

ISOLO CHOICE

Pilot's Handbook of ISOLO CHOICE

INTRODUCTION

ISOLO CHOICE series is an advanced stage performance system, developed and launched by CLOUDVOCAL after the first generation of ISOLO PURE. To better suit different needs, this generation of microphones has been newly designed and adjusted for each different instruments to capture the most truly nuances. In addition, the receiver has also been substantially upgraded to maximize its capability and performance. Now with integrated preamp, EQ and effects, plus precise control of balance all in one package, allows you to focus just on creating music. Whether you want to connect directly to the amplifier, effect pedals or straight into mixing console, our new ISOLO CHOICE stage receiver is up to all tasks.

WARRANTY

- Within 12 months from the date of purchase, if the product fails under normal use conditions during the warranty period, CLOUD VOCAL will repair or replace the product free of charge.
- Accessories that comes with the product is not covered by the same warranty. If there' s malfunctions in the accessories come with the package, please contact us within 7 days of purchase.
- Please keep your order number and proof of purchase for future warranty service.
- Warranty service does not include the following: improper installation, operation, cleaning, maintenance, accident, damage, misusage, abuse, natural wear or other accidents, actions, faults or negligence causing a malfunction, etc.

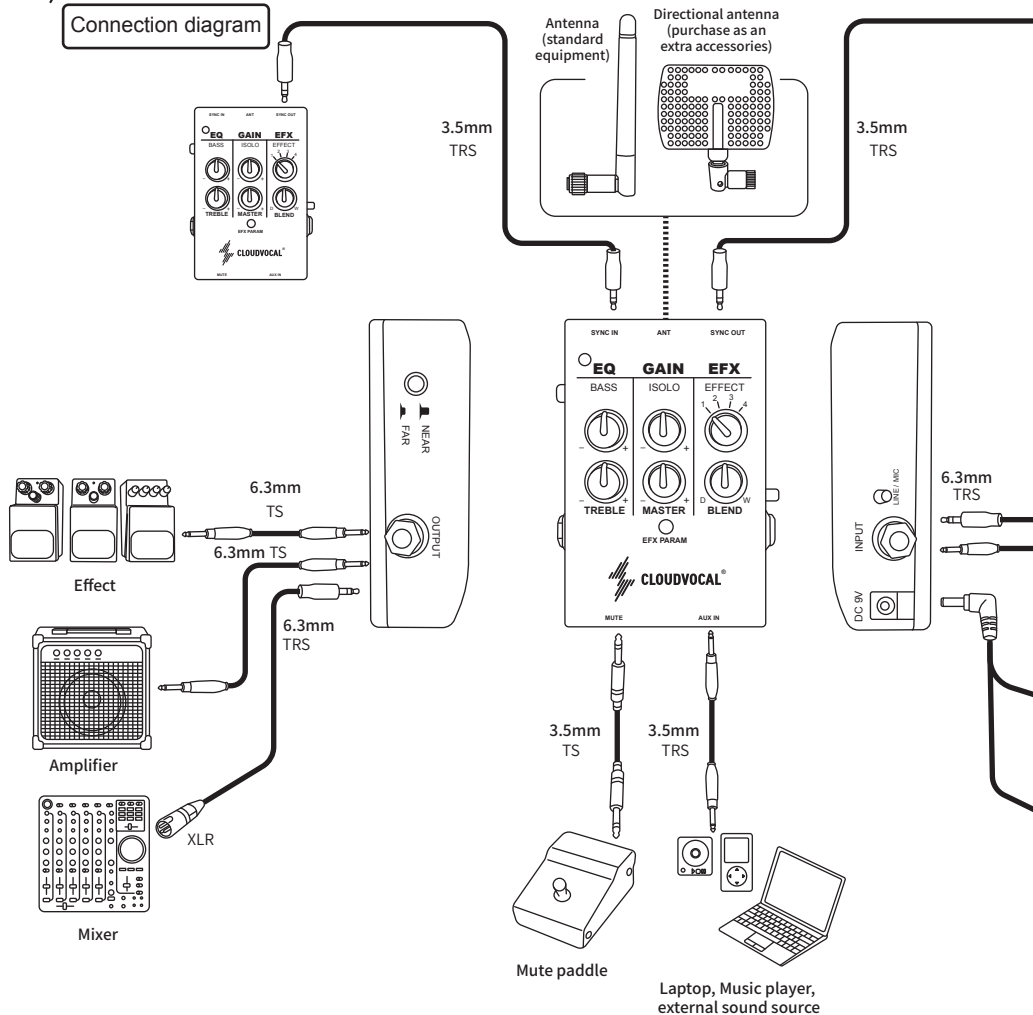
FCC Statement

