

PLAY Instruction Manual

Product Introduction

Thank you for purchasing the Eversolo PLAY music streaming integrated amplifier.

The PLAY is a high-performance, fully-featured high-resolution music streaming power amplifier. As a digital player, PLAY can not only play and manage a wide range of high-resolution local Music, but also embed a wealth of third-party high-resolution streaming music services such as Tidal, Qobuz, Highresaudio, Amazon Music, WebDAV, UPnP, etc

As an integrated amplifier, PLAY supports fiber, coaxial, ARC, analog Line In, PHONE inputs, and users can start their music journey simply by connecting speakers.

It also supports USB audio output, up to DSD512 and PCM 768Khz@32Bit audio data. PLAY decodes with AKM's high performance DAC AK4493, which uses AKM's exclusive **VELVET SOUND** technology designed to provide very low distortion and noise (THD+N).

PLAY comes with a power amplifier that supports 65W/8Ω, 130W/4Ω output

It is recommended that you read this manual before using the machine so that you can use all the features of the product correctly.

Product parameters

Product parameters

Body material: Aluminium alloy

Display screen 5.5-inch LCD touch screen

Audio DAC AK4493SEQ

Memory configuration: 4G DDR4 +32G eMMC

USB interface USB3.0 *2

Wired network RJ-45 (10/100/1000 MBPS)

Wireless network 2.4G +5G dual-band

Playback decoding supports up to stereo DSD512 and PCM 768KHz 32Bit
Music file format DSD(DSF,DFF,SACD ISO Support DST up to DSD512)
MP3,APE,WAV,FLAC,AIF,AIFF,AAC,NRG,CUE
Online Music services Tidal , Qobuz, Highresaudio, Amazon Music, etc
Web streaming and push Roon Ready, Tidal Connect, WebDav, UPnP, DLNA, etc
Bluetooth Audio input Bluetooth BT5.0 supports SBC/AAC/
HDMI ARC input supports up to personas PCM 192KHz 24Bit
Fiber/coaxial input supports up to stereo PCM 192KHz 24Bit, Dop64
Analog Line In input up to 2VRMS
Turntable input supports MM/MC switching
USB audio output supports up to stereo DSD512 Native, PCM 768KHz 32Bit
(UAC standard DAC audio devices only)
The subwoofer output can be adjusted to a crossover frequency of 30-500 Hz
Power amplifier output 65W /8Ω; 130 w / 4 Ω
Control methods : Screen touch control, Android/iPhone/iPad APP control

Technical Specifications

Continuous output power: 65W RMS@8Ω 130W RMS@4Ω
Amplifier type: Class D amplification
Amplification gain: 20.8dB
Input sensitivity: 2V
THD(20Hz-20KHz) : <0.0037% 5W at 1KHz
Signal-to-noise ratio: >101dB, A-weighted 4Ω 130W
Frequency response: 20Hz-20KHz < ±0.25dB 20Hz-40KHz < -3dB
Damping factor: >107
Channel crosstalk: <-108dB
PHONO: Amplification gain: MM 60dB MC 74dB
Input sensitivity: MM 5mV MC 0.5mV
RIAA: ±0.5dB 20Hz-20KHz

Power input: 100-240V~50/60Hz Max 4A

Working conditions:

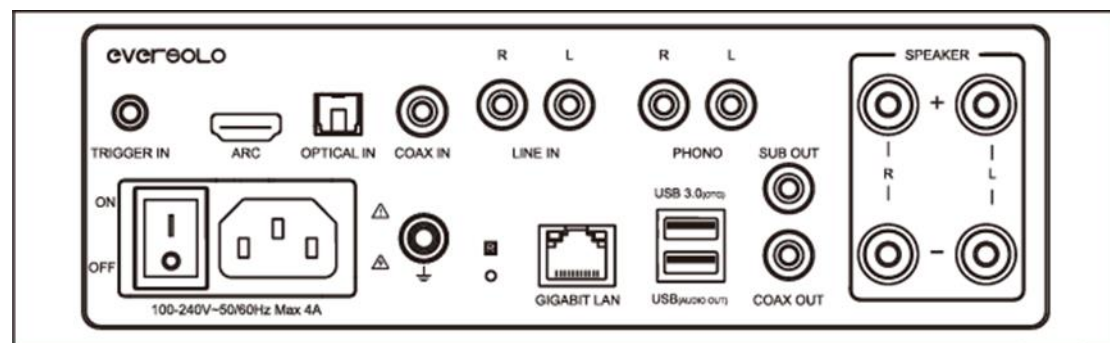
Operating temperature: 0 - +40°C

2 Altitude <=2000m

Hardware Introduction

Interface Instructions

Back panel



1 Electrical sockets/switches

2 The trigger input is used to connect the preamplifier to enable the interlocking wake-up of the power amplifier. The power-on output is 12V and the power-off output is 0V

3 ARC ARC is used to connect display devices such as televisions and projectors that have HDMI eARC/ARC functionality

4 Fiber input: used to connect CD players, set-top boxes, and digital playback turntables

5 Coaxial input: Used to connect CD players, set-top boxes, and digital turntables

6 Ground pin: Used to connect to the ground wire of the signal source of the digital turntable

7 LINE IN: The analog input RCA is used to connect the pure preamp, analog signal source input

8 PHONO MM/MC: Used to connect MM/MC record players

9 R reset port: For reset or OTG upgrade

10 Gigabit Ethernet network interface

11 USB 3.0 OTG: Connect external mobile storage/optical drive /PC transfer (in Settings - General -USB OTG Definition)

12 USB(Audio out):USB audio output, used to connect audio devices (DAC)

13 COAX OUT Coaxial output: used to connect the decoder and decode the preamp

14 SUB OUT bass output port: used to connect the subwoofer

15 SPEAKER output port: For connecting left and right channel speakers

* Maximum power supply from USB: 1.2A. If using an external optical drive, use an external power supply or a dual-head USB cable (USB OTG and USB AUDIO OUT can be powered simultaneously).

