eversolo

PRODUCT **MANUAL**
产品说明手册

DMP - A10 高保真音乐播放器
Hi-End Music streamer

Content/ 目录

Introduction

Thank you for choosing Eversolo product!

The DMP-A10 is a brand new audio product combining music streamer, DAP, DAC, and preamp all in one device. As a reference-grade DAC & streamer, DMP-A10 not only excels at playing and managing various high-resolution local music files but also integrates multiple mainstream music services such as TIDAL, Qobuz, HIGHRESAUDIO, Amazon Music, Deezer and so on. Additionally, it supports TIDAL Connect, WebDAV, and UPnP, etc.

The DMP-A10 features a rich array of input and output ports. It can be used as a digital turntable to paired with various high-end DACs by its isolated USB output, optical, and coaxial output port. As a decoder, it supports a wide range of digital inputs: 2 coaxial, 2 optical, HDMI ARC, and an isolated USB B input for connecting PCs and mobile devices. As a high-performance preamp, it supports one XLR and two RCA analog inputs. The built-in DAC and preamp section provide high-fidelity analog outputs, which can be directly connected to active speakers or power amplifier systems. Additionally, the A10 includes two subwoofer output ports for your convenience, the subwoofer function can be turn on/off in the settings.

The decoding section of the DMP-A10 features the XMOS 316 audio processor paired with the ESS flagship DAC ES9039Pro. It supports decoding up to DSD512 and PCM 768kHz@32Bit, ensuring D/A conversion with extremely low noise and distortion, delivering the most authentic sound without compromise.

The DMP-A10 features a fully balanced preamp function, supporting XLR/RCA analog inputs and +10dB analog gain. Combined with an R2R analog volume control network, it ensures ultra-low noise and distortion, significantly enhancing sound dynamic range and providing better signal-to-noise ratio. Each resistor's attenuation is precisely controlled, and the 0.1dB left-right balance adjustment provides accurate volume matching, ensuring a balanced and consistent sound output.

Before using this device, it is advised to read this manual to make sure the product's features are applied correctly.

Specifications

|	
Material	Aluminium alloy
Display	6.5'' LCD touchscreen
DAC	ES9039 Pro
Audio Processor	XMOS XU316
Storage	4G DDR4 +64G eMMC
SSD Protocol	M.2 2280 NVMe interface*2; Each slot supports up to 4TB SSD
USB Ports	USB3.0*2
Ethernet	RJ-45(10/100/1000Mbps)
SFP Fiber Network	SFP modules need to be purchased separately; Supports single-mode single-fiber, single-mode dual-fiber optical modules, as well as SFP electrical port modules
Wi-Fi	2.4G+5G
DAC Decoding	Supports up to stereo DSD512 Native and PCM 768KHz 32-Bit
Music File Formats	DSD(DSF,DFF,SACD ISO Support DST up to DSD512), MP3,APE,WAV,FLAC,AIF,AIFF,AAC,NRG,CUE
Music Services	Tidal、Qobuz、Highresaudio、Deezer、Amazon Music etc.
Music Streaming	Tidal Connect、WebDav、UPnP、DLNA etc.
Bluetooth Input	BT 5.0, supports SBC/AAC
USB-B Audio Input	USB Compatibility：Windows（10,11），Mac、Android、IOS Supports up to stereo DSD512, PCM 768KHz 32Bit
Analog Audio Input	XLR(balanced)+RCA（pre-input） Input range: RCA maximum 2.5Vrms, XLR maximum 5Vrms
Optical/Coaxial Input	Supports up to stereo PCM 192KHz 24Bit, DSD64 Dop
ARC Input	Supports up to stereo PCM 192KHz 24Bit
Optical/Coaxial Output	Supports up to stereo PCM 192KHz 24Bit 、DSD64 Dop
USB Audio Output	Supports up to stereo DSD512 Native、PCM 768KHz 32Bit (Only supports DAC audio devices compliant with UAC standards.)
Analog Audio Output	XLR(balanced)+RCA（pre-output）
Control Methods	On-screen touch control, Android/iPhone/iPad APP control, remote control
Analog Audio Characteristics	Output Level: XLR 4.2 V; RCA 2.1V Frequency Response: 20Hz~20KHz XLR/RCA（±0.15dB) THD+N: XLR：<0.000078%(-122dB)/RCA :<0.00009%(-121dB) Dynamic Range: XLR > 130dB/RCA > 129dB SNR: XLR >130dB/RCA >129dB Crosstalk: XLR>-123dB/RCA>-122dB
Power Supply	AC 110~240V 50/60Hz Rated Power：30W
Packing List	Power Cable*1,Trigger Cable*1,RemoteControl*1, Antenna*3,User Manual*1

Hardware

SSD Installation

SSDs are not included in the device. There are two SSD slots with M.2 NVMe 2280 interfaces, supports up to 4TB per drive.

How to install SSD:

1. Place the device upside down on a flat surface, unscrew the screws on the cover of the SSD slot, then remove the cover.
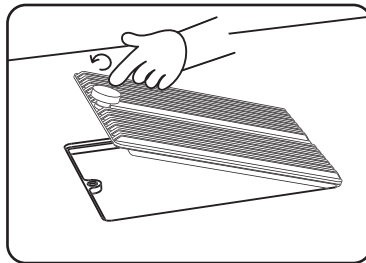

2. Pull open the fastening clip to install the SSD, secure the SSD by pressing the clip, then restore the cover and screws.
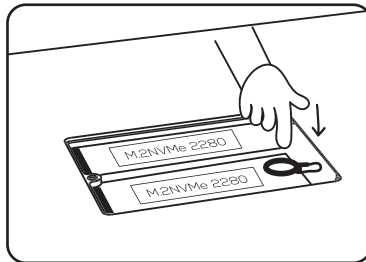

Notes:

