# Network Amplifier

Quick Start Guide

UD38916B-A

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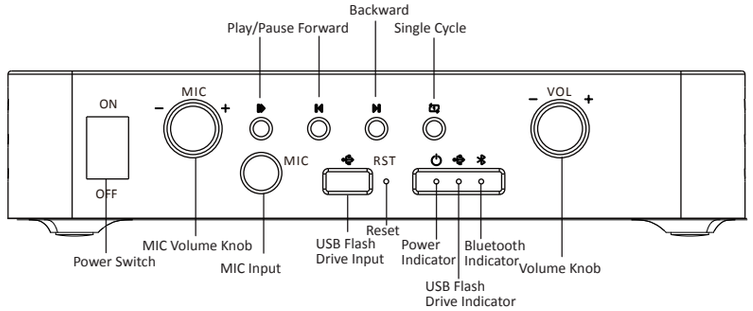
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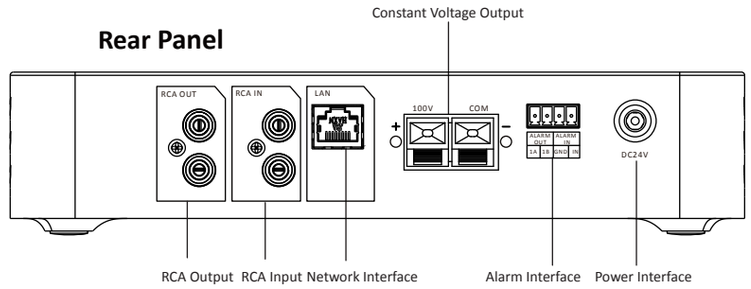
# 1 Appearance

## 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.

Volume knob: adjust the volume of constant voltage output and RCA output 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.

LAN: for network connection.

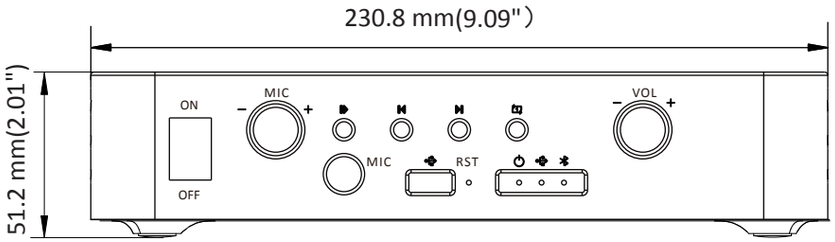
Power interface: 24 VDC.

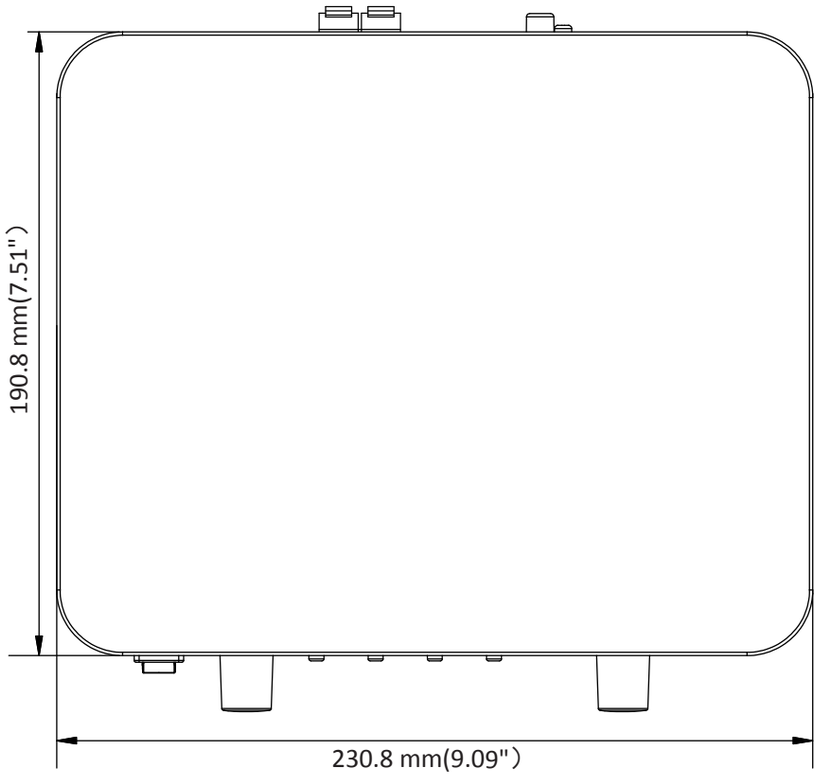
Alarm interface: 1 alarm input and 1 alarm output.