* When using coaxial, optical, Bluetooth, USB inputs, please use analog SPEAKER output

Front panel



1 Display screen: LCD display screen

2 Volume knob/power switch: Used to adjust the volume and power soft on/off

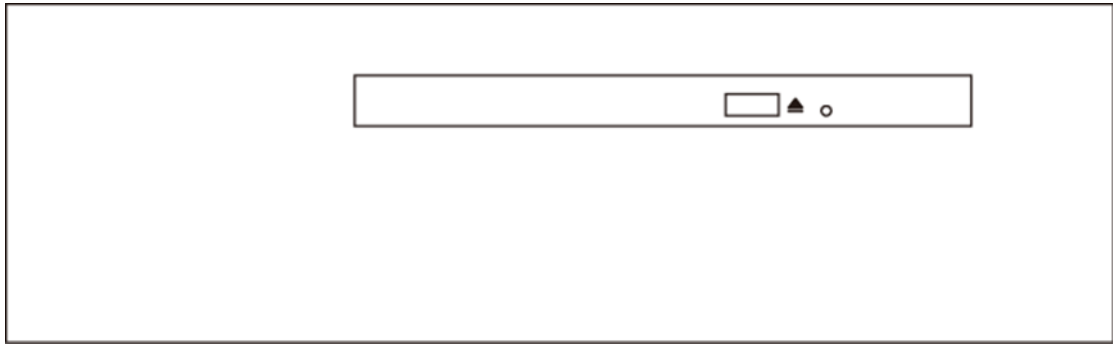
3 . Infrared remote control receiving window: Used to receive infrared remote control signals

4 . Bluetooth antenna: Built-in Bluetooth antenna for receiving Bluetooth signals

5 . WIFI antenna: Built-in wireless WIFI antenna for wireless network connection

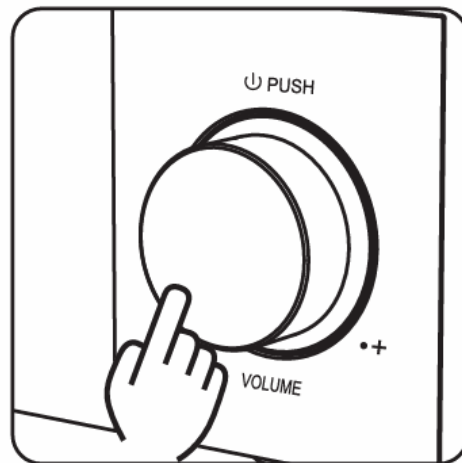
* Turn the volume knob to low volume before use (default volume +-DB)

Left panel (CD version only)



CD drive compartment door: Press the in/Out compartment button to pop out or close the compartment door

Knob control



 旋转：调节音量大小

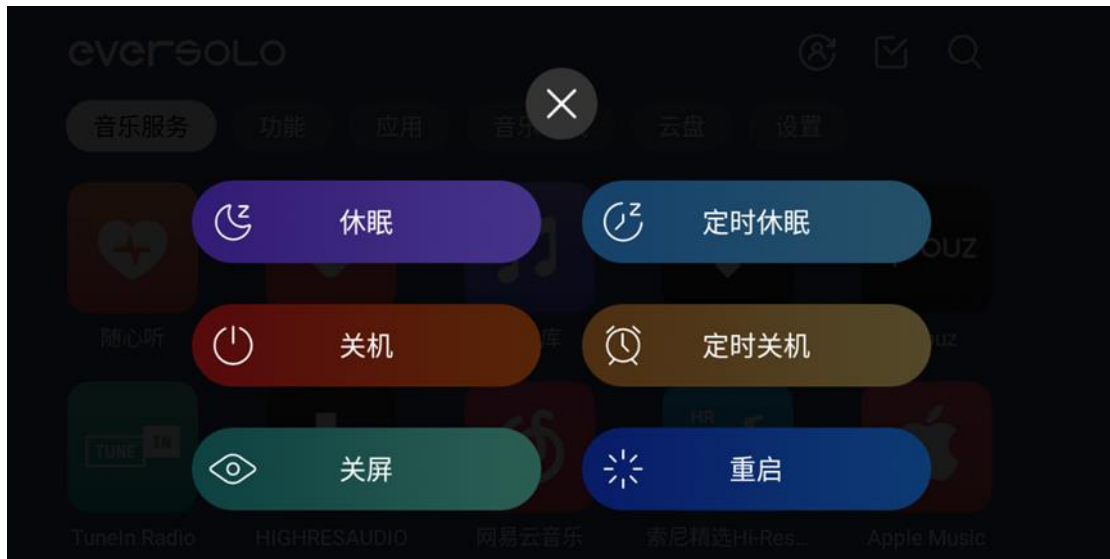
 短按：开机；
选择关机 / 重启 /
定时关机 / 关屏

 长按：关机

Volume adjustment: When the screen is playing, rotate the knob to control the volume of the device. Turning it clockwise increases the output volume, while turning it counterclockwise decreases it.

* The volume adjustment range can be customized in audio Settings (0.5db to 3db).

On/off function operation



Power on: The device is turned off. Press the knob once to activate the device. Power off/Restart: Briefly press the knob of this device, and a menu pops up on the screen, select power off/or restart the device; Or hold down for 3 seconds to perform the shutdown. Timed shutdown: You can set multiple sets of timed durations, or customize the duration. Turn off the screen: After manually turning off the display screen, the machine continues to work. Click the screen again and the display screen lights up. Sleep: Click the sleep system to go into sleep mode immediately. Scheduled sleep: 7 different sleep times can be set and custom timing options can be selected.