1. The installed SSD should conform to the requested specification.

2. It is strictly forbidden to replace the SSD while power is on because doing so will cause harm to the SSD and device.

3. This device only supports SSDs with NTFS/EXFAT/FAT32 file system formats.

4. If the newly purchased SSD is unable to be recognized, please formatting the hard disk via "Home screen > Files> Unknown device>Format icon on left-top corner > Format". It is suggested to choose NTFS format.
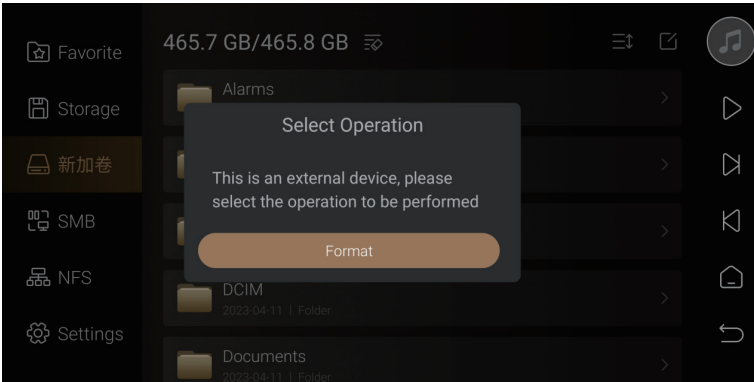
5. To better support Wi-Fi song transferring, it is advised to choose an external storage device as the music directory. Go to Settings >Transfer, and click " ✎ " icon to select the inserted external storage device. Then system will automatically create the "EversoloMusic" folder, where the music files will be stored.
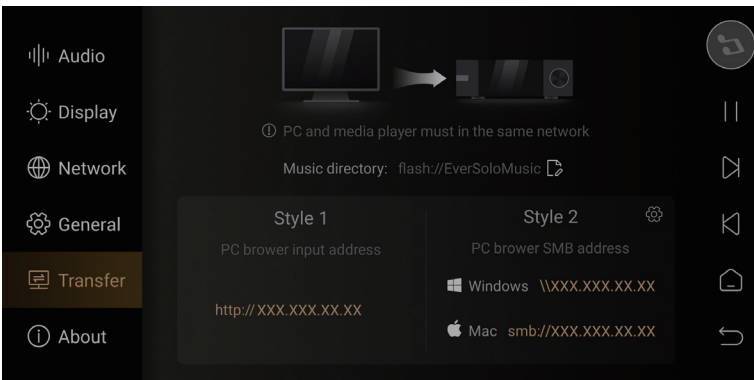
Rear Panel
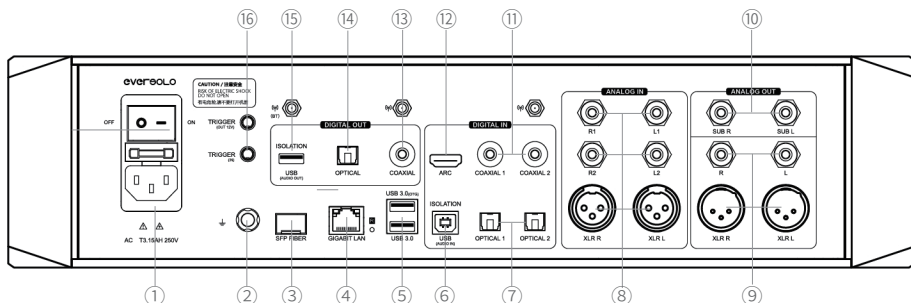
Descriptions:

① Power socket/switch

② Grounding standoff

③ SFP Fiber network interface

④ Gigabit Ethernet network socket

⑤ USB 3.0 OTG: For connecting external storage devices/optical disc drives/PCs(Settings - General - USB OTG)

⑥ USB-B audio isolation input: For connecting mobile phones (requires OTG cable), computers, DAPs, or other sources with USB audio output

⑦ Optical input*2: For connecting CD players, set-top boxes, or digital turntables

⑧ Analog input*3: as a preamp analog input, XLR/RCA are for connecting CD players, set-top boxes, or digital turntables with analog output

⑨ XLR/RCA analog output: For connecting pure preamp, active speakers or power amplifiers

⑩ Subwoofer output*2: For connecting subwoofers

⑪ Coaxial input*2: For connecting CD players, set-top boxes, or digital turntables

⑫ ARC port: For connecting TVs, projectors, or other display devices with HDMI eARC/ARC functionality

⑬ Coaxial output: For connecting decoder or preamp

⑭ Optical output: For connecting decoder or preamp

⑮ USB(Audio isolation out): For connecting audio devices (DAC)

⑯ Trigger in/out: For connecting a power amplifier to enable power-on/off synchronization
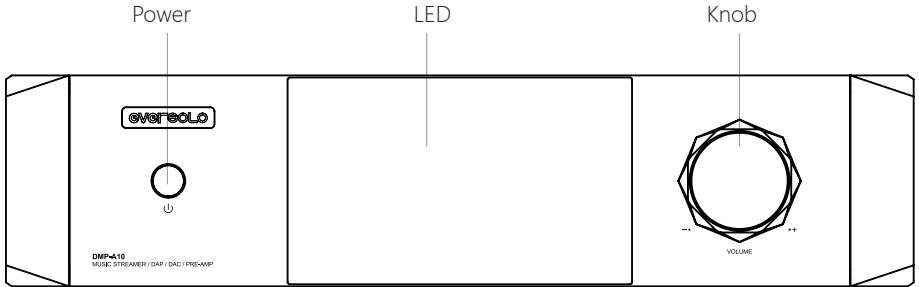
* When using coaxial, optical, Bluetooth, USB-B, or HDMI ARC inputs, you can use coaxial, optical, or analog XLR/RCA outputs.
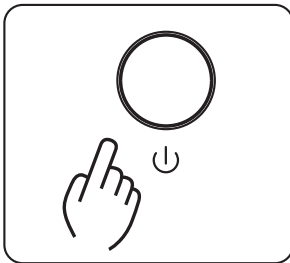* Please install all antennas before using, all of the antennas should point upward.

Antennas diagram

Front Panel

Power   LED   Knob

DMP-A10
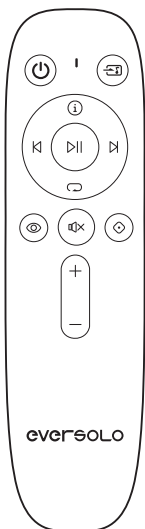MUSIC STREAMER / DAP / DAC / PRE-AMP

VOLUME

Controls

Short press:
Power on/Power off/Reboot/
Timed shutdown/Screen off

Long press: Power off

Volume Control: The knob can be turned clockwise to turn up the volume and counterclockwise to turn down the volume when the device is playing music.

*The audio setting allows you to adjust the volume step (0.5db–3db).

Remote Control

⏻ Power on/off

⊟ Source

ⓘ Info

◁◁ Previous track

▷‖ Pause

▷| Next track

⬭ Play mode

👁 Screen on/off

🔇 Mute

◇ FN

＋ Vol +

－ Vol -

Bluetooth Pairing:

Point the remote control at the device within 30 cm, press ▷| and — keys at the same time till indicator light blinking to finish pairing.

* Only applicable for the Eversolo DMP series.
* ⏻ key works via IR mode.
* Make sure the antenna on device is correctly installed before using.

Power on / off
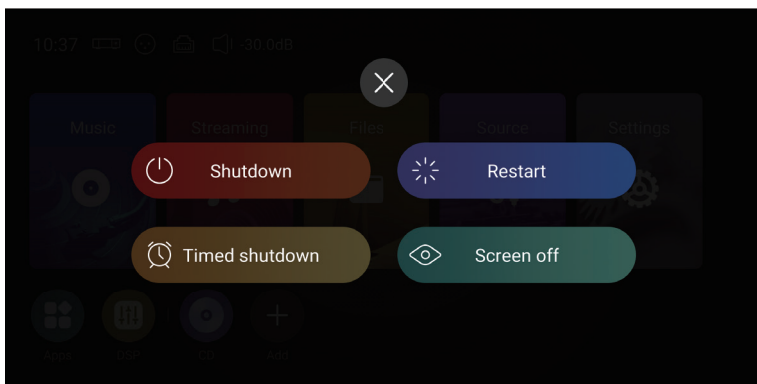
Power on: Press the power button once to turn on the device when it's powered off.

Power off/Reboot: Short press the power button to see a pop-up menu where you can select power off or reboot; long pressing for 3 seconds to power off.

Timed shutdown: Several timers are available for choosing, or you can customize one.

Screen-off: The device continues to work when screen is off, tap the screen again to light it up.

