

AM8318

Multi-room Music System Host



Description

The Am8318 system is an ideal modern multi-room music system. In addition to all the functions of the traditional home audio system, this system also has: 1) Different rooms can play different music programs. 2) Timing point function, that is, to preset a special time point and the specific task to be executed at that time point.

The host integrates functions such as MP3 player, net music, net radio, partitioner, timer, preamplifier and power amplifier. Equipped with 1 DVD stereo input, 2 AUX auxiliary audio source inputs and 3 standard network modules, as well as 8 zone power output interfaces. Besides, this system has a more important function: network module function. After the host is connected to the wired network or wireless router, it can play music and listen to net radio through the mobile terminal, which provides users with great convenience.

Features

- High-quality home multi-room music system.。
- With simple and unique appearance design, TFT color screen and full condenser touch.
- Support multi-zone music sharing, with built-in 8 zones.
- With abundant program sources, external USB, built-in 4G storage, net music, net radio and external audio source input.
- Support audio decoding formats: MP3, WMA, APE, FLAC, WAV, etc.
- With 1 DVD audio input interface, and 2 AUX auxiliary audio input interfaces.
- Support 3 zones to play music in the USB device.
- Support wireless music push function. Through the Wi-Fi connection, the music (including online music)

in the smartphone/tablet can be pushed to the host for playback, and the songs in the network hard disk can also be pushed to the host for playback.

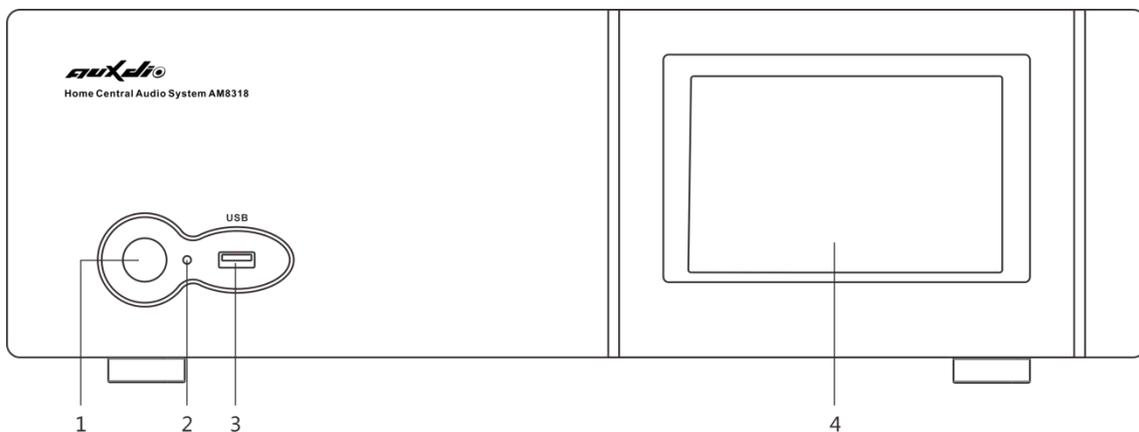
- Support net radio function, no need to worry about poor antenna signal.
- Line out, which can be set to follow the designated zone (any one of the eight zones).
- Each zone adopts stereo output. The rated output power of zone 1 is $2 \times 60W$, and that of zone 2-8 is $2 \times 30W$ respectively.
- Each zone name and audio source name can be edited through the mobile phone software for interaction.
- With powerful timing control function, it can edit multiple timing points every day on a single or repeated basis, and control the switch, volume, net radio and MP3 of each zone on a timing basis.
- With IR study function, it can remotely control the external audio devices such as DVD, TV and AUX.
- RJ45 Ethernet interface, which can be connected to wired network or wireless router, and support wireless control of mobile devices such as iPhone, Android smartphone, tablet computers.
- Connect the control panel by hand in hand, convenient for users to control each zone.
- RS232 remote control interface, which can be easily linked with the smart central control system or smart home system.
- Support network time calibration function.
- Support online firmware upgrade.

