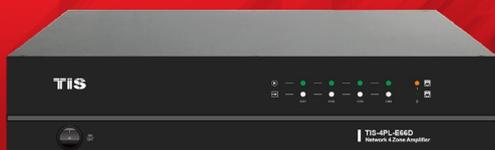


INSTALLATION MANUAL

NETWORK 4 ZONE AMPLIFIER



Model: TIS-4PL-E66D



i PRODUCT INFORMATION

TIS-4PL-E66D is a 4-zone multi-room audio system that allows you to play music from various sources, including online music services, your phone storage, and NAS, in different rooms or the same room. It is easy to set up and use.

PRODUCT SPECIFICATIONS

 Input	Line in	Max 2V RMS input
	Optical in	Max 192kHz/24bit sample rate decode
	USB	PCM encoding USB disk drive playback
 Output	Pre out	Max 2V RMS output
	Coaxial out	44.1kHz/16bit output
	Speaker out	SOW per channel / 8ohms Bridged Amplifier mode 100W / 4ohms per channel
 General	Power	115-230V AC 50/60Hz
	Control Interface	Dual-way RS232
	Size	2U rack size
 Protection	Bus connection	Reverse polarity protection
	Amplifier	Reverse polarity protection
 Network	Ethernet In	RJ45, Connect to internet
	Ethernet Out	RJ45, Output to other device to share the network
 Dimensions	Width × length × height	300mm × 100mm × 430mm
	Music Sources	
	Streaming Protocol	Spotify Connect, Airplay, DLNA, UPnP, Qplay
	Online Music	Spotify, Tidal, Deezer, Qobuz, Napster, Pandora, Amazon Music, Internet Radio, iHeartRadio, vTuner, QQ music, QQ FM
	Local Music	Mobile device music, NAS storage music files, USB disk drive music files
	Multizone function	1.By Master input source 2.By APP to setup one zone as master to sync music to other zone



BARCODE (UPC-A)





READ INSTRUCTIONS

We recommend that you read this Instruction Manual before installation.



SAFETY INSTRUCTIONS

Electrical equipment should only be installed and fitted by electrically skilled persons.

Failure to observe the instructions may cause damage to the device and other hazards. These instructions are an integral part of the product and must remain with the end customer.

Any issues stemming from an installation by an unauthorised person is the responsibility of the user and will not be covered by warranty.



PROGRAMMING

This device can be tested and programmed manually. Advanced programming requires knowledge of the TIS Device Search software and instruction in the TIS advanced training courses.



SIMPLE INSTALLATION

You can install this module on a wall or place it on a stable surface.



MOUNTING LOCATION

Position the device on a stable location with easy access to wiring and terminals.



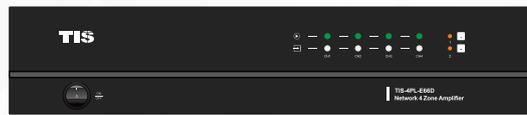
WARRANTY

There is a Two-Year warranty provided by law. The hologram warranty seal and product serial number are available on each device.

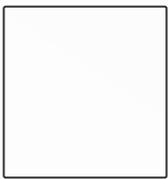




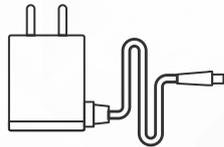
WHAT'S INCLUDED IN THE BOX



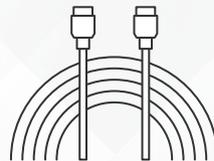
Amplifier



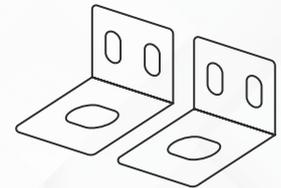
User manual



12V/2A Power Cable



Ethernet cable



Rack Mount Brackets x2

- ▶ TIS-4PL-E66D contains 4 audio amplifiers for you to connect to 4 set of stereo speakers. Each zone also contains analog and digital audio outputs for you to use as audio source. You can easily play music from online music services, your phone storage, NAS and other sources by using the WIIM app on your iOS or Android device.
- ▶ - Amplification: Each zone can provide 50Wx2@8ohms (stereo mode) or 100W@4ohms (bridge mode)
- ▶ - Multi-room audio function: Play different songs in different rooms or same song in every room.
- ▶ - Easy network setup: Connect to your home network and it is ready to use.
- ▶ - Rich I/O interface: Each zone has separate digital input/output and analog input/output. There is also a master source input that all zones can used at the same time.

SYSTEM REQUIREMENTS

High Speed Internet Connection:

TIS-4PL-E66D requires an internet connection in order to stream music from online music services and receive firmware updates. Slower internet connections may cause performance issues.

Wireless Router:

To use the TIS-4PL-E66D, you must have a functional Wi-Fi network in your home, as the control APP on your mobile device must be in the same network as the streamer.