Basic Operation

Home Screen

Status bar   Music player entrance

05:10   -34.0dB

| Music | Streaming | Files | Source | Settings | ▶ Play/pause |

Apps   DSP   Play Queue   Music Se...   CD   EQ   Room Cal...   Add

▶   Play/pause

▶❙   Next track

❙◀   Previous track

⌂   Home

↩   Back

Function entrance
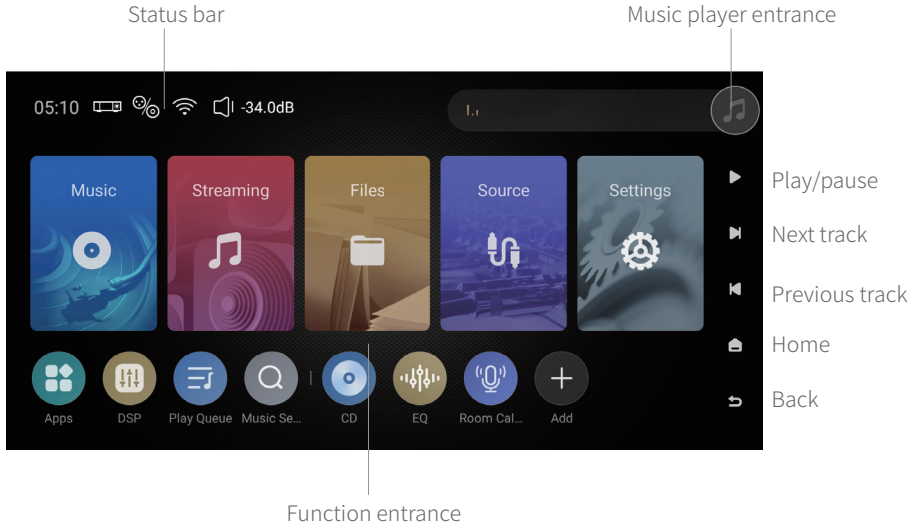
Status bar: Displays input/output connections, network status, storage devices, volume and currently playing song. Click input/output/network/storage device icons to access quick settings, click the song info bar to enter into Music Player.

Music Player

DMP-A10 Music Player supports lossless music playback from internal SSDs, external hard drives, NAS and music streaming services. Click the turntable on the right top corner to enter into Music Player interface and see currently playing track info., progress bar and control icons.
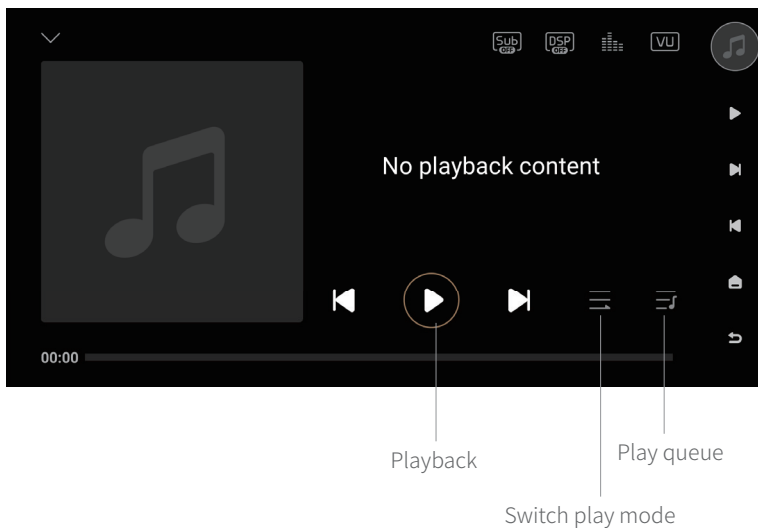

Playback   Play queue

Switch play mode

Descriptions

Playback: Previous/next track, pause/playback control.

Play mode: Switch play modes between list loop, single loop, shuffle play and order play.

Play queue: A list of all tracks currently selected to be played, such as all tracks by a certain artist or in a certain album.

Sub icon: Subwoofer port settings

DSP icon: Configure DSP and Room Correction

Spectrum icon: Switch to Spectrum page; Swipe left or right to change Spectrum styles

VU meter icon: Switch to VU Meter page; Swipe left or right to change VU meter styles

Network Connection

Make sure to connect the network for DMP-A10 before using, both Ethernet and Wi-Fi are supported.
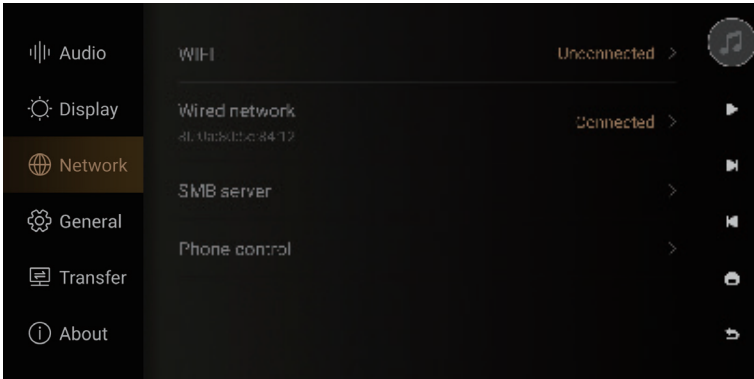
Music Library

The music library allows users to manage and categorize local music. You need to click "Add Library" to add music from installed SSD, external storage devices, SMB or NFS server. Or click on the hover window of hidden menu on the left and select "Library".
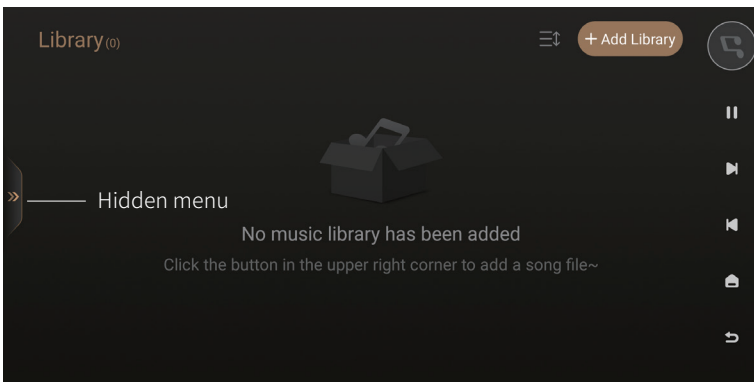
DMP-A10 will categorize the added music files by track, artist, album etc.
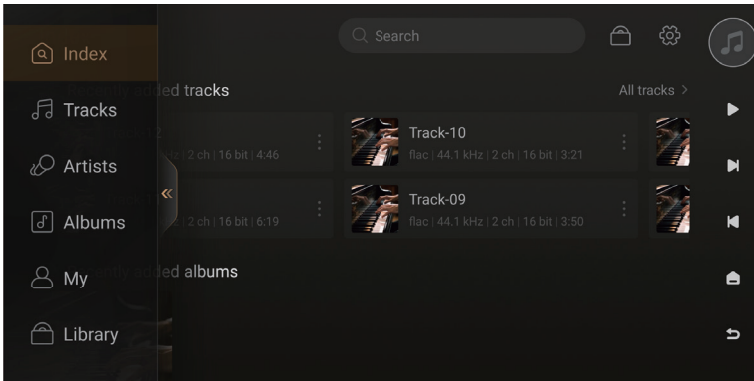
"My" section will show recently playing records and quick access to favorite tracks, artists, albums and playlists.
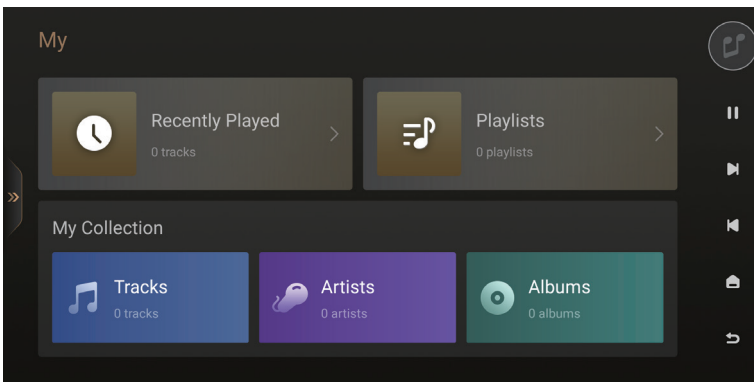
Streaming

