DONNER CV-2 Wireless Microphone System

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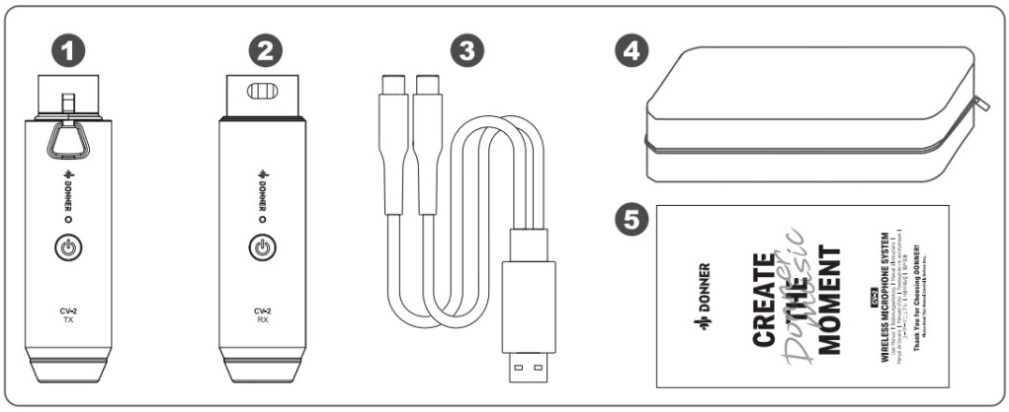


Technical Reference

1. **Sampling Rate**: 192kHz/24bit, Mono
2. **Feet:** ≥100ft
3. **Delay:** ≤5ms

4. **Audio SNR:** ≥110dB
5. **Input impedance:** 20-50K
6. **Background noise:** ≤-95dBV
7. **THD+N:** ≤-95dB
8. **Dynamic range**: ≥110dB
9. **Frequency response range**: 20Hz-20KHz
10. **Usage Time:** ≥8 hours and Charging Time: ≤2.5 hours
11. **Built-in battery**: 3.7V DC 400mAh 1480Wh (lithium polymer battery)
12. **Charging input**: 5V DC 100mA
13. **Operating temperature**: 0°C to 55°C
14. **Storage temperature**: -10°C to +55°C
15. **External specifications**: transmitter/receiver 80mm (length)*23mm (diameter)
16. **Radio Frequency band(s)**: 2402MHz-2480MHz
17. **Maximum radio-frequency power transmitted**: <4dB

Function Overview

1. Wireless audio forwarding can replace wired audio transmission and achieve an experience almost identical to that of wired.
2. The 2.4G band intelligent frequency hopping communication protocol has strong anti-interference capabilities, handling up to 20% wireless error rate.
3. Using the exclusive HyFis codec, real-time full-frequency AI neural network noise reduction technology.
4. Industry-leading ultra-low latency, low power consumption, lossless high fidelity, and long-range transmission.
5. Applicable to professional stage performances, program hosting, musical instrument performances, webcasting, and more.