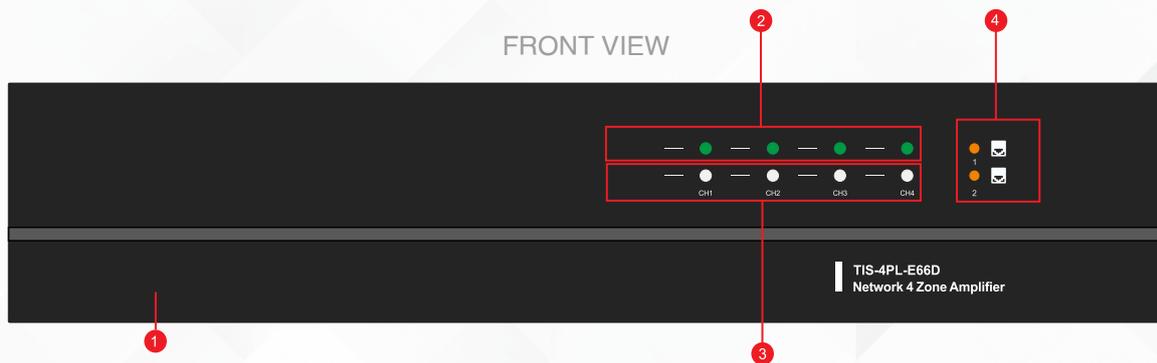
Control APP-WIIM:

TIS-4PL-E66D can be controlled using our free WIIM app on any iOS or Android device that meets the following minimum requirements:



Or Android from the following link: <https://dln.bz/a/muzoplayer/3.1.11.210810>

OVERVIEW



1) Power button

2) Streaming Indicator – When streaming, the LED turns on.

3) Input Source Indicator – LED Color: White represents Network Audio, Green represents Line in 1 (Zone Line in), Yellow represents Line in 2 (Master Line in), Magenta represents Master Optical in, Cyan represents Master Coaxial in, and Red represents USB.

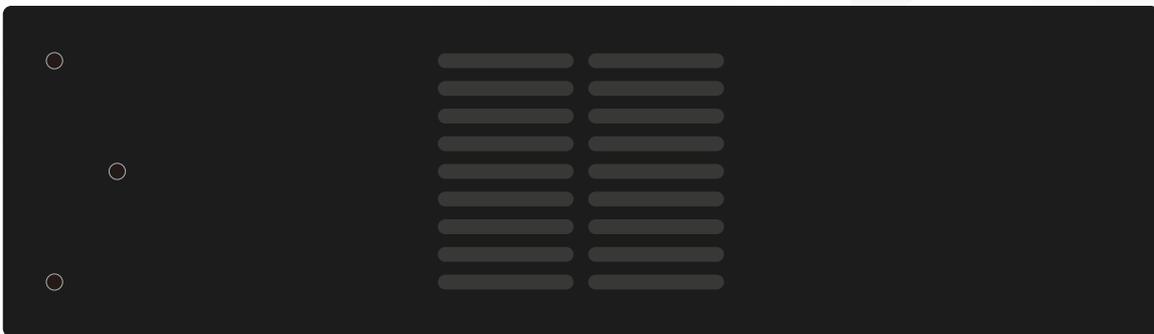
4) Network Indicators – LED turns on when the network is accessible.

OVERVIEW



- | | | |
|----------------------------|------------------------------|-----------------------------|
| 1) Pre-Out | 6) Speaker out | 11) Reset Button |
| 2) Line in (Line 1 in APP) | 7) Stereo/Bridge mode switch | 12) RS232 Pass Through Port |
| 3) Digital Coaxial Out | 8) Master Line In | 13) RS232 Port |
| 4) Digital Optical In | 9) Master Coaxial In | 14) Network Output |
| 5) USB port | 10) Master Optical In | 15) Network Input |
| | | 16) Voltage Selection |
| | | 17) Switch (115V/230V) |
| | | 18) Power Plug |