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 cannot exceed 40 W.

## Dimensions



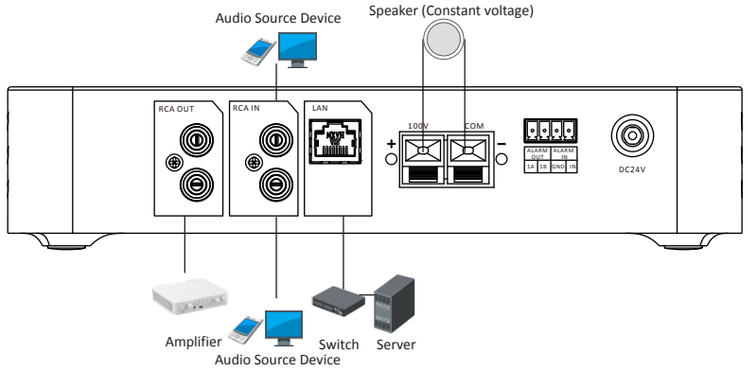



## 2 Installation&Wiring

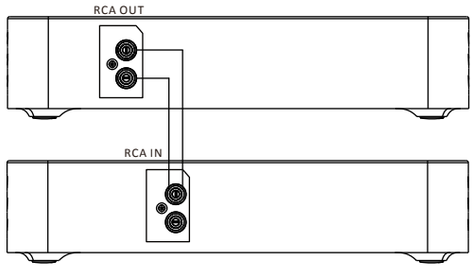
- Use the standard power adapter.
- Complete wiring before installation.
- Make sure all the related equipment is power-off during the installation.

### Wiring

Refer to the diagram below for wiring.

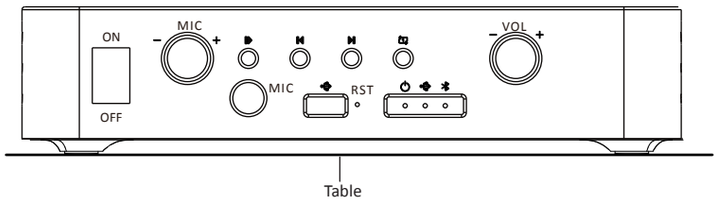



### Amplifier Cascading




### 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

**These clauses apply only to the products bearing the corresponding mark or information.**

**FCC Information**

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
Note: This product 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 product 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 product 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 equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

**FCC Conditions**

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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.

**EU/UK Compliance Statement**

CE This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the Directive 2014/53/EU (RED), Directive 2014/30/EU (EMCD), Directive 2001/95/EC (GPSD), Directive 2011/65/EU (RoHS).

UKCA This product and - if applicable - the supplied accessories too are marked with "UKCA" and comply therefore with the following directives: Radio Equipment Regulations 2017, Electromagnetic Compatibility Regulations 2016, Electrical Equipment (Safety) Regulations 2016, the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012.

Hereby, Hangzhou Hikvision Digital Technology Co., Ltd declares that this device (refer to the label) is in compliance with Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at the following internet address: https://www.hikvision.com/en/support/compliance/declaration-of-conformity.
Frequency Bands and Power (for CE/UKCA)
The frequency bands and transmitting power (radiated and/or conducted) nominal limits applicable to the following radio equipment are as follows:

| Equipment Model | Frequency Bands and Power |
|---|---|
| DS-QA*** | Bluetooth (2400 – 2483.5 MHz): ＜10 dbm |

Use the power adapter provided by a qualified manufacturer. Refer to the product specification for detailed power requirements.
Use the battery provided by a qualified manufacturer. Refer to the product specification for detailed battery requirements.

Directive 2012/19/EU (WEEE Directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info.
According to the Waste Electrical and Electronic Equipment Regulations 2013: Products marked with this symbol cannot be disposed of as unsorted municipal waste in the United Kingdom. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info.

Directive 2006/66/EC and its amendment 2013/56/EU (Battery Directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info.
According to the Batteries and Accumulators (Placing on the Market) Regulations 2008 and the Waste Batteries and Accumulators Regulations 2009: This product contains a battery that cannot be disposed of as unsorted municipal waste in the United Kingdom. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info.

**Industry Canada ICES-003 Compliance**

This device meets the CAN ICES-003 (B) / NMB-003 (B) standards requirements.
Conformité Industrie Canada ICES-003
Cette appareil répond aux exigences des normes CAN ICES-003 (B) / NMB-003 (B).
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.
ce matériel est conforme aux limites de dose d'exposition aux rayonnements, CNR-102 énoncée dans un autre environnement.cette eqipment devrait être installé et exploité avec distance minimale de 20 entre le radiateur et votre corps.

**KC**

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