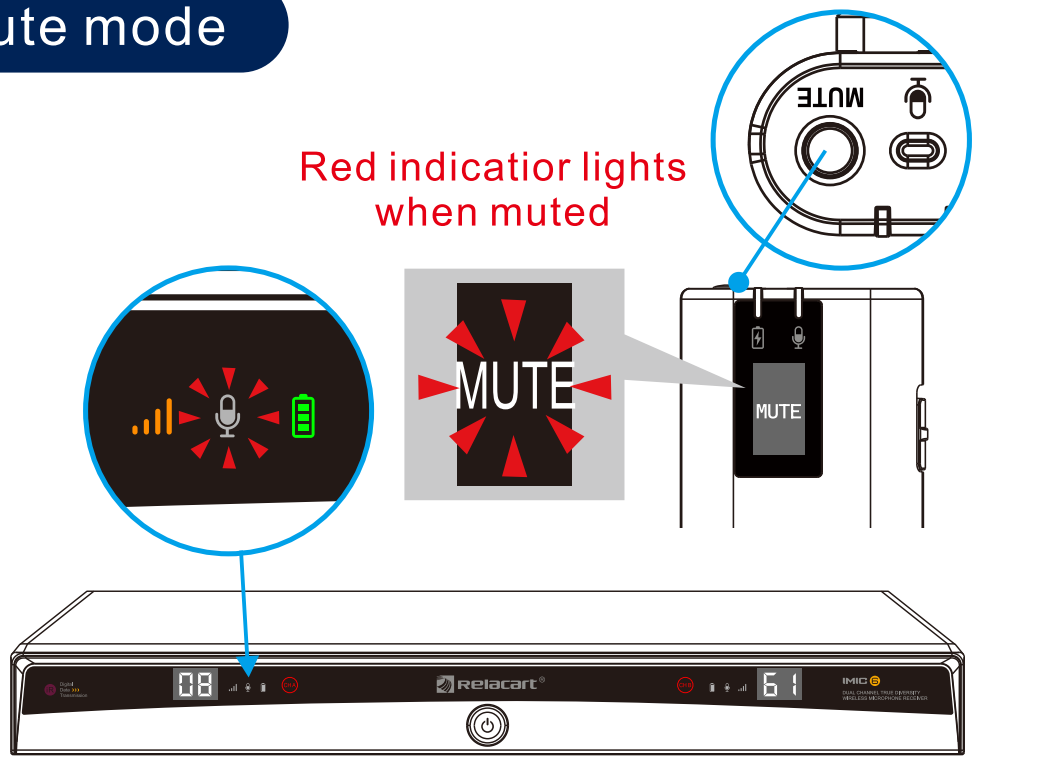
*The function menu automatically exits after frequency pairing timeout or success