SIDE VIEW

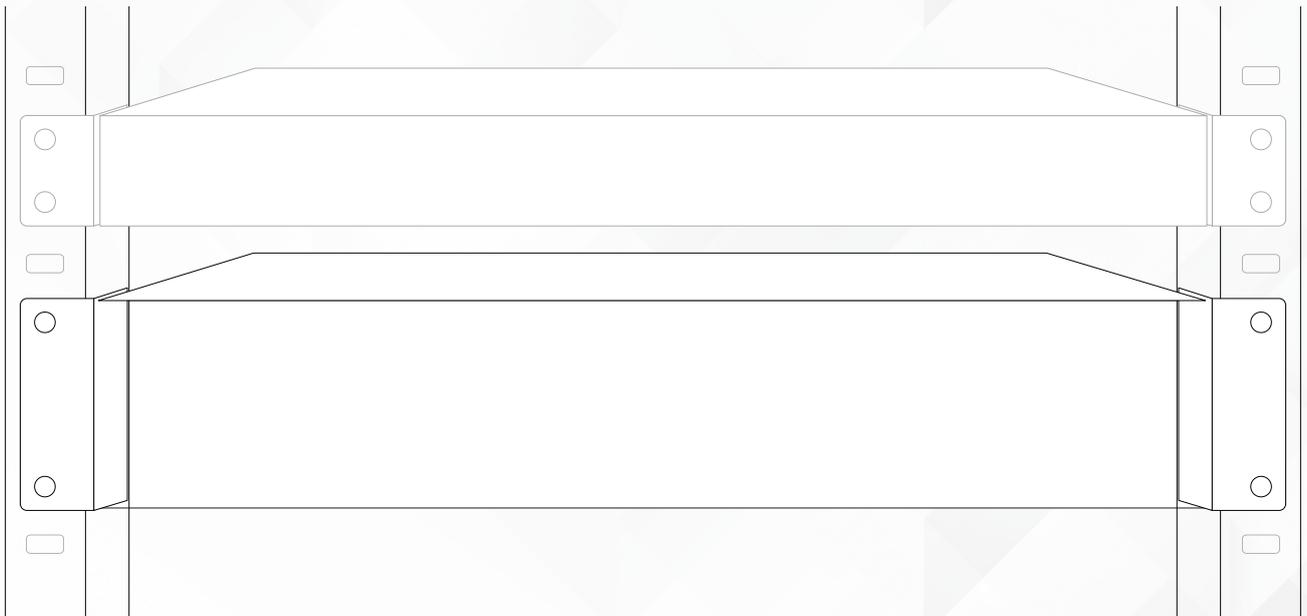


Screw holes for mounting brackets

MOUNTING

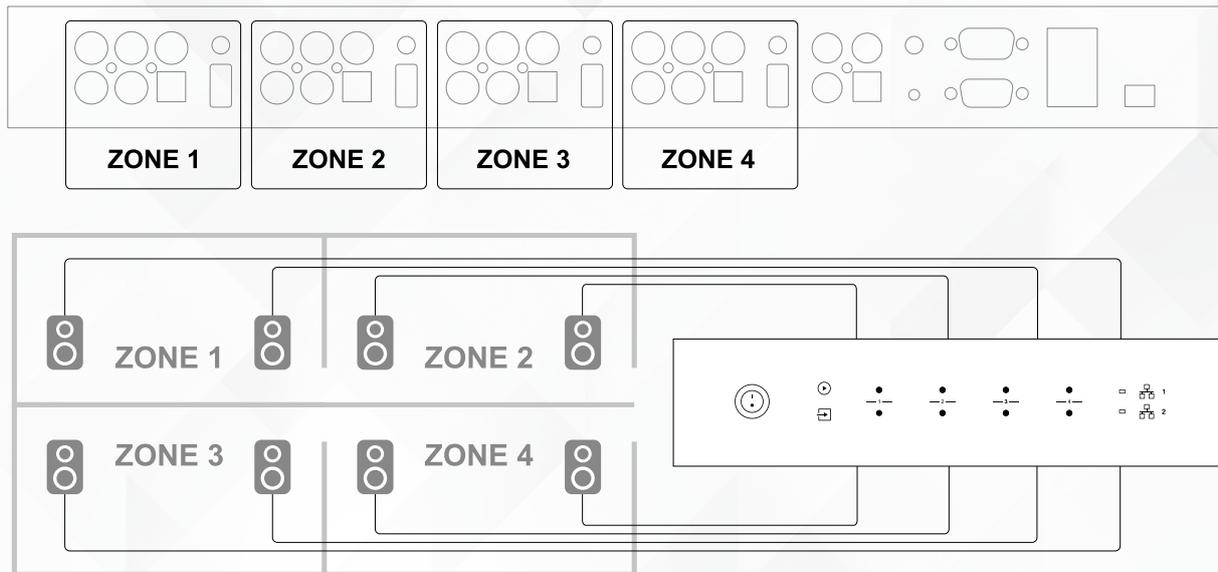
The size is standard 2U, so it fits easily into an equipment rack. If you want to mount the TIS-4PL-E66D on a standard EIA equipment rack, use the included rack mounting brackets on each side.

Align the rack mounting brackets with the screw holes on the side, then tighten the screws.



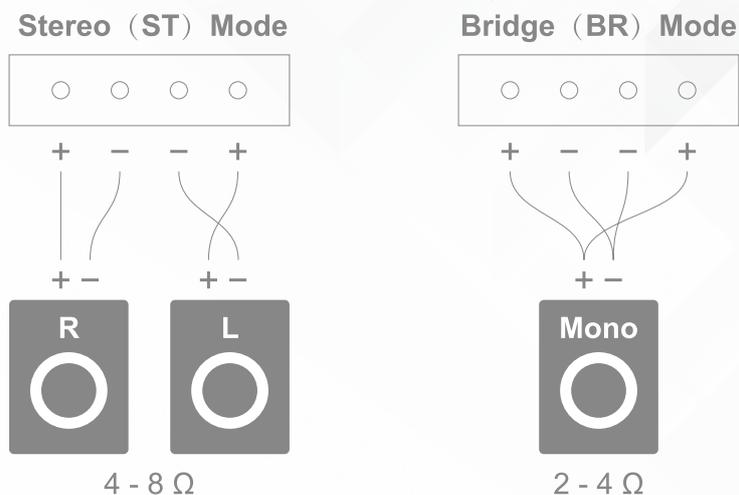
ZONE CONNECTION

You can listen to the same audio source in all four zones at the same time, or you can listen to different audio sources in each zone.