The DMP-A10 includes music services, music apps, music cloud drivers and music connect. It requires logging in your own account to play music.
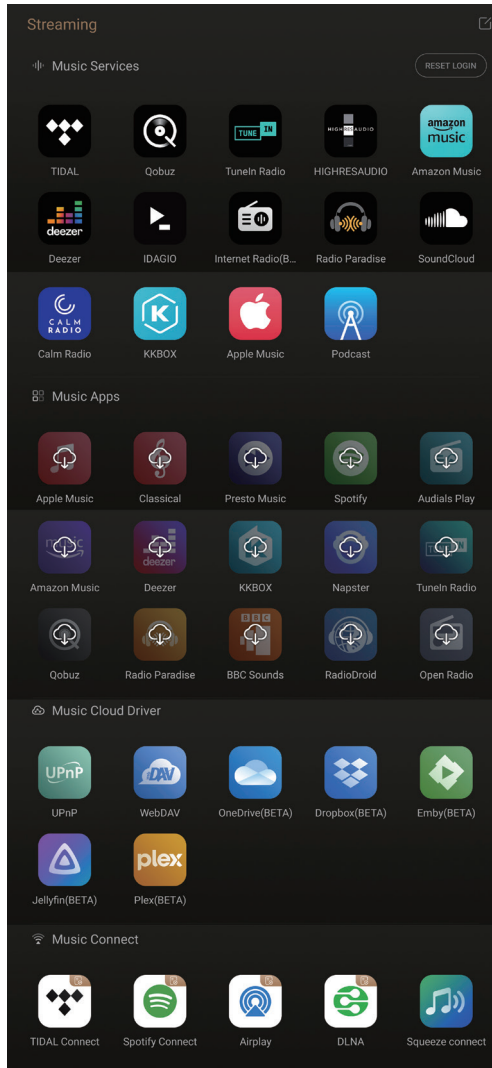
Note:

More music services will be added through future firmware updates, depending on the progress of certification by various music platforms. Please refer to the actual firmware for details.

File Manager

File Manager is used to managing files in local storage, SSD, removable storage devices, NFS, and SMB server in the same network. Click " " to copy, paste, and delete etc.
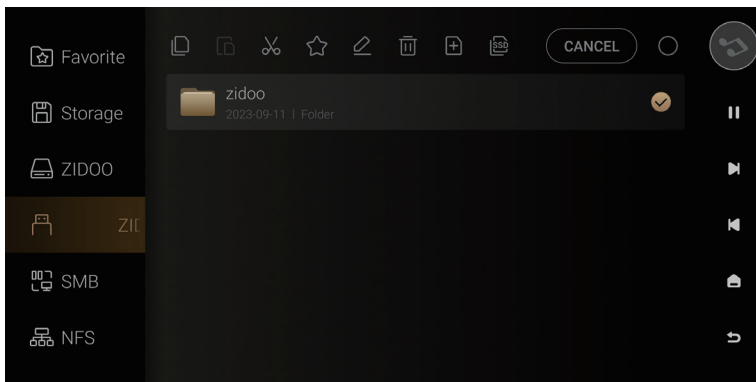
The device enables to copy files from external storage device to internal SSD by one-click. Go to File Manager and select the music file in the external storage device and click " " to copy the music file to SSD.

Inputs/Outputs

The DMP-A10 supports the DDC(Digital to Digital Converter) function. Please select the corresponding input and output source according to your actual connections.
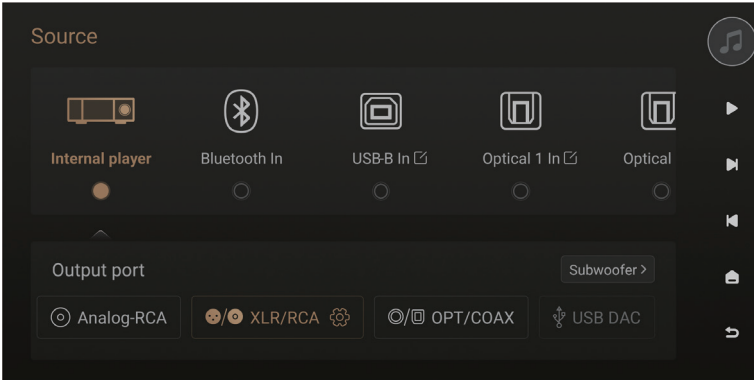
Apps

Users can view, install and uninstall third-party apps in this section. To install third-party apps, firstly download the APK file and copy it to a removable hard drive, insert the hard drive into the DMP-A10 and find APK file in File Manager, then install it by one click.

Note:

* It is recommended to install third-party apps which are designed for tablet devices.

DSP

DMP-A10 provides a DSP(digital signal processor) for internal audio playback and digital audio inputs, allowing users to customize parametric equalizer, high and low pass filters, loudness, dynamic range control compressor, and left-right channel delay.

The DMP-A10 has introduced a new room correction feature, which adjusts the EQ based on the acoustic characteristics of the room to improve the audio performance of the equipment.
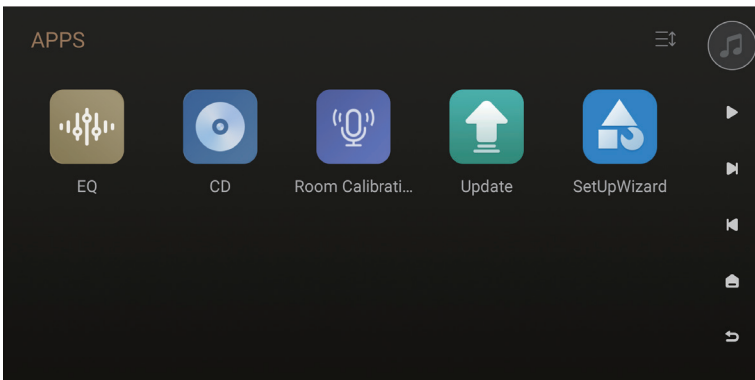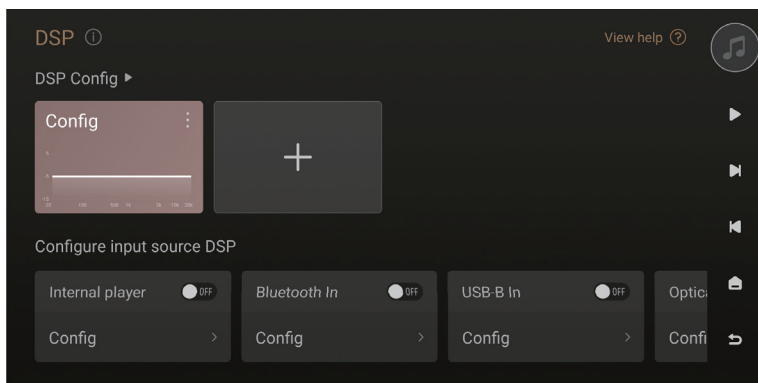

* The DSP is effective not only for the internal player and digital audio inputs (Coaxial/Optical/USB-B/ARC), but also supports analog signal inputs processed via high-spec ADC sampling (up to 192KHz), with output through either digital or analog audio interfaces.

