# Network Amplifier

Quick Start Guide

UD35503B-C

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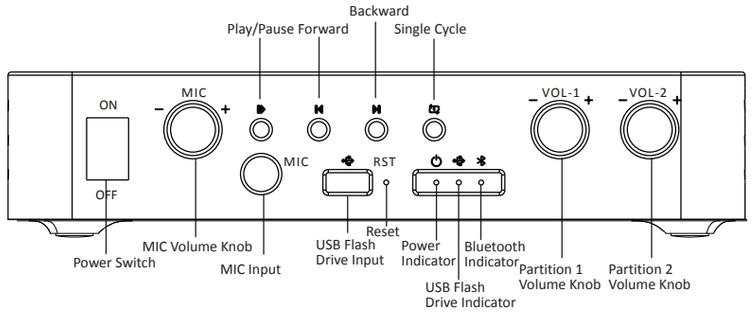
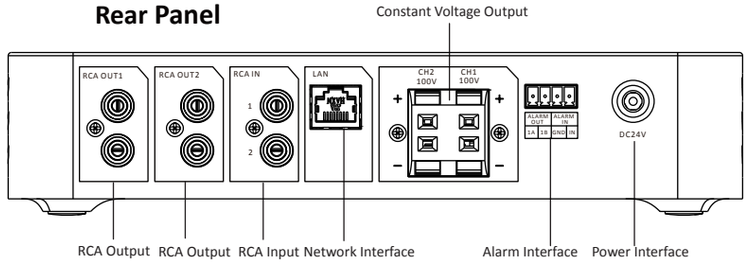
## 1 Appearance

### Appearance

**Front Panel**




**Rear Panel**




**Indicators:**

Power indicator (solid white): the device is normally working.

USB flash drive indicator (solid white): the device is in USB flash drive mode.

Bluetooth indicator (solid blue): the device is in Bluetooth mode. The default Bluetooth name is "Audio xxx".

**Buttons:**

Single cycle: single cycle playback of USB flash drive audio.

Reset: press and hold for 5 seconds to restore the device to factory settings.

Single cycle is disabled by default.

**Knobs:**

MIC volume knob: adjust the volume of MIC.

Partition 1 volume knob: adjust the volume output of CH1 and RCA OUT1 on the rear panel.

Partition 2 volume knob: adjust the volume output of CH2 and RCA OUT2 on the rear panel.

**Interfaces:**

MIC input: connect to the 6.35 mm moving-coil microphone.

USB flash drive input: connect to the USB flash drive in USB2.0 format.

RCA output: for amplifier cascading.

RCA input: connect to the audio device with RCA interface,  and support 2 RCA inputs.

LAN: for network connection.

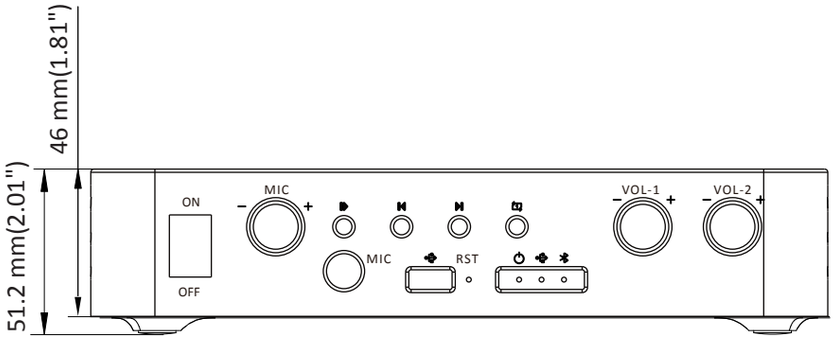
Power interface: 24 VDC.