CONNECT YOUR SPEAKERS

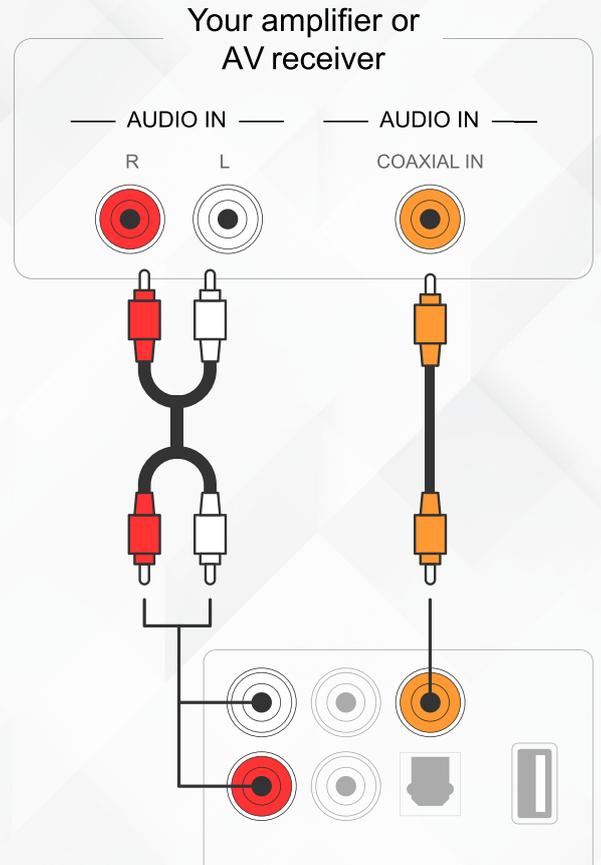
Using the phoenix connector, connect your stereo speaker to the speaker output. You can also connect to a Mono speaker by switching to Bridge mode (BR).



Connect to an External Amplifier or AV Receiver

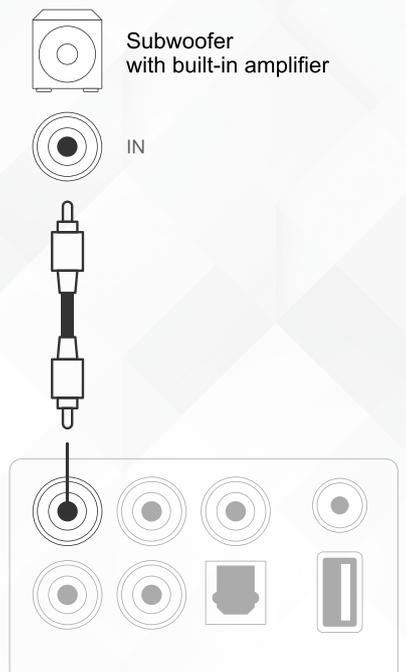
Using the appropriate cable, connect the LINE OUT output to the input on your amplifier or AV receiver.

TIS-4PL-E66D supports both analog (RCA) and digital (Coaxial) output.



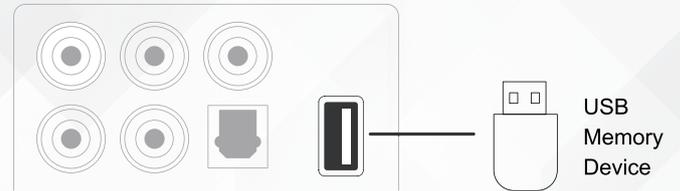
Connect to an External Subwoofer

Connect the LINE OUT “L” output to the subwoofer or subwoofer amplifier’s input.