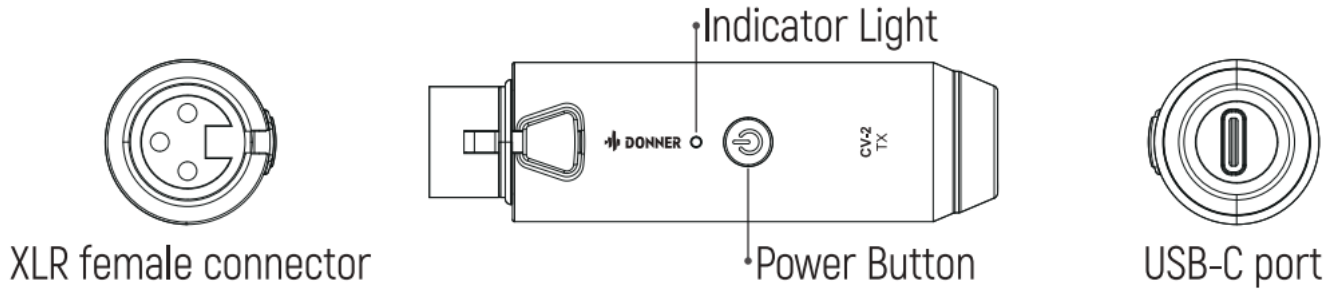
Introduction of TX Transmitter

1. **Power button**: Power on/off switch.
   Press and hold the power button for more than two seconds to switch on the device. Once powered on, the TX (transmitt,er) and RX (receiver) will automatically pair, provided that both TX and RX are powered on.
2. **Indicator Light**

- **Blue light is always on:** Paired and connected.
- **Blue light is blinking slowly:** Disconnected.
- **Blue light is blinking rapidly**: Pairing mode.
- **Red light is always on**: Charging state (Note: The device will automatically enter standby mode and cannot be used while charging).
- **Lights off:** Powered off or fully charged.
- When the power is lower than 10%, the indicator light flashes red at a frequency of 0.5s. When the power is turned off for charging, the indicator light is always on red, and the light goes out when it is fully charged.

3. **Power Connector:**

   Type-C port, for charging and firmware upgrades.



RX receiver function introduction

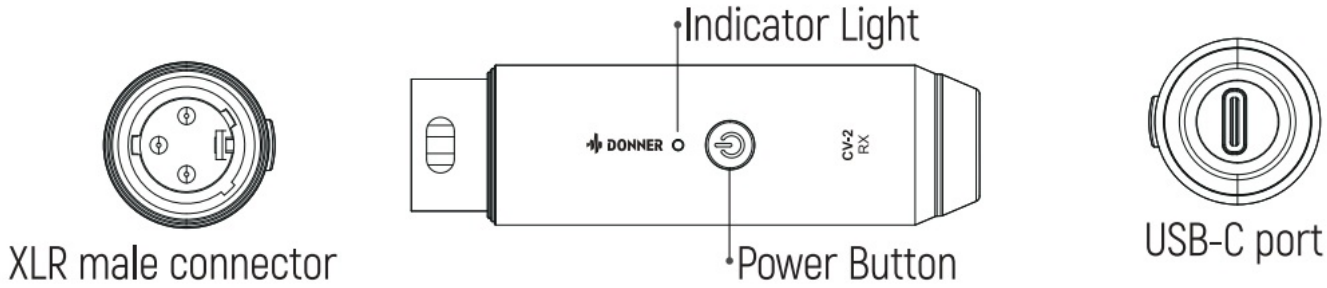
1. **Power button**: Power on/off switch.

   Press and hold the power button for more than two seconds to switch on the device. Once powered on, the TX (transmitter) and RX (receiver) will automatically pair, provided that both TX and RX are powered on.

2. **Indicator Light**
   - **Blue light is always on**: Paired and connected.
   - **Blue light is blinking slowly**: Disconnected.
   - **Blue light is blinking rapidly**: Pairing mode.
   - **Red light is always on**: Charging state (Note: The device will automatically enter standby mode and cannot be used while charging).
   - **Lights off:** Powered off or fully charged.
   - When the power is lower than 10%, the indicator light flashes red at a frequency of 0.5s. When the power is turned off for charging, the indicator light is always on red, and the light goes out when it is fully charged.

3. **Power interface:**

Type-C interface, for charging, upgrading firmware



Instructions for use

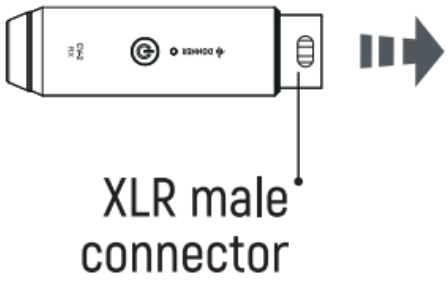
1. Plug the TX (transmitter) into the XLR output connector of the microphone or device.
2. Plug the RX (receiver) into the XLR input connector of an active speaker or mixer.
3. First, turn on the power switches of the TX (transmitter) and RX (receiver), and then turn on the speaker power.
4. Ensure that there are no obstacles or walls between the TX (transmitter) and RX (receiver), and that the straight-line distance does not exceed the effective operating range.