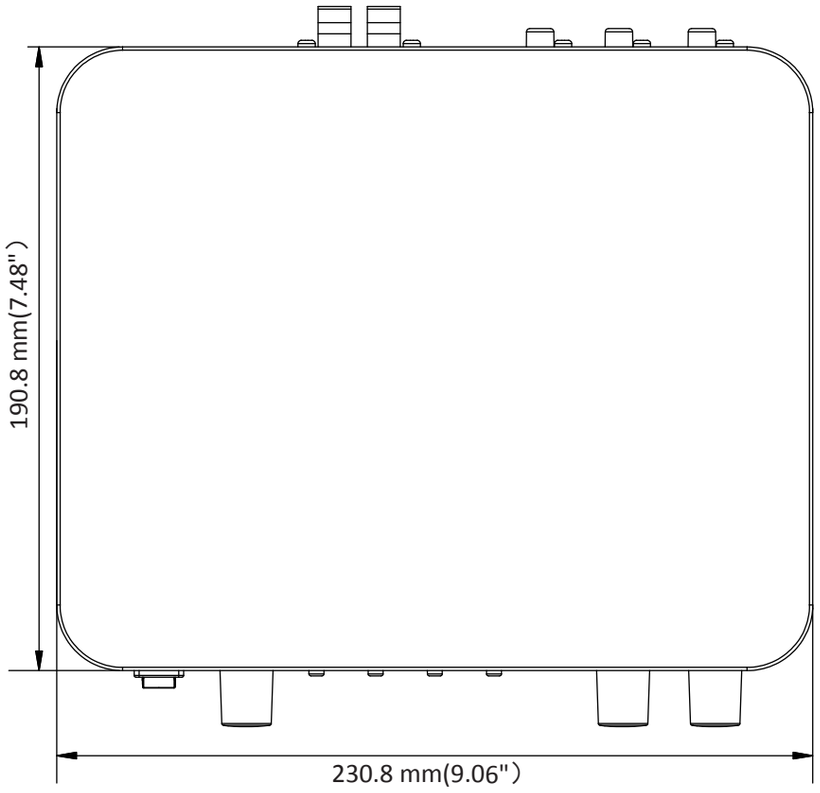
Alarm interface: 1 alarm input and 1 alarm output.

Constant voltage output:  a single channel can be connected to speakers rated at a voltage of 100 V.

- When selecting the USB flash drive input, the audio files in the same level directory folder will be played first according to the playback order of the USB flash drive, and then the audio files in the root directory will be played.
- The power of constant voltage output CH1/CH2 cannot exceed 40 W, and the total power of constant voltage output cannot exceed 80 W.

### Dimensions



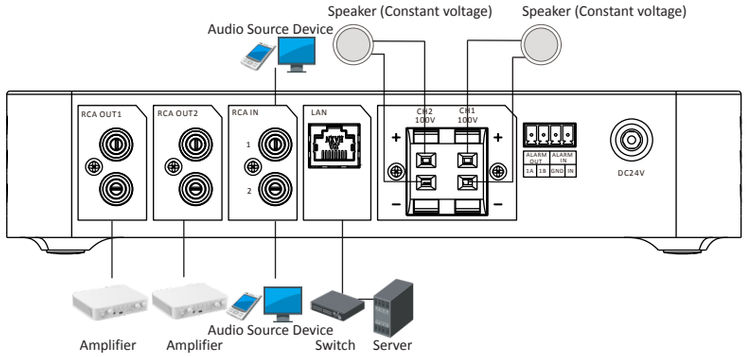



## 2 Installation&Wiring

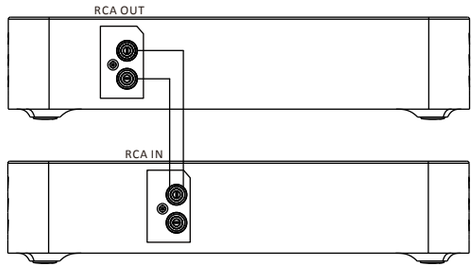
- Use the standard power adapter.
- Complete wiring before installation.
- Make sure all the related equipment is power-off during the installation.

### Wiring

Refer to the diagram below for wiring.

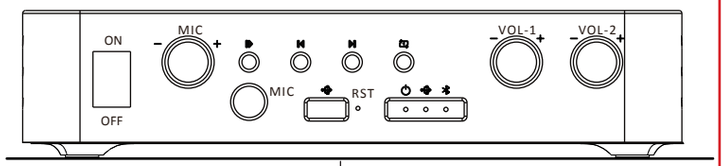



### Amplifier Cascading




### Installation

Place the device directly on a sturdy and stable table.