Basic Operations

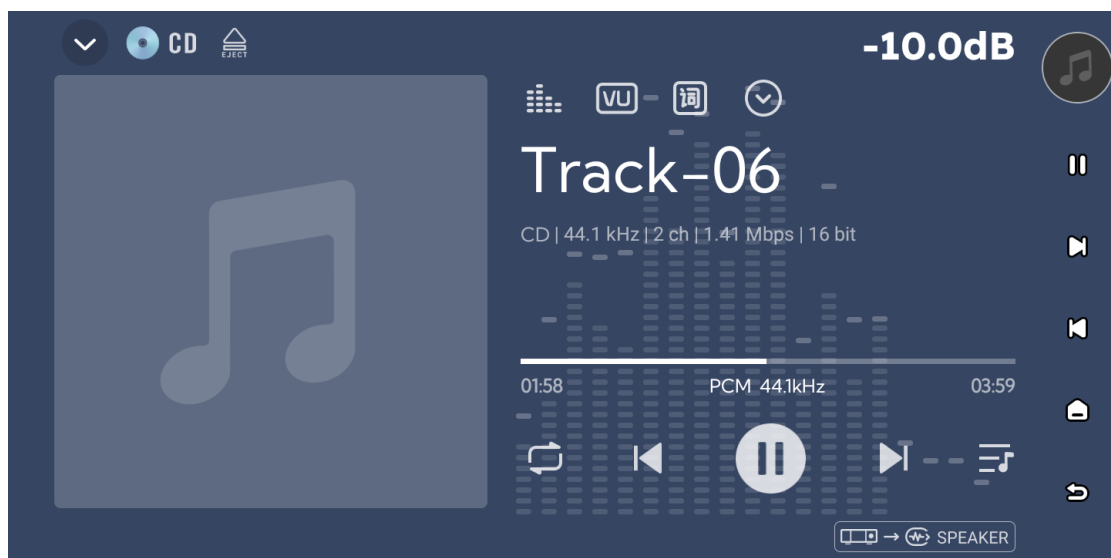
Introduction to the main interface



Main Function bar: Displays music services, features, apps, music streaming, cloud drive, Settings, and the name of the song currently playing. Click the Input/Output/Network/Storage icon to enter Quick Settings, and click the song bar to enter the music player

Music Player

PLAY and PLAY CD come with a built-in high-definition digital music player that supports playing high-definition lossless music from digital turntables, portable hard drives, local area network NAS, and streaming media. On the main interface, click on the "Player Quick Access" in the upper right corner to enter the music player, which shows the information, progress, and control buttons of the currently playing track



Button Function Description

Favorites: Add the currently playing song to my favorites

Play controls: Previous/Next, pause/Play controls

Play mode switching: List loop, single loop, random play, sequential play mode switching

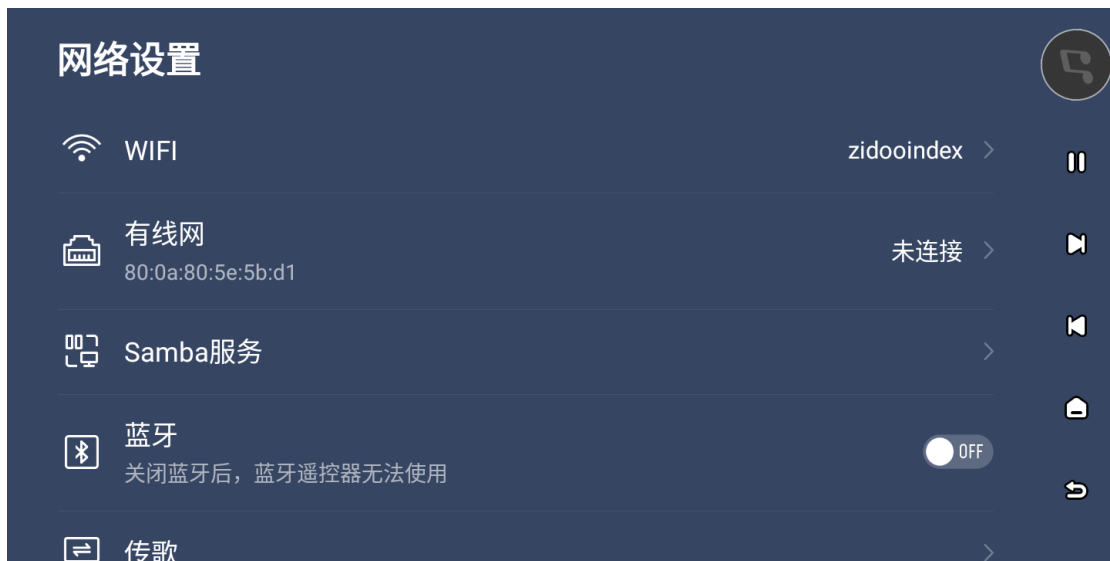
Play queue: View all the music play queues in the category where the current playing track is located. For example, when entering from Artist and selecting a single under an artist category, the play queue is the list of all the tracks under that artist. The same applies to other categories such as singles, albums, collections, My Playlist, etc

Digital turntable version: Enter/exit keys, list of all tracks

Internet connection

Before using the PLAY (CD version), please make sure to connect to the Internet. This device supports both wired network and WIFI. For WIFI Settings, go to the Settings menu > "Network Settings" > "WIFI".





Input & Output options

Depending on the actual device connection situation, you need to select the corresponding input/output. Settings Menu > "Input/Output" > Make the Settings

Note:

* All digital inputs on this machine can only output audio through the analog port



Music Service

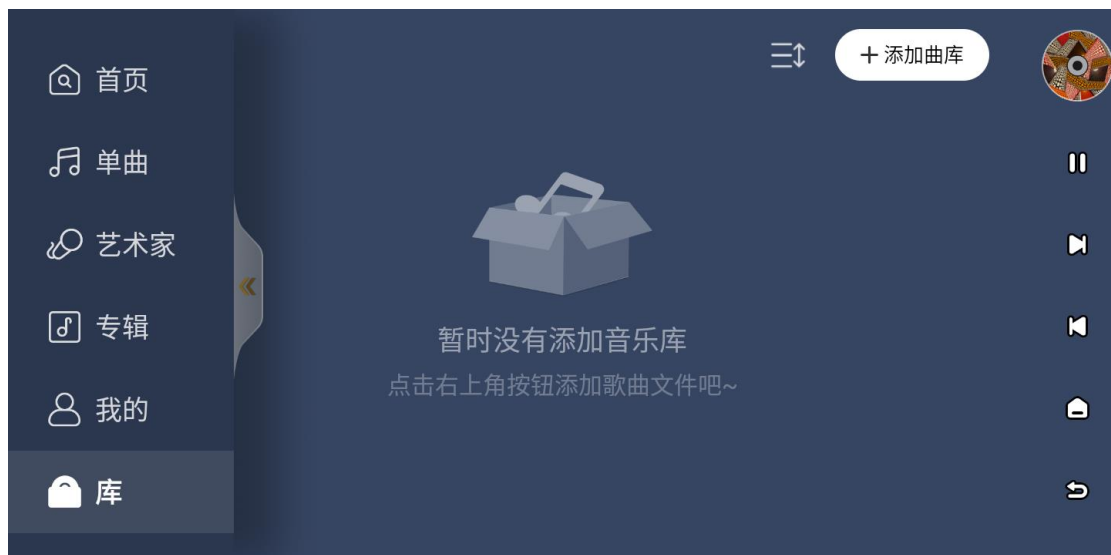
Music Service: It includes music library, listen to as you like, music collection, streaming media, music APP, among which streaming media and music APP require you to register your own account and log in on your local machine to play music from streaming media, music APP and network cloud

Use of the music library

The music library can manage and categorize the local music added to, click "Add Library" before use, and add including local memory, external storage devices, network SMB, and network NFS; Or click to expand the hidden menu on the left and select "Libraries" to add.