Audio status



Audio output No Audio output

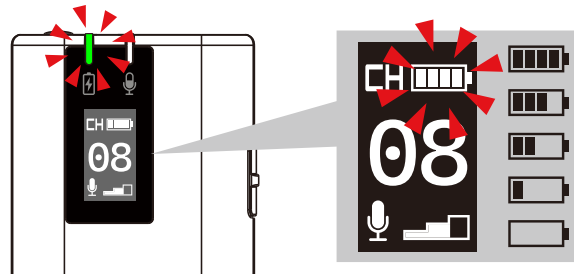
Mute mode

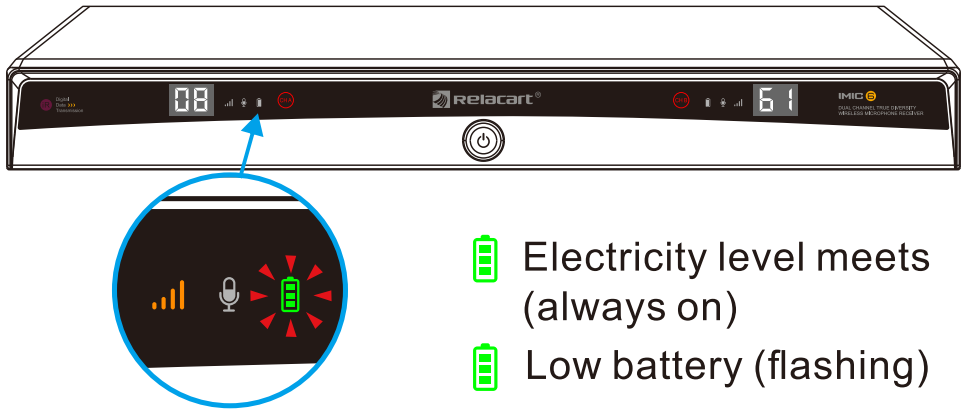


Battery status

Low battery
(Red indicator flashing)

Electricity level meets
(extinguished)