Connect to a USB Storage Device

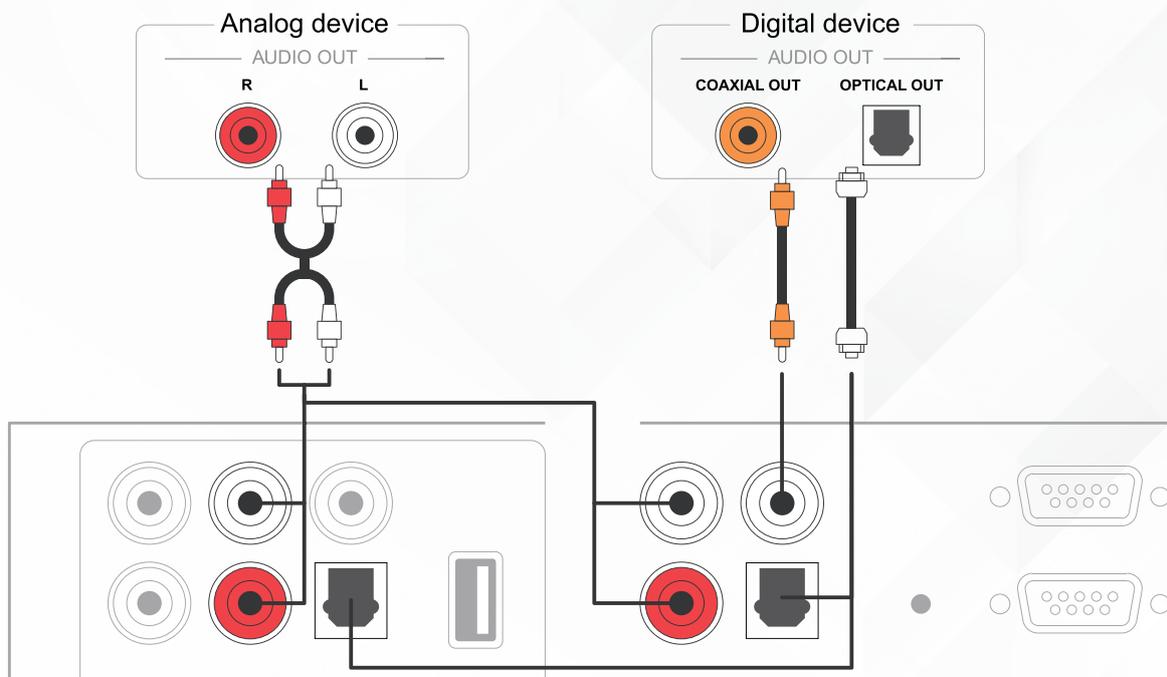
To play music from a USB storage device, simply connect a USB storage device containing music files to the Zone's USB port.



Connect to Audio Playback Device

Connect the LINE IN, OPTICAL IN connectors in each zone or the LINE IN, COAXIAL IN, OPTICAL IN connectors in the master input area to an audio playback device; this can be a CD player, portable music player, or any device with an audio output that uses the same connector.

LINE IN in each zone is represented as Line in in the APP, while LINE IN in the master input area is represented as AUX. Optical IN is represented as OPT1 in each zone, while Optical IN and Coaxial IN are represented as OPT2 and COX in the master input area.



RS232 Serial Port

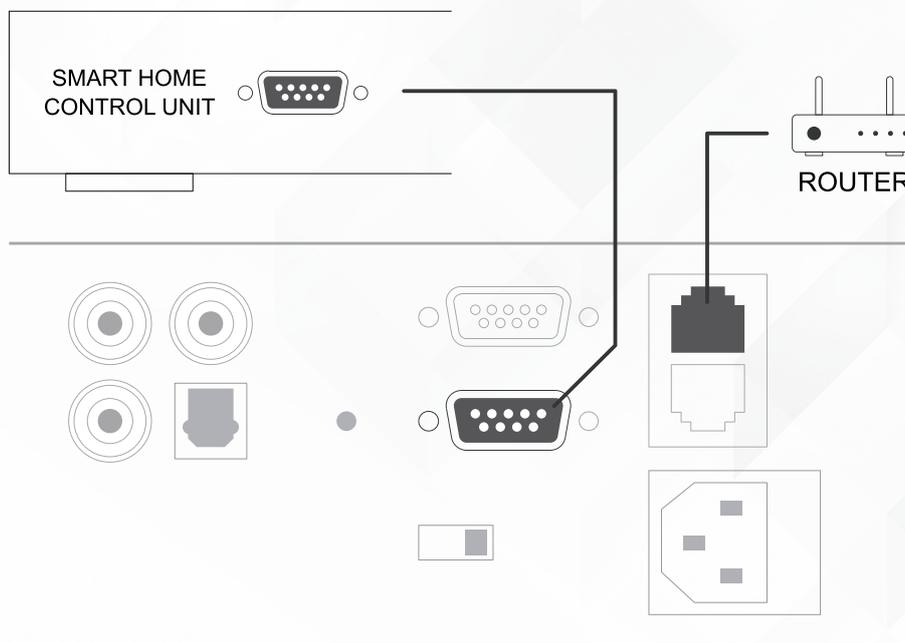
The TIS-4PL-E66D can only be controlled by connecting to a smart home control unit via an RS232 serial port.

The Pass-Through port can be used to connect to another TIS-4PL-E66D for group control.

Connect to Network

To add TIS-4PL-E66D to your home network, connect it to your router with a LAN cable.

You can connect another device to the same network by using the NETWORK OUT port.



Download WIIM App

The WIIM APP is the overall system controller. Install the WIIM APP on your mobile device to control and stream music throughout your home.

English, Spanish, French, German, Italian, Portuguese, Korean, Simplified Chinese, Traditional Chinese, and Japanese are all supported.

WIIM App for iOS and Android can be downloaded by searching “WIIM” in the App Store or Google Play.