Once the addition is complete, PLAY(CD version) 's file system will categorize the added music files by single, artist, album.



Recently played records are recorded in "My"; Playlists added according to personal preferences; And quick access to your collection of singles, artists, and albums.



Use of music services

The music service includes streaming media and music apps, which require you to register your own account and log in on your local machine to play music from the streaming media, music apps and the network cloud





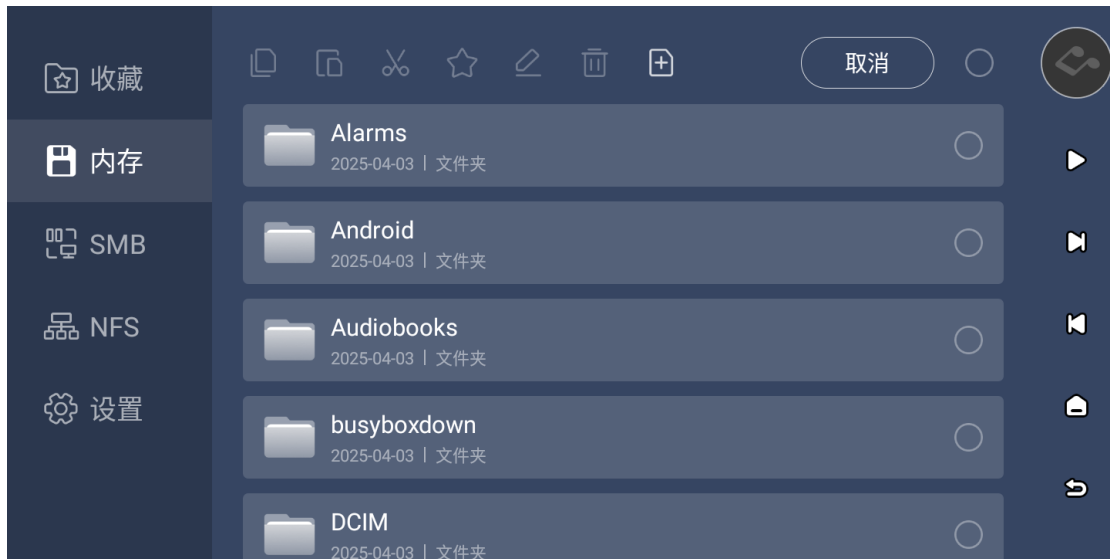
Note: * Built-in online music service applications, depending on the progress of each music platform's authentication, please refer to the actual firmware, and more online music services will be added through firmware updates later

Features

Feature options: Includes file management, CD, EQ, Room calibration, multi-room play, song transfer

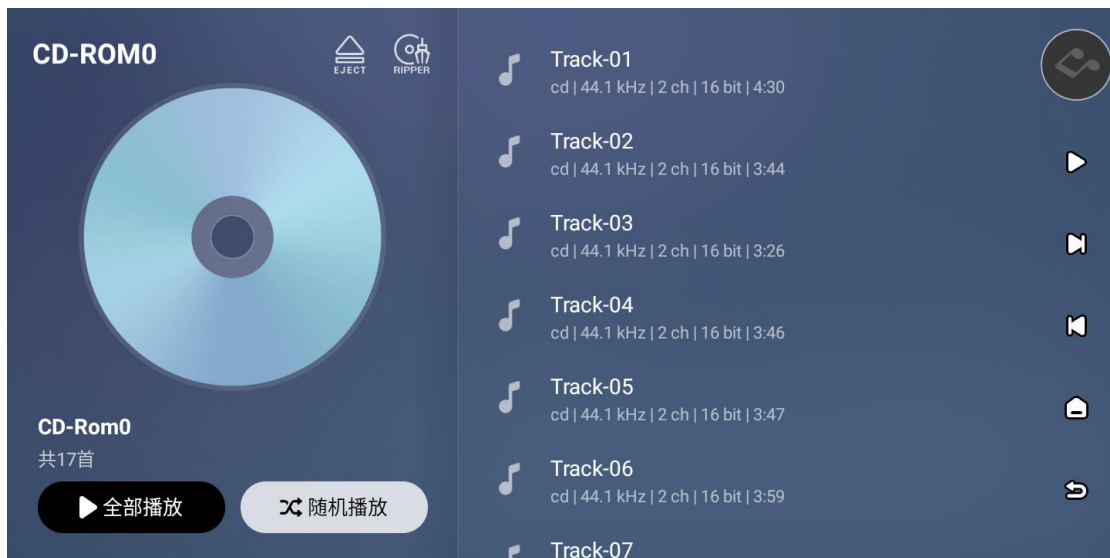
The use of the file manager

File Manager is used to manage files and Settings in local storage, mobile storage devices, and also supports LAN access to NFS, SMB services. It supports operations such as file copy, paste, and delete, files can be organized and sorted, or click to manage files. “”



CD playback and track grabbing

This device supports external USB portable CD-ROM drives, which not only play music CDs but also save CD audio data to the local device lossless by ripping. Steps: Go to All Apps > "CD" Go to the CD-ROM page and click to perform CD ripping. 



Click to change the path where the music file is saved, and it can be saved to local storage, mobile storage, and local area network NFS, SMB devices. 



Note: Local track capture files support two save formats: wav and FLAC.

EQ configuration

This machine provides a digital signal processor (EQ) for the built-in player and digital audio input interface, allowing you to adjust the parametric equalizer, high and low pass filters, loudness, dynamic range control compressor, and left and right channel delay according to your listening experience; PLAY has added a room calibration function that adjusts the EQ based on the acoustic characteristics of the room to improve the sound quality of the audio equipment.



Note:

*DSP works not only for built-in player, digital audio input (coaxial/fiber /USB-B/ARC), but also for analog signal input

After high-specification ADC acquisition (Up to 192KHz) and output via digital audio

interface or analog audio interface.

* The EQ only processes PCM signals up to 192K and below, and PCM signals above 192K and DSD signals pass directly to the DAC

Room calibration



Multi-room playback



Pass the song

Make sure your computer and device are in the same local area network. Go to Function Menu > "Transfer Songs" and follow the menu instructions to transfer songs

to your device via your computer. You can set the directory where the songs are saved in "Music Directory".