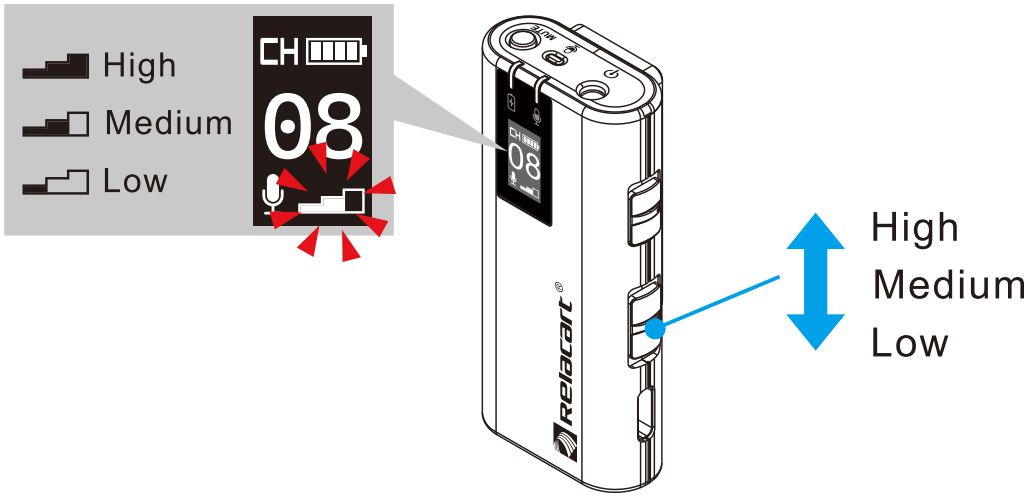




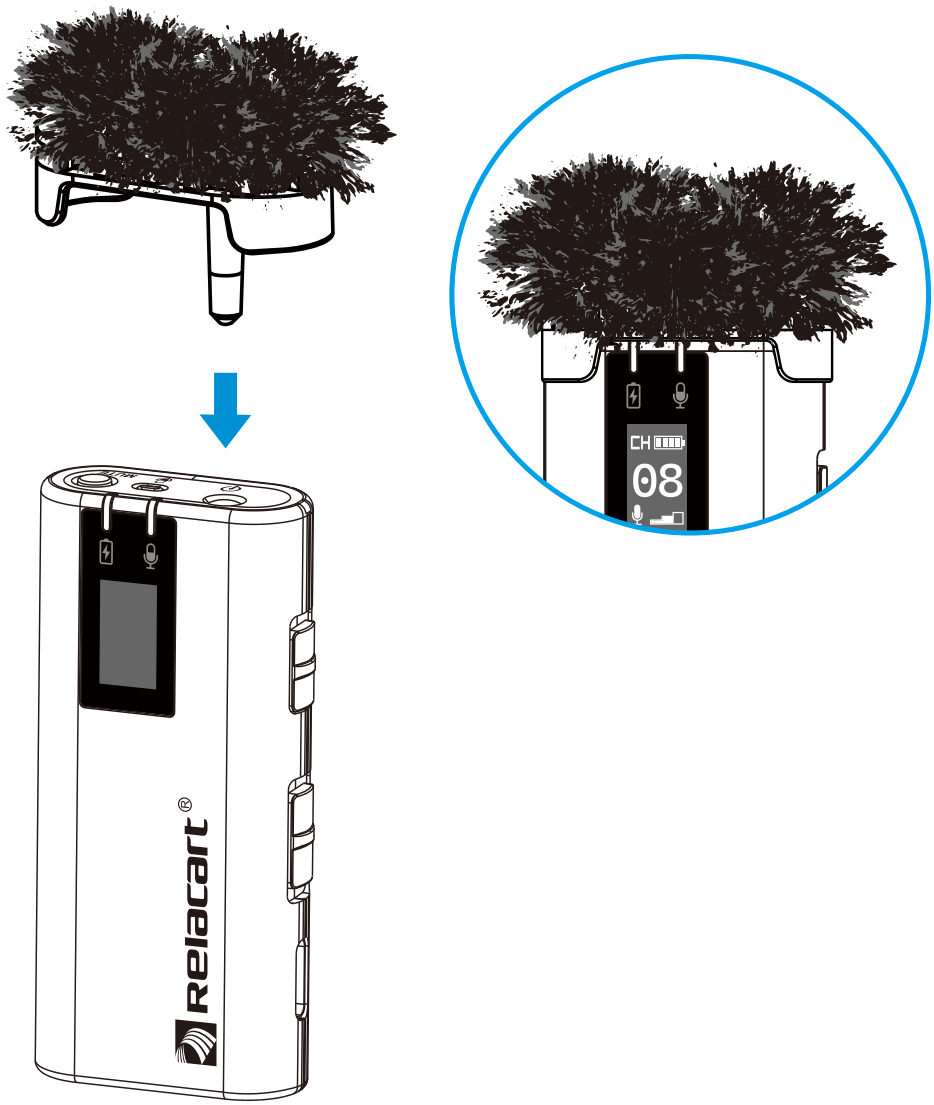
Electricity level meets
(always on)

Low battery (flashing)