* The DSP only processes PCM signals up to 192KHz, while PCM signals higher than 192KHz and DSD signals are passed directly to the DAC.

For more detailed DSP settings, please refer to the DSP Introduction by scanning the QR code below.

| DSP | DSP FIR | 房间校正 |

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CD Playback and Ripping

By connecting with a USB CD-ROM, the device can both play music from CD and rip music files from CD. CD ripping instructions: Apps > CD > Click " " to start CD ripping.

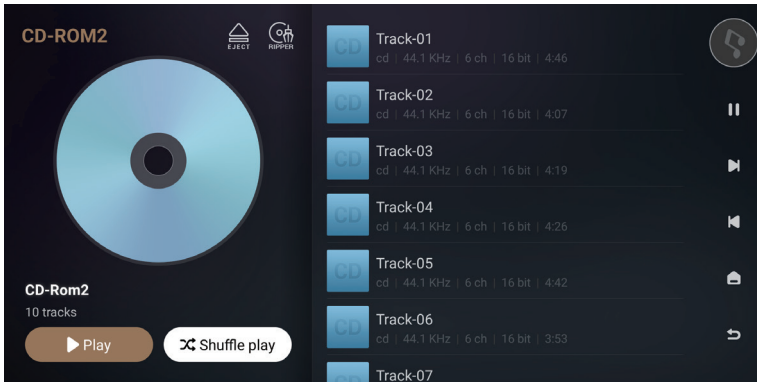Click " "to change the path for saving music files to local storage, internal SSD, removable storage or NFS, SMB devices in LAN.
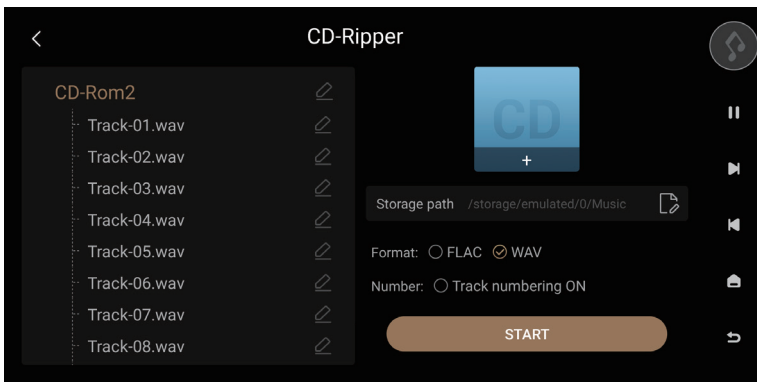
Note: The DMP-A10 supports saving files as WAV and FLAC format after ripping.

System Settings

The system settings include audio settings, display settings, network settings, general settings, song transfer settings and system upgrade options. Through audio settings, users can change the filtering characteristics of the RCA/XLR output, adjust the volume, and set the output settings for Sub/optical/coaxial/DAC/ARC port.

Audio	XLR/RCA output >
Display	Analog input >
Network	Subwoofer >
General	SPDIF output >
Transfer	USB DAC output >
About	ARC mode ARC >
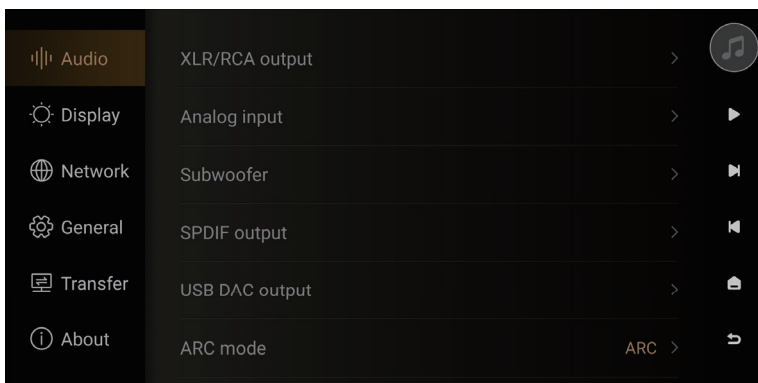
DAC Filter Characteristics

Choose different filter characteristics according to personal preference by Settings > "Audio > XLR/RCA Output > DAC filter characteristics".

Audio	‹ DAC filter characteristics
Display	Minimum phase ✓
Network	Liner phase apodizing
General	Liner phase fast roll-off
Transfer	Liner phase slow roll-off
About	Minimum phase fast roll-off
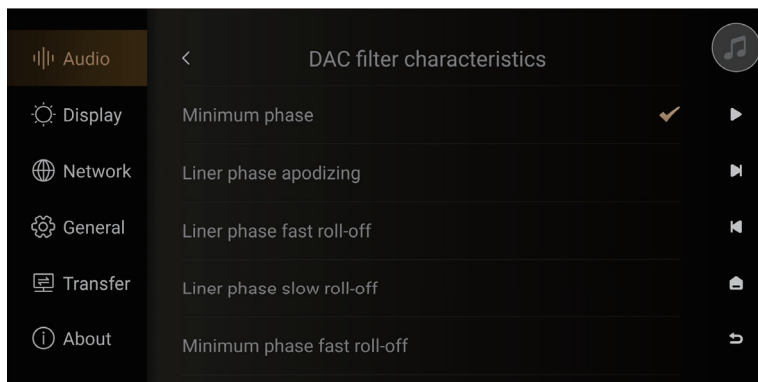
Volume Settings
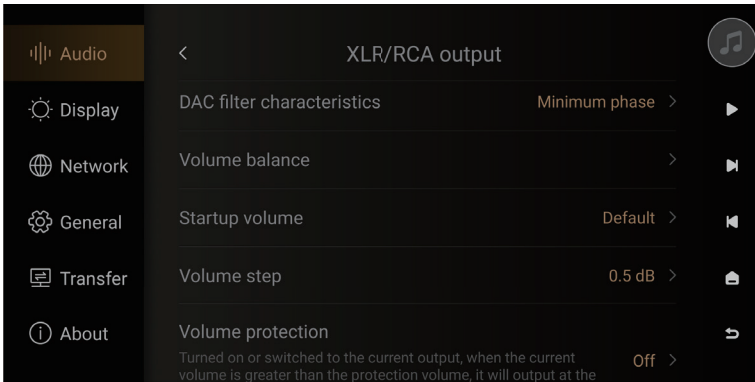
Volume balance: Left and right balance adjustment at a 0.1dB level allows for precise matching of the left and right audio channels.

Startup volume: The default volume set each time the device is powered on.

Volume step: The magnitude of volume adjustment each time.

Volume protection: When switching input sources, the volume of the output source will be protected.

Volume limit: Specifies the maximum allowable volume setting.