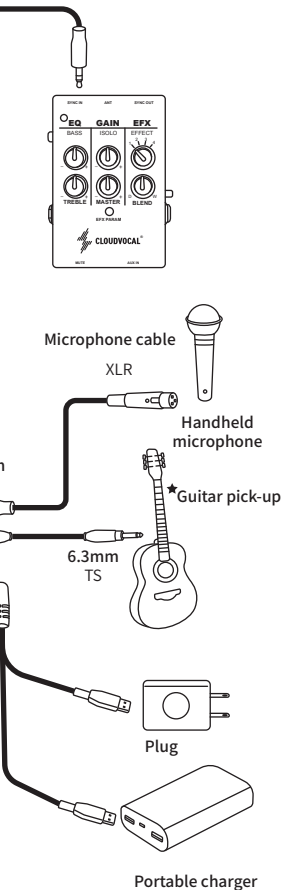
WARNING

- This product is made of precision machinery and electronic parts. Please keep it in cool and dry environment at all times. Rain, moisture, liquid and other minerals will corrode the electronic circuit. Continued use under abnormal conditions may result in fire or electric shock due to heat.
- If the microphone power supply or the ISOLO CHOICE stage receiver is damaged, do not attempt to repair it by yourself. Please have it handed over to a qualified technician or dealer.
- When using an AC adapter, do not use it in a location where it can get wet or exposed to moisture. A damaged AC adapter or USB cable may cause a malfunction or fire. Please hand it over to a professional technician or dealer.

PRODUCT SPECIFICATION

Connection diagram





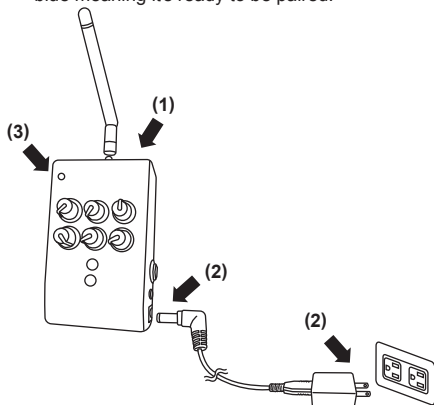
Specification Sheet

MODE SELECT	NEAR MODE	FAR MODE
Range	> 15 meters Line-of-sight outdoors.* *Actual distance depending on the environment	> 30 meters Line-of-sight outdoors.*
Latency	10ms	20ms
Frequency Response	10-20kHz, +1dB / -3dB	10-16kHz, +1dB / -3dB
System THD + Noise	< 0.05% (1kHz @ -10dB FS)	< 0.05% (1kHz @ -10dB FS)
Battery Operation Time	>5 hours	> 7 hours
Operating Band	2.4 GHz ISM Worldwide	
Operating Temperature	-10°C to 50°C	

QUICK START GUIDE

Step 1 Setup CHOICE stage receiver

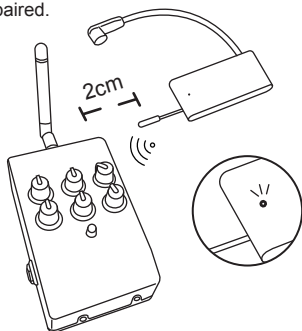
Screw in the antenna to the stage receiver and plug in the power. At this time, the power indicator flashes blue meaning it's ready to be paired.