Application

Applications can view and uninstall third-party applications installed on this device, and support the installation of third-party music apps. Copy the downloaded APP

application installation package to your mobile storage device, go to File management to find the installation package, and click Install. Note: * Third-party applications on the tablet are recommended for this device.



Music streaming

It includes TIDAL Connect, spotify Connect, Airplay, DLNA, Squeeze connect. Make sure your computer and device are in the same local area network to play the streaming media and the music inside



Cloud drive



The cloud disk includes other third-party cloud disks such as UPnP, WebDAV, etc. You need to register your own account and log in on your local machine to play the music stored in the network cloud disk

Setup

System Settings

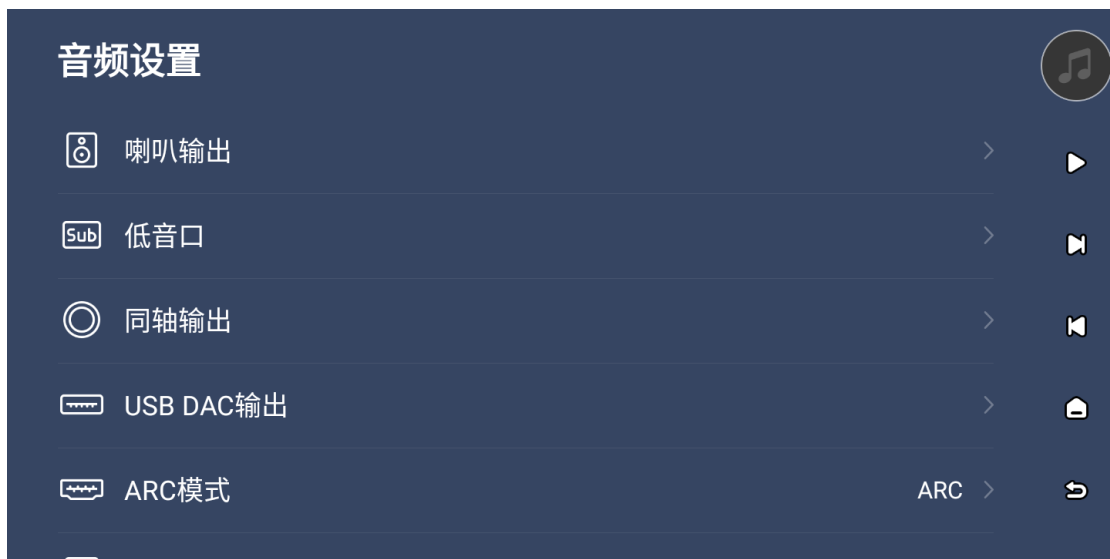
System Settings include: input/output Settings, audio Settings, playback Settings, display Settings, network Settings, phone controls, Boot wizard, other Settings, about, and system upgrades.

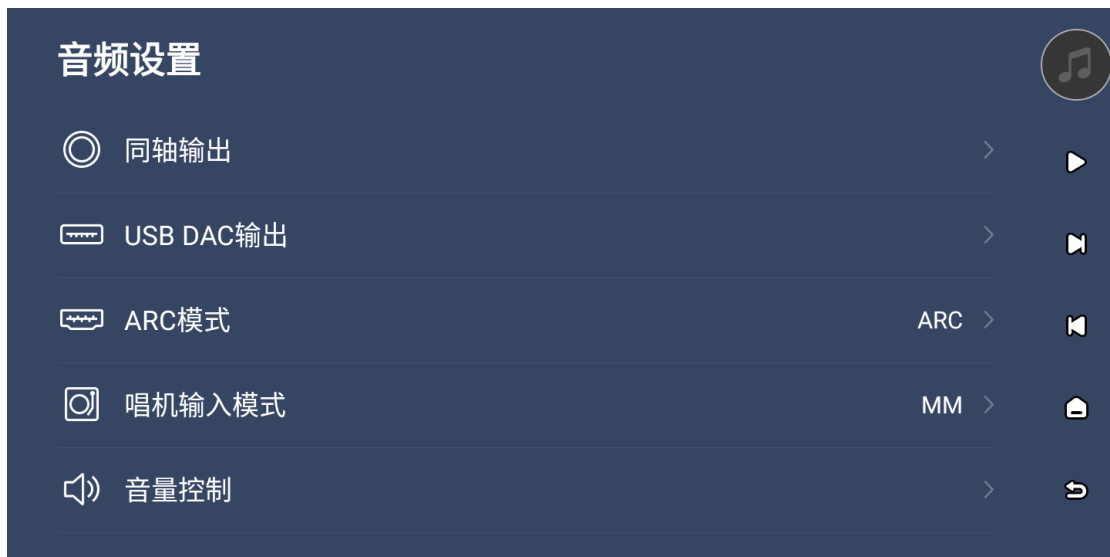
Note: If you need digital output (e.g. USB, SPDIF output), turn up the volume to the maximum. If you are using the internal analog output, you do not need to set the volume to maximum.



Audio Settings

Go to the Settings menu > "Audio Settings" to set the speaker, woofer, coaxial, USB DAC, volume output, and input modes such as ARC mode and record player





Play Settings

Go to Settings Menu > "Playback Settings" to set up playback mode, CD auto playback, seamless playback, playback gain mode, boot auto playback queue, boot auto playback interface, etc





Display Settings

Go to the Settings menu > "Display Settings" to set the screen brightness, screen saver, and screen saver mode as needed. Knob brightness and color, VU meter display mode, spectrum, main interface style, play details, auto-hide navigation bar and other related Settings