TX and RX usage scenarios

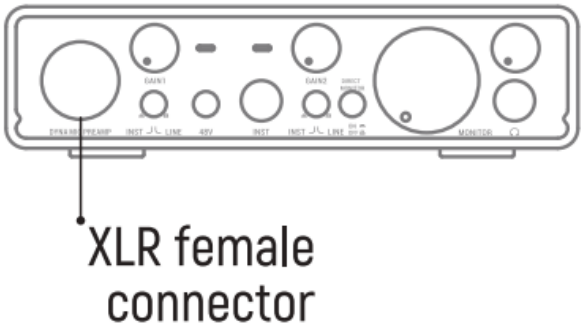
1. **Use it with a sound card:**
   Plug the TX (transmitter into the XLR output connector of the microphone and the RX (receiver) into the XLR input connector of the sound card.
   - Transmitter (TX)

     
   - Microphone

     
   - Receiver (RX)



- Audio Interface



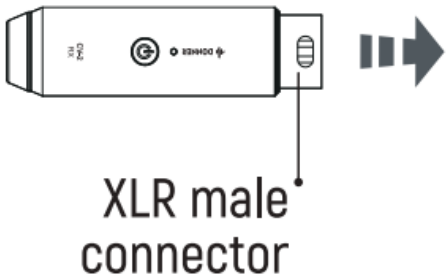
2. **Use on the speaker**:

   Insert TX (transmitter) into the XLR output connector of the microphone and RX (receiver) into the XLR input connector of the speaker.

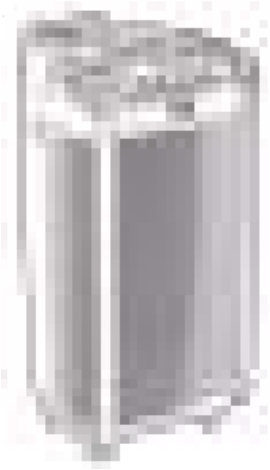
   - Transmitter (TX)

   - Microphone

   - Receiver (RX)



   - Speaker



3. **For use with a mixing console**:

   Plug the TX (transmitter) into the XLR output connector of the microphone, and the RX (receiver) into the XLR input connector of the mixing console.

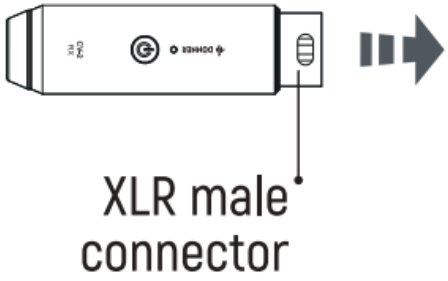
   - Transmitter (TX)

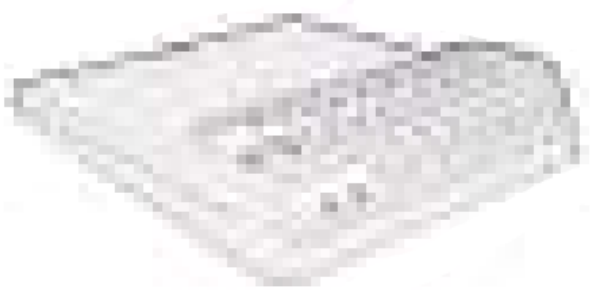
   - Microphone

   - Receiver (RX)