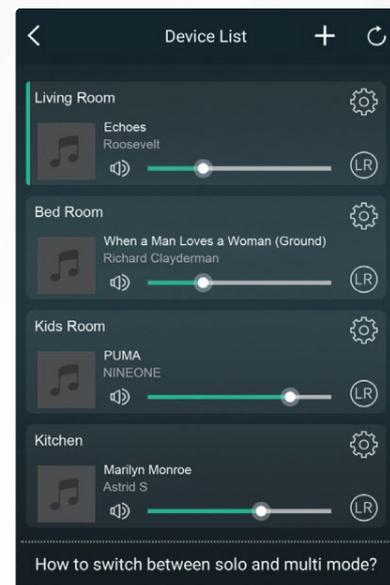
Using

After connecting your TIS-4PL-E66D to your network and installing the WIIM app on your mobile device, you can begin playing music in different rooms. You can listen to different music in each room or the same music in all rooms at the same time.

Selecting a ZONE

WIIM APP displays all connected devices in the same network.

1. Select the device you want to control; a green bar will appear on the left side of the selected device.
2. Swipe to the left to access the music sources list.
3. From the list, choose an online or local music source to begin streaming your music.



Play Same Music to Multiple Rooms

You can play the same music in multiple rooms at the same time by dragging one device over another from a group. The master device is the device listed at the top of the group; music streams to the master device will also playback on other devices in the same group.

There is no need to group the devices if your music source is from the master source input, because all devices can access the master source input.

- ▶ When in multizone mode, there will be a small delay between the audio source and the four zones; otherwise, all four zones will be in sync with no delay between them.
- ▶ When you use the master source input as the input source for the four zones, there is no delay. There's no need to group them; simply ungroup them to play in time with the input source.



Listen to Online Music

TIS-4PL-E66D is compatible with popular online streaming music services such as Spotify, Tidal, Qobuz, Deezer, Amazon Music Unlimited, QQ Music, Tuneln, Internet radio, and iHeartradio. You can easily wirelessly stream music or playlists from your account to your home audio system.

Spotify

To use Spotify, you must have a premium account. You can find the device in the Spotify app’s device list and select the device to stream from.

Airplay

The device supports Airplay, so you can play music by selecting Airplay in your iOS device.

Qplay

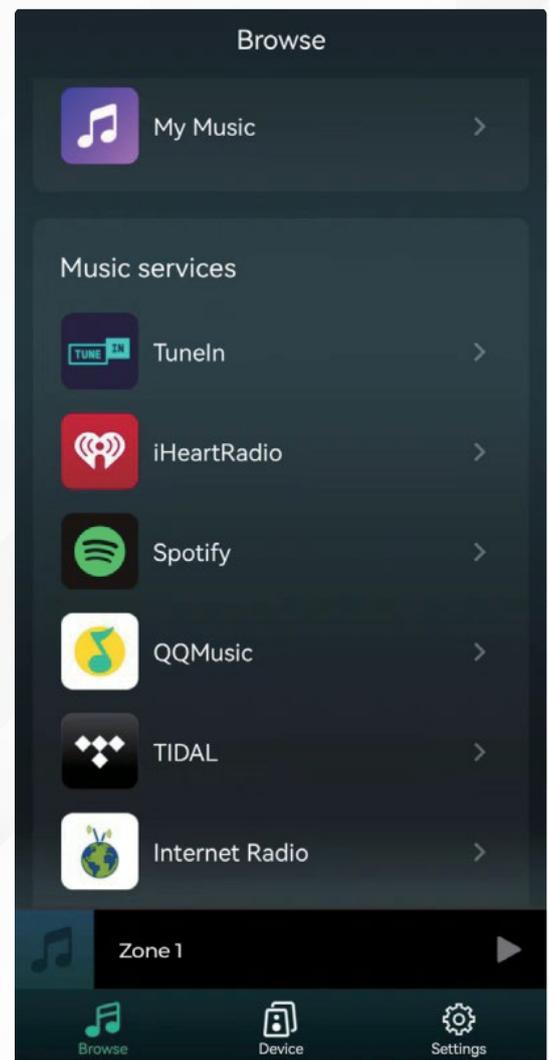
The device supports QQ music via the Qplay protocol; you must enable Qplay in the QQ music application settings and then locate the device in the Qplay list.

Listen to Local Music

TIS-4PL-E66D can stream music from your mobile phone, USB storage drive, or NAS via the DLNA protocol, PC software such as iTunes, or UPnP/DLNA third-party software.

Click “My Music” to select the local device from which you want to play music.

- ▶ Keep in mind that iOS devices have restricted access to the iTunes library.
- ▶ Our system only supports NAS devices that use the DLNA protocol.

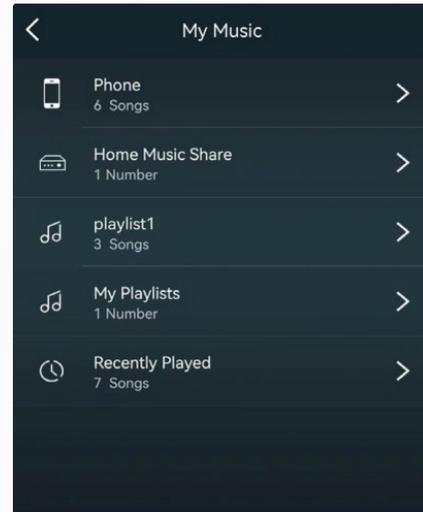


Music Playlist

You can create a music playlist and include local music in it for streaming.