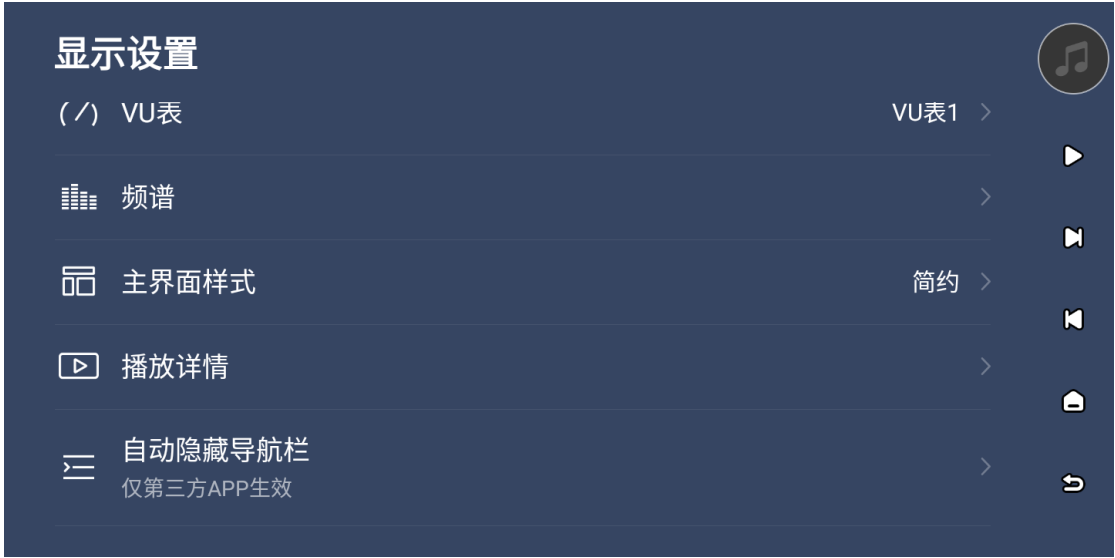
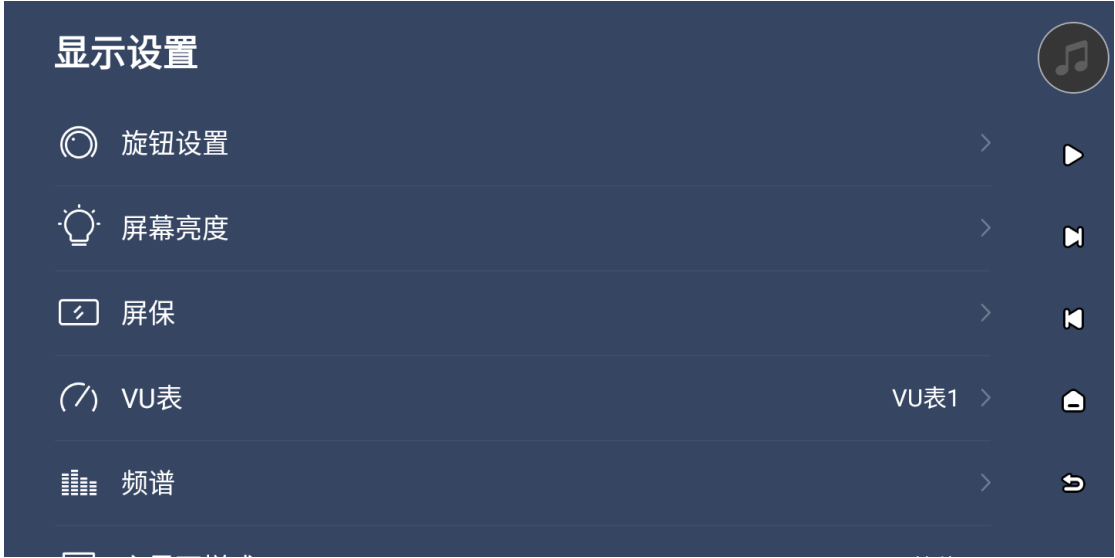
Screen brightness: Set the brightness level displayed on this machine's screen as needed

Knob brightness: Adjust the brightness of the knob light to personalize the color as needed

Screen saver: Select that the machine has not been operated for a certain period of time, and the machine will automatically enter the screen saver state until the system detects the operation display screen, and the system will automatically exit the screen saver state. Press the power button of the machine to exit the screen saver as well.

Screen saver modes: This machine has 9 preset screen saver modes, and you can set different modes according to your personal preference.

VU Meter: Choose a VU meter style based on your preference for the playback interface



Main interface style

The main interface style can be switched between "Minimalist" and "Classic" styles by going to the Settings menu > "Show Settings"



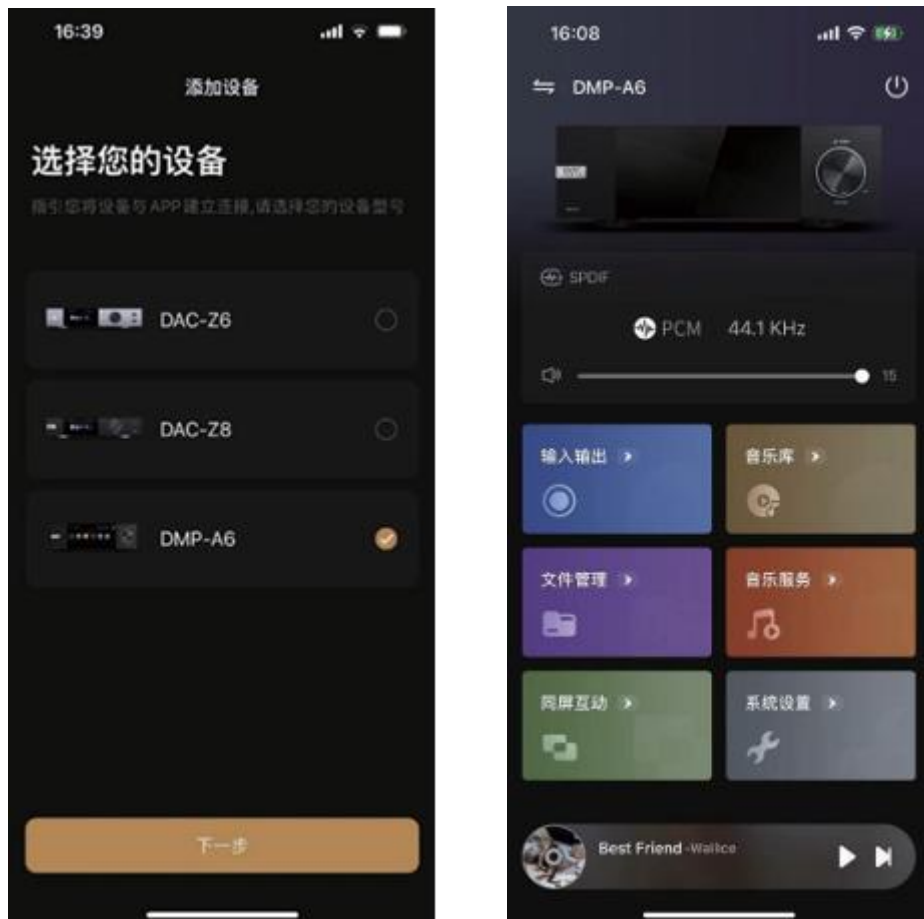
Network Settings

Eversolo PLAY(CD version) supports Control through the mobile phone APP. Enter Settings > "Mobile Phone Control" > "Mobile Phone Control", scan the QR code to download and install "Eversolo Control"; You can also download and install the Eversolo Control APP from the official website or the resource download page of this manual.