Display Settings

In "Display" menu, there are some sub-menus for screen brightness adjustment and screensaver settings.
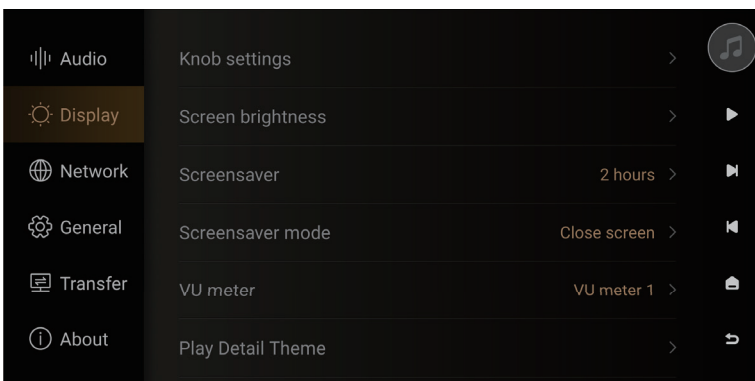
Knob Settings: Adjust the screen brightness and theme mode of the knob.

Screen Brightness: Adjust brightness level of the screen display.

Screensaver: Screensaver will be displayed without operation for a certain time. After operation is detected again, the system will exit screensaver state. Press "Power" button can also exit screensaver.

Screensaver Mode: Four screensaver modes are available for choosing.

VU Meter: Select different VU meters according to personal preference.

Playback Details Theme: Allows you to set the display style of the music player.

Network Settings

Access "Settings > Network > Phone Control", and scan QR code to download "Eversolo Control" APP. Or download and install the APP on the official website.

Mobile Phone Controlling APP

Please make sure the mobile phone is on the same network with the device, then open the APP, select "DMP-A10" and go to the next step. You will see the home screen after connecting successfully.
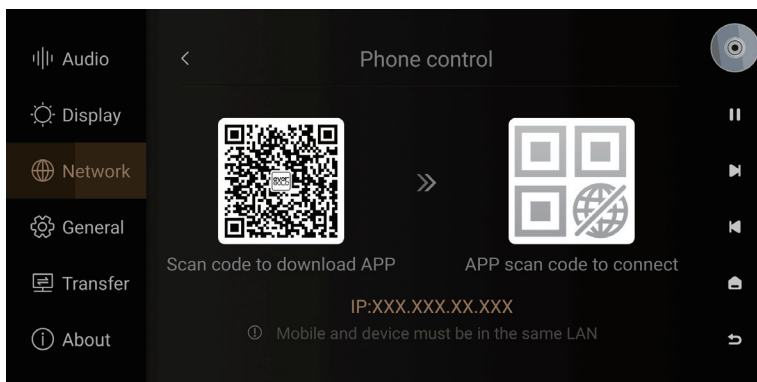
The DMP-A10 supports the Wake-on-LAN feature, allowing you to remotely power the DMP-A10 on or off by tapping the " ⏻ " in the mobile app. To use this feature, the DMP-A10 must be connected to a wired network and be on the same local network as the phone.
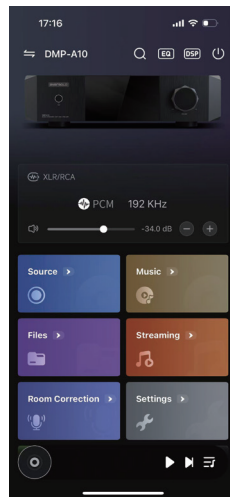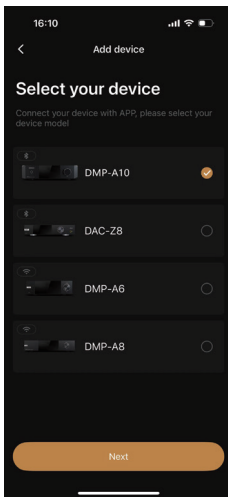
Notes:

* After sending the wake-up command, please wait patiently for the device to start. There is no need to send the command multiple times. Due to the diversity of network devices, there might be compatibility issues with WOL functionality. If using this feature doesn't successfully wake up the device, please use the remote control provided or the device's power button to turn it on.

*Android (for mobile phones) and IOS(both iPhone and iPad) apps both can be downloaded on Quick Start Guide.

*IOS apps can be also downloaded by searching "Eversolo Control" in the "Apple Store".

Language

Access "Setting > General > language" to choose system language.
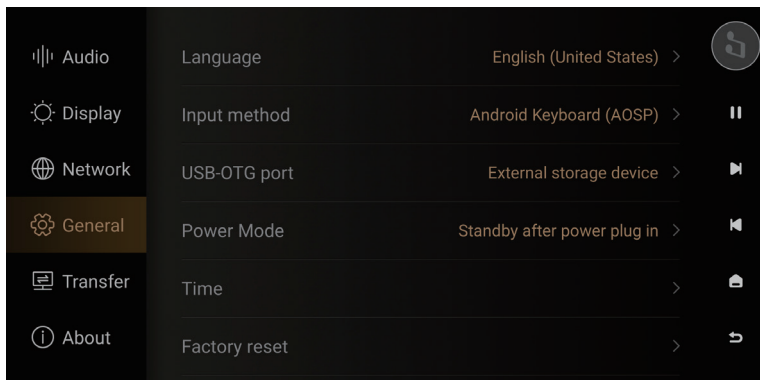
USB-OTG Port

The USB-OTG port can be used to connect with computer by a USB data cable, so that it is convenient to copy and manage local files. Select "PC File Transfer" in "Settings" > "General" > "USB OTG Port".
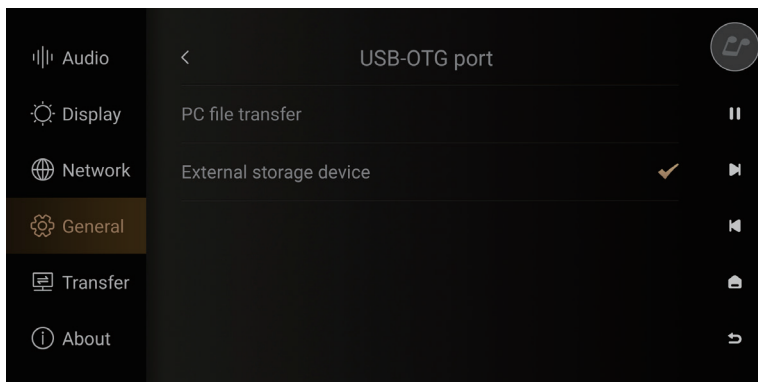
Song Transfer