Specifications

Model	AM8318
Number of Zones	8 Zones
AUX IN Sensitivity	775mV±100mV
AUX IN Resistance	> 10kΩ
Rated Output Power	Zone 1, 2×60W/8Ω
	Zone 2-8, 14×30W/8Ω
Frequency Response	20Hz-20kHz (±0.5dB)
THD	< 1% (f=1kHz, 1/3 rated output power)
SNR	> 81dB
AUX OUT	Stereo output: 775mV±100mV
Amplifier Output Protection	Output short circuit, overload, DC protection
Power Supply	AC220-240V/50-60Hz
Total Power	600W
Power Protection	AC220V/F4A
Package Dimensions (mm)	(L×W×H) 540×540×230
Dimensions (mm)	(L×W×H) 430×345×132
Gross Weight	19kg
Net Weight	14.6kg

Front / Rear Panel

Front Panel



1) Power Switch (POWER)

Press once to turn on the power; press again to turn off the power.

2) Power Switch LED (POWER)

When the power is turned on, the LED is always red; when the power is turned off, the LED is off.

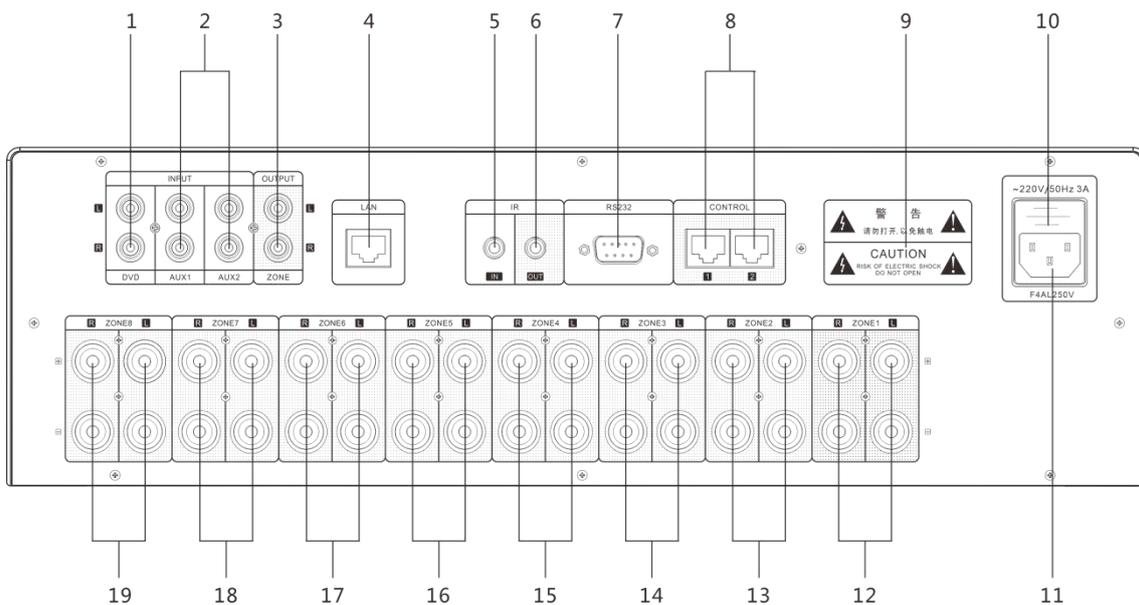
3) USB Interface (USB2.0)

Can connect external USB devices, such as USB flash disk, mobile hard disk or card reader, etc.

4) TFT True Color Display Screen

Display the working status, and control the host through the display screen (full touch screen).

Rear Panel



1. DVD Audio Input Interface

2. Auxiliary Audio Input Interface

Can connect other audio devices that can meet the interface level standard.

3. Audio Signal Line Output Interface

Output different audio signals according to different zones, and connect an external amplifier for power expansion.

4. Network Interface

Can connect RJ45 ethernet port with a network cable to connect the Internet or home LAN.

5. IR Study Input

(Can connect IR study receiver for IR study.)

6. IR Study Output

(Can connect external IR study transmitter for IR study control.)

7. RS232 Interface

Remote control interface, which can control the functions of the machine through the central control device.

8. Control Panel Interface

Can connect the BM828RII control panel through the network cable.

9. Caution Indicator

10. Local AC220V/F4A Power Fuse

(If the power fuse is blown, please replace it with a fuse of the same specification.)

11. Local AC220V Power Input Interface

(When connecting, please connect the power cord to the machine first, and then connect it to the grid.)

12-19. Zone 1~8 Audio Signal Output Ports

Output zone 1~8 audio signals.

System Diagram