Mobile control APP

After installing the APP, make sure your device and your phone are connected to the same local area network. Then open the APP, select the name of the PLAY(CD version) device, and proceed to add the device next step. Once the connection is successful, you can enter the control interface.



Note:

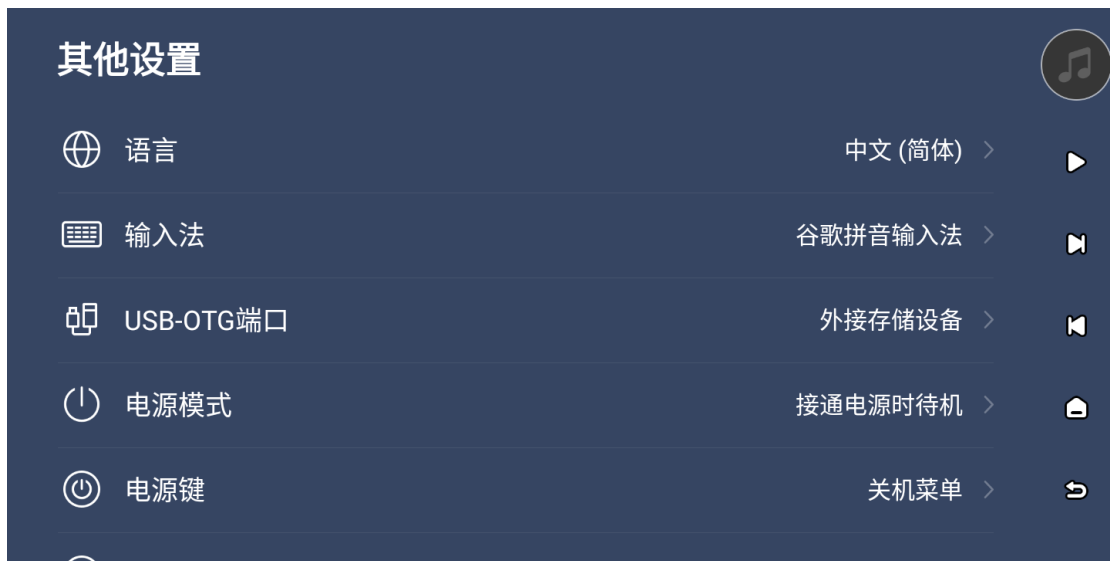
* The app supports Android (phone) and IOS (phone or tablet), and can also be downloaded and installed by scanning the corresponding QR code in the Quick Start Guide.

* For IOS, search for "Eversolo Control" in the App Store to download and install it.

Other Settings

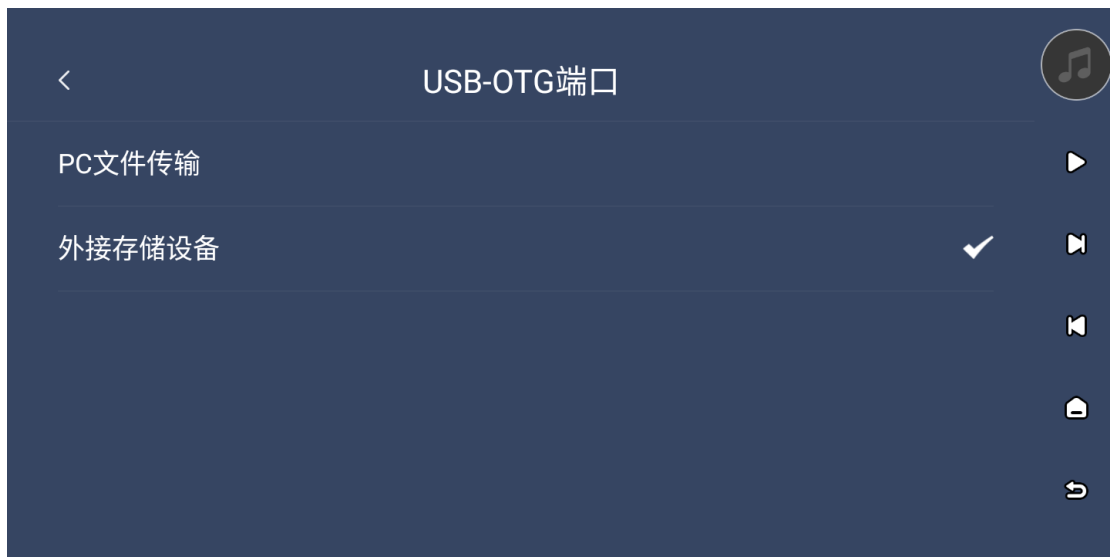
Menu Language Settings

Go to the Settings menu > "Other Settings" > "Language" and select the interface menu language as needed.



USB-OTG port function Settings

This device supports setting the USB OTG port to USB OTG mode, making it convenient for the computer to copy and manage local files by connecting to the local computer via a USB data cable. Go to the Settings menu > "Other Settings" > "USB OTG Ports" > "PC File Transfer".



System Upgrade

Go to the Settings menu > "System Upgrade", or "About" and click "Software Version" to enter the upgrade interface. There are two ways to upgrade: online upgrade and local upgrade.



Online upgrade

After connecting to the Internet, go to Settings menu > "System Upgrade" or "About" > "Software Version", click Online upgrade, and the latest upgraded firmware will be obtained via the Internet. Follow the screen prompts to complete the upgrade, and wait for the machine to restart automatically when the upgrade is complete.

Local upgrade

Download the EVER SOLO PLAY firmware upgrade package from the official website to A USB flash drive. Connect the USB flash drive to the machine's USB type A port. Then open the Settings menu of this machine > "System Upgrade" > or click on "About Software Version", click on "Local Upgrade" to select the upgrade package, and complete the upgrade operation as prompted on the screen. After the upgrade is completed, wait for the machine to restart automatically.