Access "Settings > Transfer" to transfer songs from computer to this device according to the instruction. Make sure computer and the device are on the same network, choose a path to save songs in Music Directory.
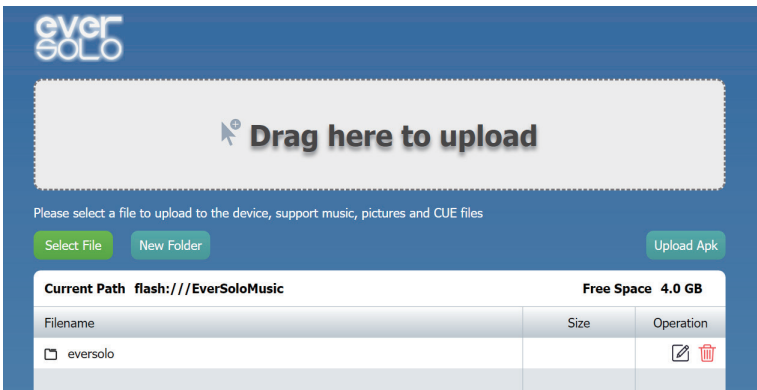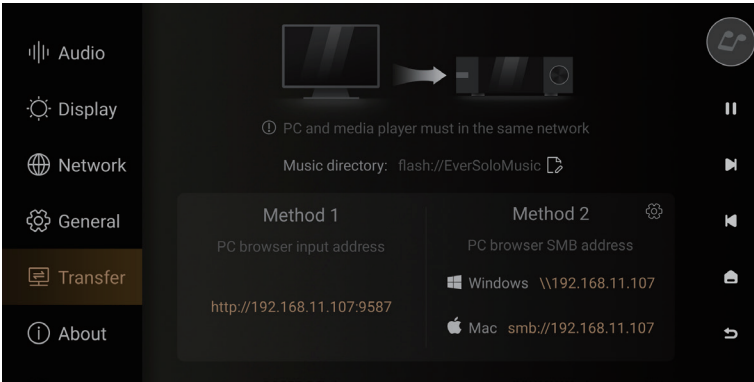
System Upgrade

Access "Settings > About > Version", choose online update or use USB update.
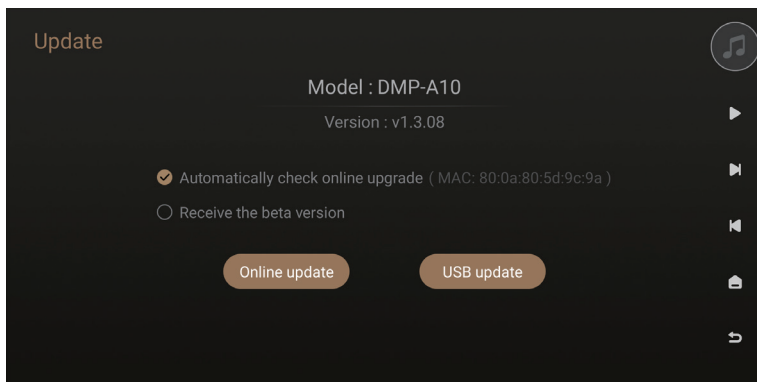
Online Update

After connecting with network, access "Settings > About > Version", click "Online Update" to get the latest firmware, finishing firmware update by following popup tips and wait the device to reboot automatically.

USB Update

Download Eversolo DMP-A10 firmware to a USB stick, insert USB stick into the USB-A type port on the device, access "Settings > About > Version", click "USB Update" to update firmware and wait for the device to reboot automatically.

Notes:

* Don't remove the USB stick or power off the device during the upgrade process.

* It is recommended to use a FAT32 format USB stick.

* There is no need to unzip the downloaded file package.

Connection and Settings for Output Signals

The DMP-A10 includes USB audio, coaxial, and optical digital audio outputs. As well as single-ended RCA, balanced XLR, and subwoofer analog outputs.

USB Output

Use a USB audio cable to connect the device's USB audio output to the external DAC's USB input. Then go to "Home screen > Source > Internal Player " choose "USB DAC" as output.

USB 3.0(OTG)

USB Type-A to Type-B
audio data cable

USB 3.0   USB Type-B audio decoder
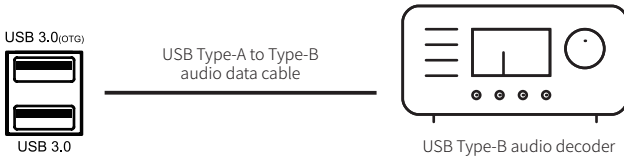
Note:

* USB audio output supports up to stereo DSD512 Native, PCM 768KHz 32Bit.

Coaxial/Optical Output

Use a Coaxial/Optical cable to connect the device's Coaxial/Optical output port to the DAC input or AV receiver input, then go to "Home screen > Source > Internal Player" and choose "Coaxial/Optical " as output port.

OPTICAL   COAXIAL   Coaxial/Optical audio cable

AV receiver/Decoder
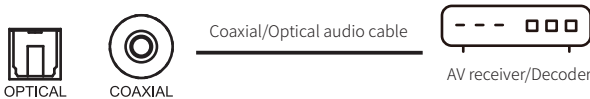
Note:

*Optical and coaxial outputs support up to stereo PCM 192KHz 24Bit, DSD64 Dop format.

XLR/RCA Output

Use a pair of RCA/XLR audio cables to connect the device's RCA/XLR output to the input of active speakers or H-iFi power amps, then go to "Home screen > Source > Internal Player", choose RCA or XLR as output port.

RCA audio cable

XLR balanced audio cable
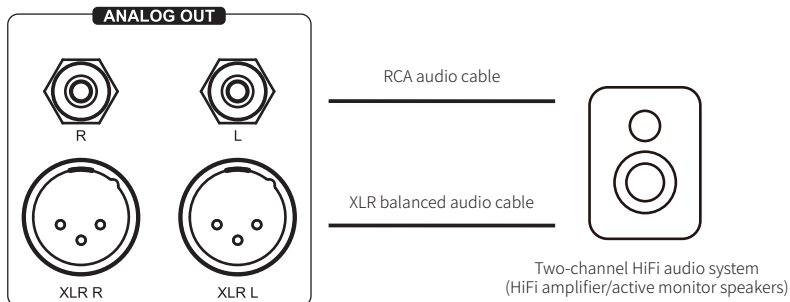
Two-channel HiFi audio system
(HiFi amplifier/active monitor speakers)

Notes：

*RCA and XLR port can output separately or simultaneously. It is recommended to choose XLR connection in priority for noise suppression and signal completeness.

In some audio systems, XLR port polarity may be reversed. The DMP-A10 system is set to positive polarity by default, as shown in the corresponding port polarity diagram below. If the connected audio equipment has reverse polarity, please go to the Settings -> "Audio" -> XLR/RCA Output -> XLR Port Polarity. Please note that this feature is only applicable to digital input signals; XLR analog inputs and RCA analog inputs do not have this functionality.
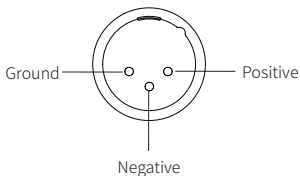
Port polarity indication when
set to positive
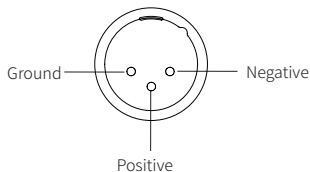
Port polarity indication when
set to negative

*XLR and RCA separate outputs are available to be selected in the "Source" menu to minimize the possibility of signal interference caused by simultaneous RCA and XLR outputs. The separate output mode provides better audio indicators and sound quality.