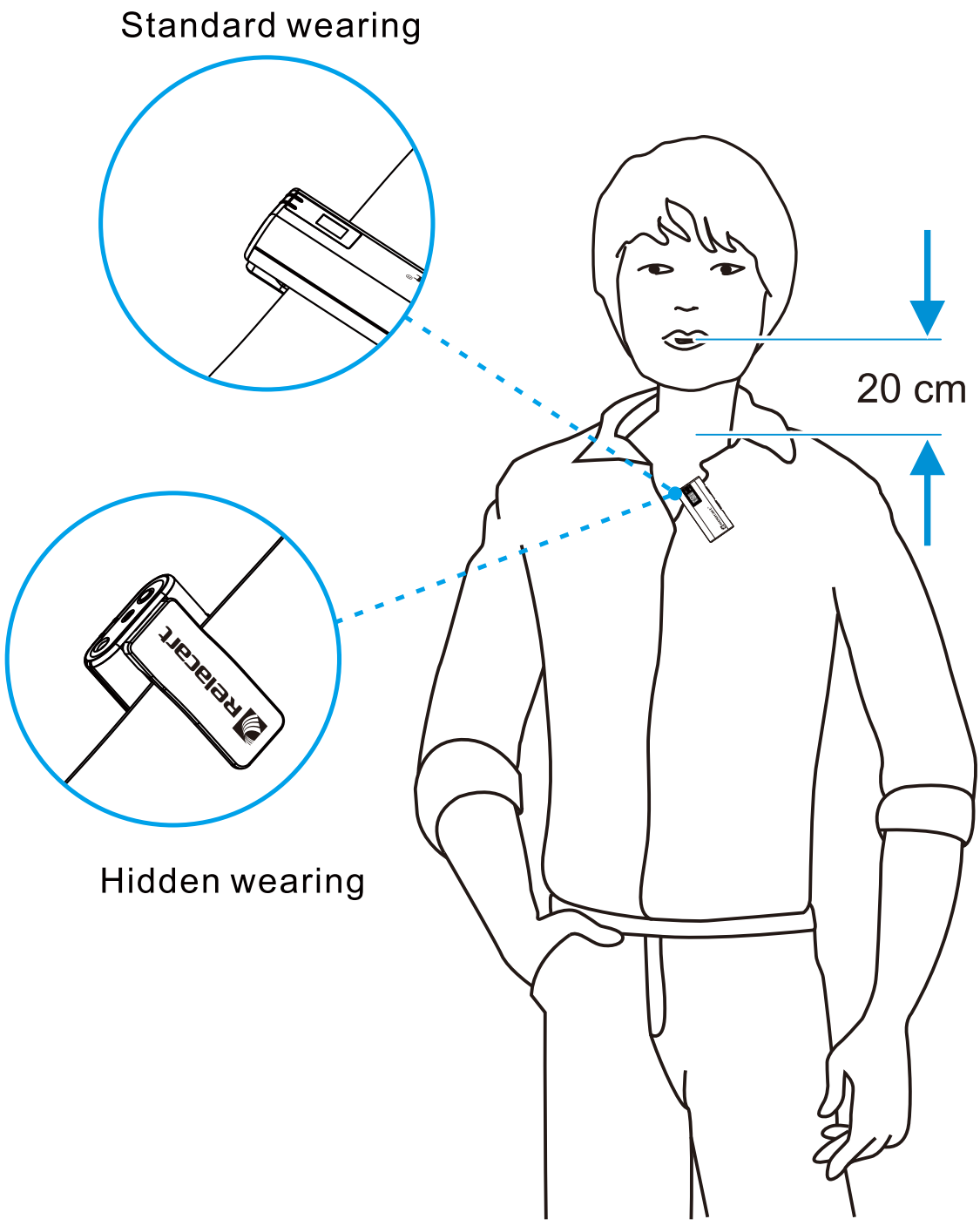
Mic Gain



Installation of windproof fur bracket



Wearing method



Technical Parameter

IMIC-6 Dual Channel Receiver

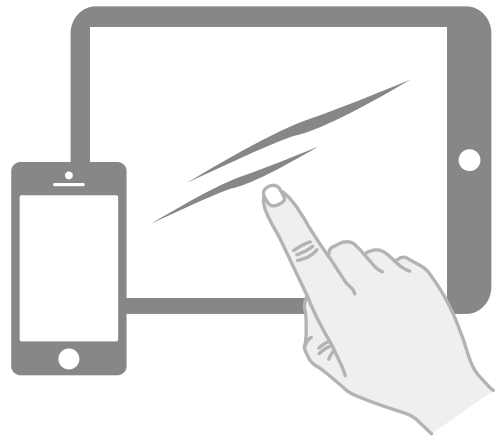
Receiving Frequency Range:	470MHz-960MHz
Receiving Method:	Superheterodyne
Image Rejection:	45dBm
RF Sensitivity:	When inputting 10dBu, S/N≥45dB
Squelch adjustment:	Built-in setting parameters
Frequency synchronization method:	Manual button setting
Digital Audio Output:	Supports Type-C, USB audio, RJ45, DANTE audio
Power Supply Mode:	DC12V 1A
Dimensions (mm):	410 (W)×206 (D)×43 (H)
Net Weight:	1.9kg

T6 Mini Wireless Microphone

Carrier Frequency Range:	470MHz-960MHz
Oscillation Mode:	PLL frequency synthesis
Transmit Power:	13.5dBm
Carrier Error:	0.005%
Harmonic Radiation:	-32dBm
Modulation Method:	FM
Max. Deviation:	±65KHz
Max. Input Level:	25mV
Frequency Setting:	Auto/Infrared
Power Supply Mode:	Built-in 3.7V 435mA lithium battery power supply
Normal Working Current:	100mA
Max. Charging Current:	300mA
Battery Life:	≥4 hours
Dimensions (mm):	32(W)×16.5(D)×67(H)
Net Weight:	31.5g

www.relacart.com

Online Manual



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