Note:

- * Do not unplug the USB drive or operate the machine without power during the upgrade process.
- * It is recommended to use a FAT32 format USB drive for the upgrade.
- * The downloaded upgrade package does not need to be decompressed

Signal connections and Settings

PLAY digital audio output, including USB audio, coaxial digital audio output; It also supports analog audio power amplification output.

USB output connection

Use a USB AUDIO data cable, plug into the "USB Audio" port of this machine, connect to the USB input port of the external DAC, go to Settings > Input/Output "Built-in Player", and select "USB DAC" for the output port.



Note

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

Coaxial output connection

Use a coaxial audio cable to connect the coaxial output interface of this machine to the input of an audio decoder or AV amplifier, go to Settings > Input/Output "Built-in Player", and select "Coaxial" for the output port.

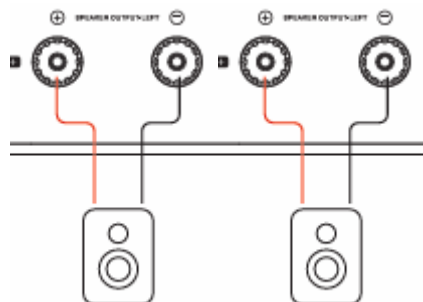


[Image to be retouched by the artist]

Note * Coaxial output supports up to stereo PCM192KHz 24Bit, DOP64 format.

SPEAKER speaker output port connection

When experiencing sound output: The red terminal of the speaker indicates positive output, which is connected to the positive terminal of the speaker. Black speaker terminal for negative output, connected to the negative terminal of the speaker; Go to Settings > Input-Output "Speaker" output



Note:

On the LR left and right channels, the positive and negative terminals of the speaker correspond respectively, and pay attention to impedance matching

Connect the bass output ports

Use an RCA connection cable with both ends connected to the subwoofer's input port and the SUB OUT subwoofer output port of this device, go to Settings > Input/Output > Output, and check if the audio Settings subwoofer port is set to open.

[To be illustrated by the graphic designer]

Fiber/coaxial input

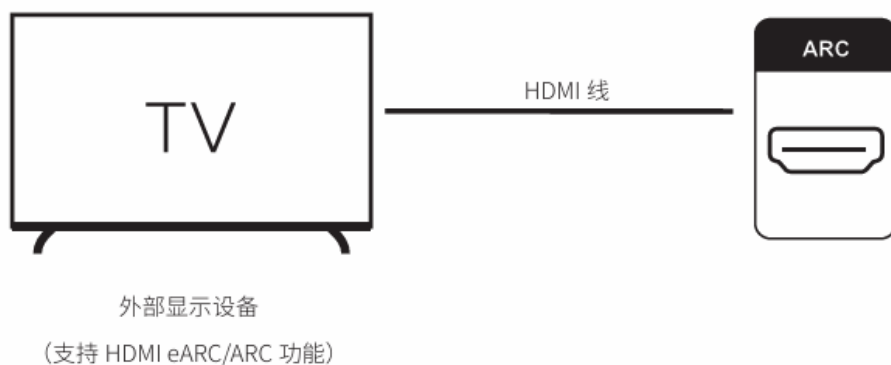
Use a fiber or coaxial audio cable to connect a front-end device with S/PDIF signal output, such as a media player or CD player, to the native fiber/coaxial input interface for decoding. Go to Settings > Input/Output > "Built-in Player", and select "Fiber Input"/"Coaxial Input" for the input port.



Note: * Coaxial connection, please connect with a 75-ohm coaxial audio professional signal cable. * Fiber connection, please use standard fiber audio signal cable. * Fiber/coaxial input, up to PCM 192KHz 24Bit, DOP64.

ARC input

Use an HDMI cable to connect a TV, projector or other display device with HDMI eARC/ARC functionality to enable HDMI audio return. Go to Settings > Input/Output, and select "ARC Input" for the input port.



Note: HDMI cable * Please connect to the TV's HDMI input port marked with ARC or eARC. *HDMI ARC input, up to PCM 192KHz 24Bit. *HDMI cables Please use physically connected HDMI cables, do not use fiber optic HDMI cables.

LINE IN input

Use a double-ended RCA red and white wire to connect a CD player or other external signal source device with analog RCA audio output to enable external audio source connection. Go to Settings > Input/Output, and select "LINE IN input" for the input port.

[Waiting for the graphic designer to draw]

PHONO input

Connect a record player with an MM/MC phono cartridge using a double-ended RCA red and white wire to achieve the external record player input function. Go to Settings > Input/Output, and select "Record Player Input" as the input port. To switch the phono input mode, go to Settings > Audio Settings and select "Phono Input Mode"

[To be painted by the artist]

Bluetooth input

This device has a built-in Bluetooth audio receiver module that supports lossless audio

protocols such as SBC/AAC and can be used as a high-quality Bluetooth decoder. When paired with a wide range of mobile devices, it can play wirelessly via Bluetooth. Go to Settings > "Input/Output" Built-in Player and select "Bluetooth Input" as the input port. On your mobile device, open the Bluetooth search device "PLAY" and pair it.

Note: * The actual Bluetooth receiving format on your device depends on the output of the Bluetooth sending device. Android phones can usually switch the Bluetooth output format in the Android phone system Developer options. aptX HD and LDAC lossless formats are recommended.

Resource Downloads

Product firmware update, USB driver and mobile control APP download, please visit the official website :www.eversolo.com, download by yourself from the download center page. After downloading the driver, please unzip the installation package, double-click the exe file, and follow the on-screen instructions to complete the installation.



手机控制 App



微信公众号

*推荐使用手机浏览器扫描二维码

Special notes:

In order to enhance the user experience, Esolo will update the firmware of its products from time to time. The content of this description may differ from the actual use of the product. The functions or parameters of this machine may be adjusted without further notice. For more information, please visit www.eversolo.com.

Safety tips:

1. This device must not be exposed to water splashes or water droplets. Do not place liquid-filled items such as vases on the device.
2. The power disconnection device of this equipment is the power input plug or the power switch on the back. For ease of operation, the power plug or power switch should not be blocked by other objects.
3. This device is a Class I product. When using this product, it is necessary to ensure good grounding measures.
4. Take a 10-minute break after 30 minutes of use. Children under 2 years old should not watch the screen, and those over 2 years old should not watch the screen for more than 1 hour per day.

FCC Statement

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.

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 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device must operate with a minimum distance of 20 cm between the radiator and user body.