   - Mixer/Console

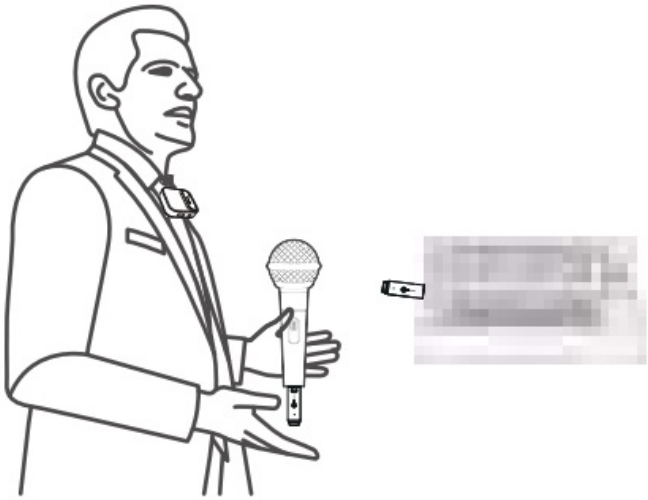
     

Safety instructions

1. This product is a precision electronic device and should be kept away from water and protected from heavy impacts. If it accidentally gets wet, please turn off the device, shake off the water, and promptly seek assistance from professional technical personnel.
2. When not in use for an extended period, the battery should be fully charged every three months to maintain its performance.
3. The battery inside the device should not be exposed to direct sunlight, fire, or other sources of excessive heat.
4. Please use the cables/connectors supplied with this product or those recommended by the dealer/manufacturer; otherwise, the product may not function properly.
5. Please select an adapter that complies with local certification regulations and product standards to avoid damaging the equipment and preventing dangerous accidents.
6. To prevent signal interruptions, try to keep the transmitter and receiver facing each other.

   As shown in the figure below.

   - face to face(correct)



   - back to back (incorrect)

Warning

- **Electronic devices**
  - Don’t use the device at any site where wireless devices are expressly prohibited, otherwise other electronic devices will be interfered and other dangers will be caused.
- **Impacts on medical devices**
  - At any medical and healthcare site where wireless devices are expressly prohibited, please follow relevant rules and turn off the device.
  - The radio waves from the device may have impacts on the normal operation of implantable medical devices or personal medical devices, such as pacemakers, implanted cochleas, and hearing aids. If you use such medical devices, please consult the manufacturer about the restricted conditions of using the device.

⚠ **Warning:**

Cancer – www.P65Warnings.ca.gov.

FCC Statement

FC Changes or modifications not expressly approved by the party responsible for compliance could void the users 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

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 device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

CE Manufacturer hereby, declares that the This products is in compliance with Directive 2014/53/EU, and this product is allowed to be used in all EU member states.

WARNING: This symbol means the product must not be discarded as household waste, and should be delivered to an appropriate collection facility for recycling Proper disposal and recycling helps protect natural resources, human health and environment. For more information on disposal and recycling of thisproduct, contact your local municipality, disposal service, or shop where you bought this product.

⚠ **Warning!** Lithium battery product

- Replacement of a battery with an incorrect type that can defeat a safeguard;
- CAUTION! Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery,that can result in an explosion;
- Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas;
- A battery subjected to extremely low air pressure that can result in an explosion or the leakage of flammable liquid or gas.

Customer Support

Wireless Microphone System

Model: CV-2

FCC ID: 2AV7NCV-2

Website: www.donnermusic.com

Model: CV-2

Email: service@donnermusic.com

FCC ID: 2AV7NCV-2

Manufacturer: Guangzhou Rantion Technology Co., Ltd.

Address: Room 7002 and 7003, 7th Floor, Digital Entertainment Industrial Park, Greater Bay Area, No. 28 Huangpu Park West Road, Huangpu District, Guangzhou, China.

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Information for EU representatives

Name: SUCCESS COURIER SL

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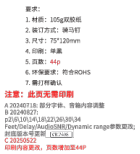
E-mail: successservice2@hotmail.com

220-JP8302

DONNER

Documents / Resources

	DONNER CV-2 Wireless Microphone System [pdf] User Manual CV-2 Wireless Microphone System, CV-2, Wireless Microphone System, Microphone System, System

References

- User Manual

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CV-2, CV-2 Wireless Microphone System, Donner, Microphone System, System, WIRELESS MICROPHONE SYSTEM

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