Table

### Warning

- Refer to the device label for the standard power supply. Please make sure your power supply matches with your device.
- In the use of the product, you must be in strict compliance with the electrical safety regulations of the nation and region.
- CAUTION: If the fuse of the device can be replaced, replace it only with the same model to reduce the risk of fire or electric shock.
- CAUTION: If the device needs to be installed with a specific bracket of our company, use the corresponding bracket only. Use others (such as carts, stands, and carriers) may result in instability and cause injury. Refer to the device datasheet for bracket model details. Refer to datasheet for details.
- For the device with sound playing function, to prevent possible hearing damage, do not listen at high volume levels for long periods. Refer to the user manual for details.
- Refer to the device label for the standard power supply. Please make sure your power supply matches with your device.
- Make sure that the power has been disconnected before you wire, install, or disassemble the device.
- To avoid heat accumulation, good ventilation is required for a proper operating environment.
- If smoke, odor, or noise arises from the device, immediately turn off the power, unplug the power cable, and contact the service center.
- If the product does not work properly, please contact your dealer or the nearest service center. Never attempt to disassemble the product yourself. We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.

### Caution

- For the battery with + and - signs, + identifies the positive terminals of the device which is used with or generates direct current, and - identifies the negative terminals of the device which is used with or generates direct current.
- No naked flame sources, such as lighted candles, should be placed on the equipment.
- If the serial port of the device is used for debugging only, it is reserved only for professionals or technical support for device maintenance. Refer to the document for details.
- Attach the device properly to the floor/wall in accordance with the installation instructions to prevent injury. Refer to the document for details.
- DO NOT drop the product or subject it to physical shock. Do not install the product on vibratory surface or places.
- DO NOT expose the device to high electromagnetic radiation.
- DO NOT expose the device to extremely hot, cold, dusty, corrosive, saline-alkali, or damp environments. For temperature and humidity requirements, refer to the datasheet for details.
- DO NOT install indoor product where it may get wet by water or other liquid.
- To avoid fire hazard or electric shock, DO NOT expose the device to rain or extremely damp environments.
- Accessing to the Internet may cause network security problems. Please strengthen the protection of your personal information and data security. When you find that the device may have network security risks, please contact us in time.
- Proper configuration of all passwords and other security settings is the responsibility of the installer and/or end-user.
- Keep all wrappers after unpacking them for future use. In case of any failure occurred, you need to return the device to the factory with the original wrapper. Transportation without the original wrapper may result in damage on the device and the company shall not take any responsibilities.

### Note

- This installation should be made by a qualified service person and should conform to all the local codes.

## 3 Quick Setup

You should activate the device before the first login. After powering on the device, the system will switch to Device Activation page.

### Activate via Web Browser

1. Make sure the device IP address and the computer's should be in the same IP segment.
2. Enter the device default IP address (192.168.1.64) in the address bar of the web browser, and press **Enter**.
3. If you have more than one device in your network, please change the IP address of the device to prevent the abnormal access caused by IP address confilict. After logging in to the device, you can go to **Configuration** -> **Network** -> **Network Settings** -> **TCP/IP**, and modify the IP address, subnet mask, gateway and other parameters.

We highly recommend you change the password of your own choosing (using a minimum of 8 characters, including at least three kinds of following categories: upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product.

### Network Settings

1. Go to **Configuration** -> **Network** -> **Network Settings** -> **TCP/IP** for parameter settings.
2. Network Parameter Settings
   - Manually enter the **IPv4 Address**, **IPv4 Subnet Mask**, **IPv4 Default Gateway**, **Preferred DNS Address** and **Alternate Address**.
   - Check **Auto DNS** to obtain the parameters automatically.
3. Click **Save**.

### Broadcast Settings

1. Go to **Configuration** -> **Broadcast Settings** -> **Library** to import broadcast materials.
2. Go to **Configuration** -> **Broadcast Settings** -> **Scheduled Broadcast Settings** to create scheduled broadcast.

### Note

For more information about settings, see **User Manual**.

Scan the QR Code to Get User Manual