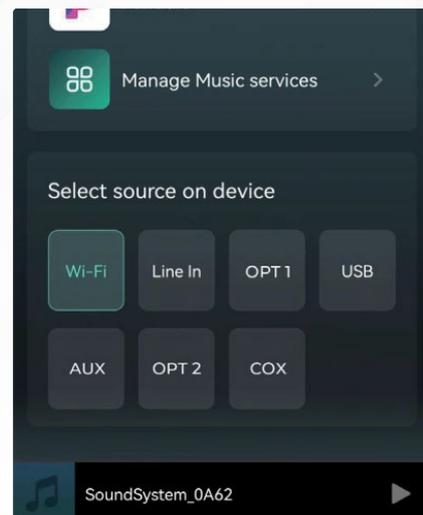
Play Music From Line In

- ▶ Use an RCA cable to connect an external audio source to the line-in port.
- ▶ To switch to line in mode, select it in the WIIM application.
- ▶ Line in is the current zone’s line in port, and AUX is the master input source’s line in port.



Play Music From Optical/Coaxial In

- ▶ Connect an external audio source to the zone’s optical in or the master’s optical, coaxial in.
- ▶ In the WIIM application, select OPT1 (zone), OPT2 (master), or COX to switch to the appropriate mode.



Play Music From PC

You can stream audio from your Mac or Windows PC using iTunes or a third-party UPnP/DLNA streaming program such as Foobar2000, Music Bee, or Serviio.

Changing Output Channels

You can change the output channel of the zone to Left channel only, Right channel only, or Stereo. Set Zone 1 to play the left channel and Zone 2 to play the right channel, then group them together to create stereo. Stereo is the default setting.

DEVICE SETTINGS

Rename: You can rename of each zone to suit your needs.

Speaker Info: This section presents device information such as the IP address, device name, firmware version, and Restore Factory Default.

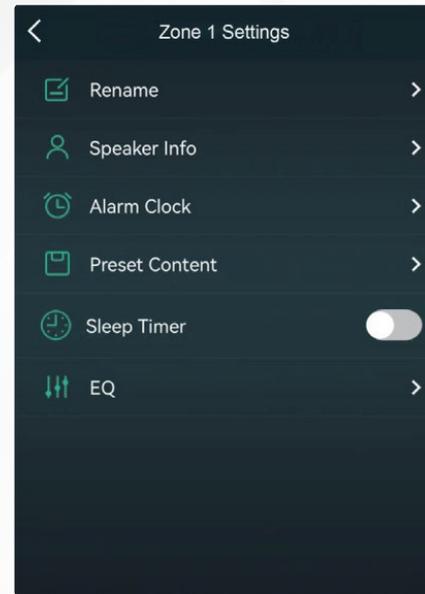
Alarm Clock: Set up a music alarm clock with music from the Preset list, internet radio, iHeartRadio, Napster, Tidal, Spotify, Deezer, and NAS.

Preset Content: For quick access, you can save up to ten different playlists or radio stations to the Preset list.

Preset any list or station with the speaker icon. When you click on the speaker icon, you can add it to the preset list.

Sleep Timer: To stop the music, set a Countdown timer. EQ: You can adjust the device's treble and bass.

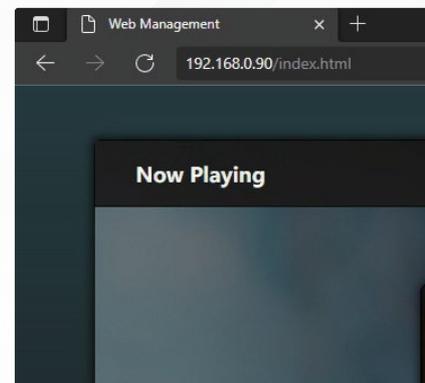
Restore Factory Settings: To restore the device to factory default settings, long press the Reset button for 8 seconds. This will clear all zone names, volume, and the current input source.



Web Player Interface

You can access the web player interface by entering the device's IP address into a web browser.

- ▶ You can find the device's IP address by clicking on the device setup icon and then selecting Speaker Info.



Playback Interface

You can control the volume, Play/Pause, previous/next song, repeat, and shuffle functions for the songs or stations you're currently listening to, as well as access the preset songs/stations you've created.

You can also change the device's input source.

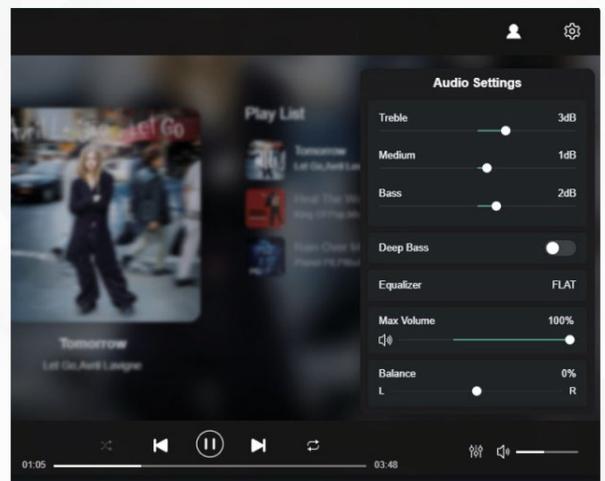
If you have a favorite internet radio station and know the streaming URL, add it to the URL Play list for quick access.