Step 3 Pair Microphone

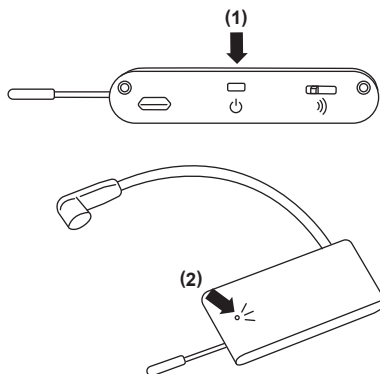
Place the microphone close to the stage receiver (about 2 cm away), and press the pairing button shortly.

When the transmitter is showing green indicates that the two are paired.



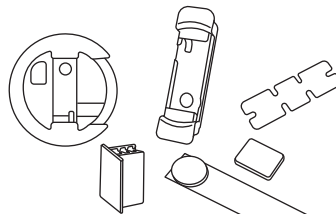
Step 2 Turn on Microphone

Press the power switch of the microphone transmitter for 5 seconds, and the pairing indicator starts to flash.



Step 4 Install the microphone to the instrument

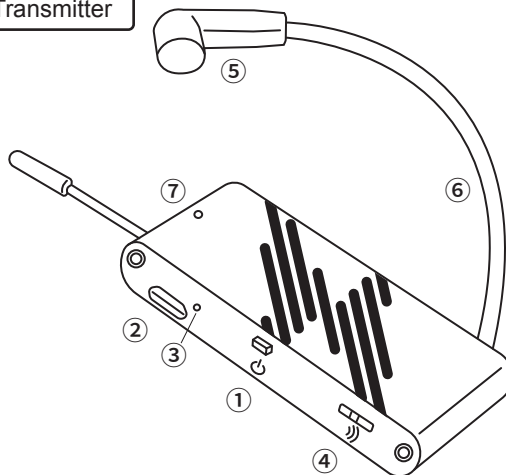
Attach the microphone on to different instruments: please refer to its mount manual which comes with your ISOLO model.



Please scan the QR-Code to see the video reference.

PRODUCT SPECIFICATION

Microphone Transmitter



① Power / Pairing button

② Charging Terminal

Charging method:

1. Connect the USB charging cable to the terminal
2. Connect the other end of the USB charging cable to the power transformer

*Please charge the microphone for 2 hours for the first time.

③ Charging / Low Power Indicator

Indicator

Red light on

Red light off

Battery of Mic

charge or low battery

Full battery

④ Preamp Gain

Three modes: low, medium and high.
Feel free to adjust its gain when needed.

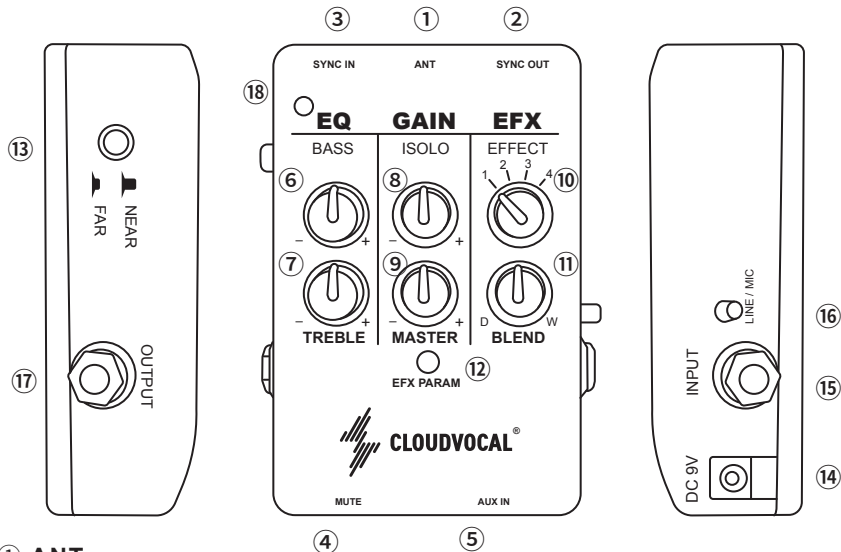
⑤ Studio-grad Capsule

⑥ Low-rebound Gooseneck

⑦ Power / Pairing Indicator

PRODUCT SPECIFICATION

ISOLO CHOICE Stage Receiver

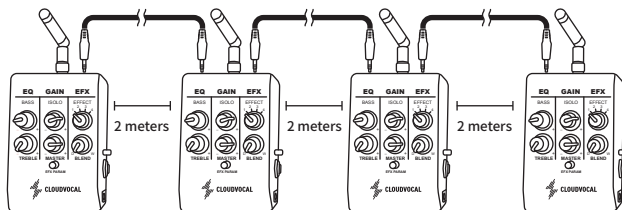


① ANT

② SYNC OUT

③ SYNC IN

When using multiple systems at the same time, it's recommend to connect receivers with sync cables (3.5mm cable).