Subwoofer Output

The DMP-A10 provides two subwoofer output ports, allowing you to choose between mixer mode and stereo mode, which can be used together with RCA/XLR analog outputs. Additionally, it offers settings for subwoofer volume output level, crossover frequency, and subwoofer delay.
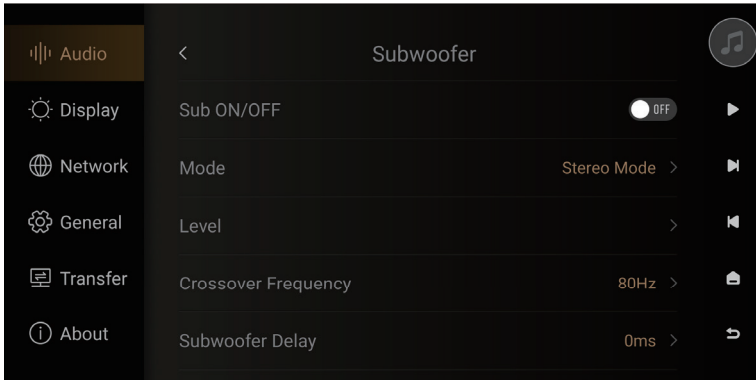
Connection and Settings for Input Signals

The DMP-A10 not only supports various digital audio inputs but also analog audio inputs. Digital audio inputs include Bluetooth, USB-B, coaxial, optical, HDMI ARC digital inputs, and the corresponding audio output ports for digital audio inputs are RCA/XLR port or OPT/COAX output port. Analog audio inputs include RCA and XLR inputs, with the corresponding audio output port being RCA/XLR/OPT/COAX.

USB Type B Input

Use a USB-A to Type-B cable to connect this device with PC, playback devices and mobile phones with a USB audio output. Go to "Settings > Source", choose "USB-B" as input port.

USB audio data cable
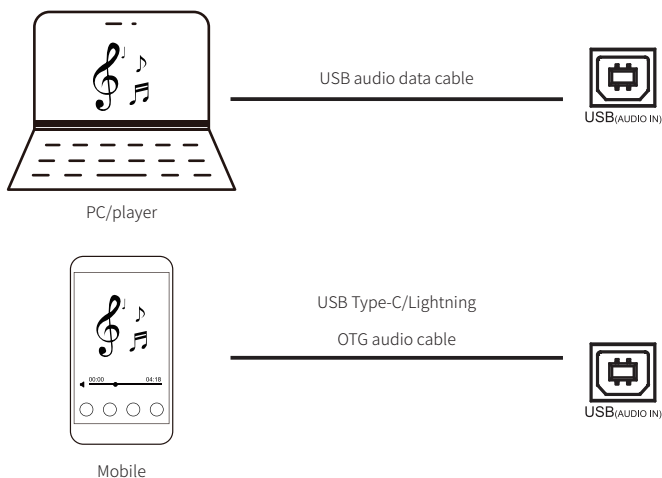
USB(AUDIO IN)

PC/player

USB Type-C/Lightning
OTG audio cable

USB(AUDIO IN)

Mobile

Notes:

*It is needed to install corresponding drives for Windows, please refer to Downloads section in this manual below.

*Enable "EVER SOLO DMP-A10" as your computers' sound output device as follows:

Windows: After downloading and installing the driver, follow the setting on computer "Control Panel > Hardware and Sound > Sound > Playback" and select "Eversolo DAC".

Mac: No need to install a driver, please select "System Preferences > Sound > Output > EVER SOLO USB Audio".

*USB input supports up to Stereo DSD512, PCM 768KHz 32Bit, actual specifications are subject to the hardware and software of external playback device.

Optical/Coaxial Input

Use an Optical or Coaxial audio cable to connect front-end equipment (like media player and CD player) S/PDIF output with the device's Optical or Coaxial input. Select "Settings > Source >Optical/Coaxial In".

Coaxial audio cable/optical cable

COAXIAL 1   COAXIAL 2

OPTICAL 1   OPTICAL 2

External player
(CD player/media player)

Notes:

*Please use 75 Ohm Coaxial audio cable for Coaxial connection.

*Please use standard optical audio cable for Optical connection.

*Optical/coaxial input supports up to PCM 192KHz 24Bit and DOP64.

Bluetooth Input

This device has built in Qualcomm flagship QCC5125 Bluetooth audio receiver module, which supports audio protocols SBC/AAC. It can be used as a high quality Bluetooth decoder to pair with different mobile devices.
Go to "Settings > Source > Bluetooth In", enable Bluetooth on mobile devices and search "DMP-A10" for Bluetooth pairing.

Notes:

*Bluetooth reception format depends on transmitting device. Normally Android phones can switch Bluetooth output formats in system developer options.

ARC Input

Use an HDMI cable to connect DMP-A10 to a TV, projector, or other display device with HDMI eARC/ARC functionality to enable HDMI audio return channel (ARC). Please go "Source" to select the "ARC Input".

HDMI cable

ARC

External display device
(Support HDMI eARC/ARC)
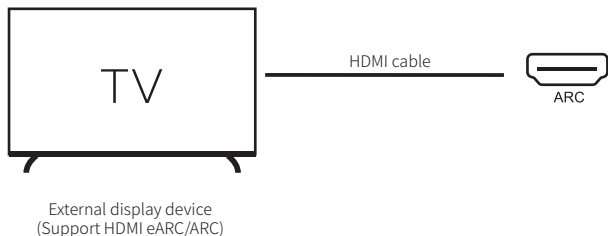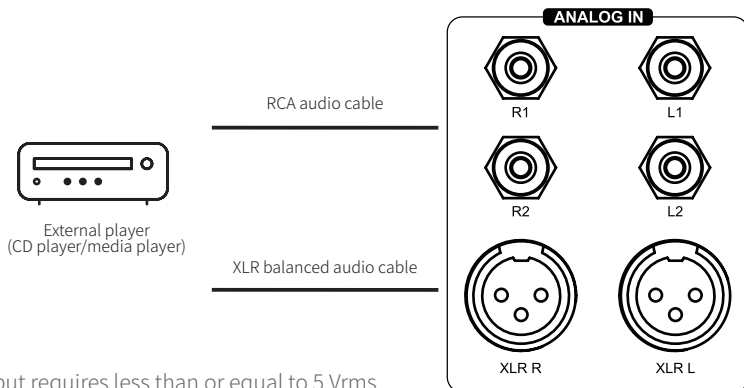
Note:

*Please connect to the HDMI input port on the TV labeled as ARC or eARC.

*HDMI ARC input supports up to PCM 192KHz 24Bit.

*Please use a physical HDMI cable for the connection, not an optical HDMI cable.

Analog Input

The DMP-A10 is equipped with a high-performance fully balanced preamplifier function, supporting XLR/RCA analog inputs. It also features a +10dB analog gain. Supports RCA input to RCA/XLR separate output or simultaneous output; XLR input to RCA/XLR separate or simultaneous output.

ANALOG IN

RCA audio cable

R1   L1

R2   L2

External player
(CD player/media player)

XLR balanced audio cable

XLR R   XLR L

*XLR input requires less than or equal to 5 Vrms

*RCA input requires less than or equal to 2.5 Vrms

Downloads

For product firmware upgrade, USB driver and mobile control APP download, please visit the Downloads page on official website for reference.
 Please unzip the package after downloading the driver, double click the .exe file and install it by following popup hints.

Control APP   Wechat Subscription

*It is recommended to scan the QR code with a mobile phone browser.

Special Note：
In order to improve the user experience, Eversolo will update firmware from time to time. Therefore, this product manual may differ from the actual setting menus of the product. For more tutorials, please visit www.eversolo.com

Safety Warning：
1. No water splashing or dripping, do not put objects with liquid like vase on the device.
2. The power plug and the power switch are used to disconnect power supply, which cannot be blocked by other objects.
3. It is Class I device, there must be grounding measures inside the box when using.