SYNC IN / SYNC OUT Connection diagram

- Using 2-4 iso systems at the same time: It's recommended to leave 2m distance between each receiver. Please connect each receiver with sync cables as following illustration.

- ④ **MUTE** Connector for a footswitch.
mono jack, 1/8 inch (3.5mm) Function:
Switch ON = channel muted
The mute pedal is available as additional purchase.
-
- ⑤ **AUX IN** 1/8 inch 3.5 mm stereo jack socket.
Auxiliary stereo input and mono-mixed out
(CD/MP3 player)
-
- ⑥ **BASS** Bass control of ISOLO mic signal
+/- 6dB @200hz (shelf type)
-
- ⑦ **TREBLE** Treble control of ISOLO mic signal +/- 6dB @8khz
(shelf type)
-
- ⑧ **ISOLO** ISOLO mic Gain control +/- 6dB
-
- ⑨ **MASTER** Master volume control
Mute~0dB
-
- ⑩ **EFX** Digital effect processor with 4 presets
1= Room reverb
2 = Hall reverb
3 = Chorus
4 = Delay
Note: effects on ISOLO mic signal only.
-
- ⑪ **BLEND** Controls the balance of dry and wet signal.
Turn the knob counterclockwise all the way
for 100% dry signal.
-
- ⑫ **EFX PARAM** 1. Room Reverb:
When effect position 1 is selected,
EFX PARAM adjusts the Decay Time of Room Reverb.
2. Hall Reverb:
When effect position 2 is selected,
EFX PARAM adjusts the Decay Time of Hall Reverb.
3. Chorus:
When effect position 3 is selected,
EFX PARAM adjusts the LFO rate of Chorus effect.
4. Delay:
When effect position 4 is selected,
EFX PARAM adjusts the Delay Time of Delay effect.

⑬ FAR/NEAR

Recommendation :

- 📻 **Near mode** 15 meters Line-of-sight.
Uncompressed signal transmission.(Best sound quality)
- 📻 **Far mode** 30 meters Line-of-sight.
Slightly compressed signal transmission.(Extended transmission distance)

*Actual distance depending on the environment

⑭ DC INPUT

Power supply input range (7-9 Volt DC)
There are two methods of supply power to ISOLO receiver using power DC7V Converter Cable:
1. Connect it to power adapter(5V/2A), then plug it into a wall socket.
2. Directly connect it to a power bank.



⑮ LINE/MIC INPUT

Two kind of input
High impedance input for instrument pickups* and line-level sources
1. 1/4 inch (6.3mm) balanced TRS input
(T = positive (+), R = negative (-), S = ground)
2. 1/4 inch (6.3mm) unbalanced TS input
(T = positive (+), S = ground)
*recommended passive pickups to avoid interference

⑯ LINE/MIC GAIN

0dB~40dB

⑰ OUTPUT

Two kind of output
1. 1/4 inch (6.3mm) balanced TRS output
(T = positive (+), R = negative (-), S = ground)
2. 1/4 inch (6.3mm) unbalanced TS output
(T = positive (+), S = ground)

⑱ POWER INDICATOR

Blue light	Green light	Red light
Battery level high	Battery level medium	Battery level low (needs to be charged)

the power consumption of battery on microphone transmitter will change along with the distance of the choice receiver

	Blue light	Green light	Red light
📻 Near	5hrs - 3.5hrs	3.5hrs - 0.5hrs	<0.5hrs
📻 Far	7hrs - 4.5hrs	4.5hrs - 0.5hrs	<0.5hrs

Federal Communication Commission Interference 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 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.

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 equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

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.