EQ Interface

You can configure various EQ settings in the EQ menu.

Change the Treble/Medium/Bass level, enable/disable Deep Bass, select Equalizer, set the maximum volume level, and adjust the L/R channel balance.



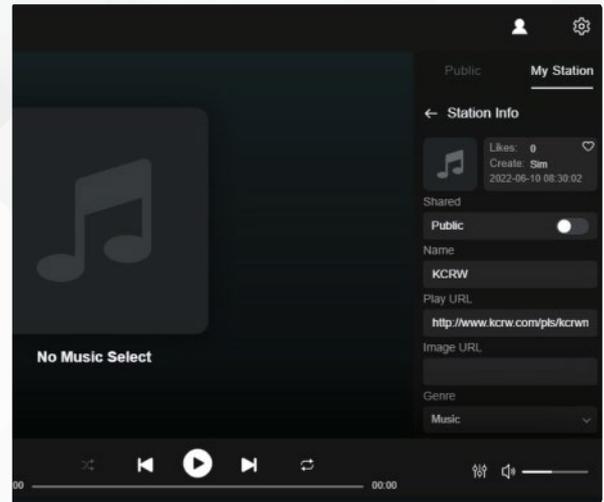
Radio Station Interface

If you have the URL, you can add your own internet radio station to the Radio Station Menu.

After you've added your own internet radio station, you can view its information and change its settings.

You can also make it public so that other users can use your station on their device.

- ▶ To use this function, you must first create an account. All of the radio stations shared by our users are listed in the Public Tag. They can be sorted by Genre, Language, or Country.



Settings Interface

IN THE SETUP MENU, YOU CAN DO COUPLE OF THINGS:

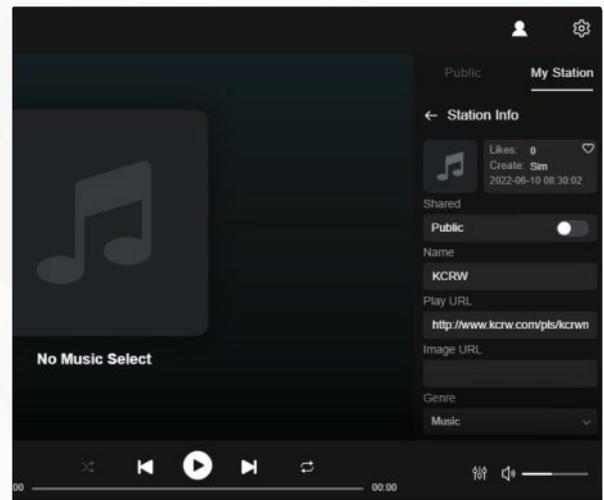
An admin password is required to access the setup interface. "admin" is the default password.

In the setup menu, you can do the following:

- Update the device firmware manually
- Change the Device Name
- Connect to WiFi
- Create a Static IP Address
- Change the Admin Password

- ▶ If you want to set up a WiFi connection for the first time without using another method, follow these steps:

1. Connect your mobile/PC Wi-Fi to the device SSID: SoundSystem_xxxx after turning it on.
2. In the web browser, enter 10.10.10.254 (the default IP address when no network is configured).
3. Go to settings and select the Connect to AP option, then click the connect button.



4. Select the SSID of the router to which you want to connect.
5. If necessary, enter a password and click the connect button.
6. Now that your device is connected to your network, you must enter the new IP address in order to continue using the web player. (Because the IP address is no longer 10.10.10.254)



FIRMWARE UPDATE

A “new” icon will appear whenever a new firmware is available. To begin the firmware update, click on the “new” icon; it will take a few minutes.

It is recommended to update firmware as soon as it becomes available; it may not only fix bugs or improve performance, but it may also add new features or services.

FCC Statement:

Radiation Exposure Statement from the Federal Communications Commission (FCC)

Maintain a distance of 20cm from the body when using the product to ensure compliance with RF exposure requirements. Part 15 of the FCC rules apply to this device. The operation is subject to two conditions:

1) This device may not generate harmful interference; and 2) this device must accept any interference received, including interference that may result in undesired operation.

NOTICE: The manufacturer is not liable for radio or television interference caused by unauthorized modifications or changes to this equipment. Modifications or changes of this nature may revoke the user’s authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the Class B digital device limits set forth in Part 15 of the FCC Rules. These limits are intended to protect a residential installation from potentially harmful interference. This equipment generates and can emit radio frequency energy and, if not installed and used properly, may cause harmful interference to radio communications. There is no guarantee, however, that interference will not occur in a specific installation.

If this equipment causes harmful interference to radio or television reception, as determined by turning the equipment on and off, the user is encouraged to try to correct the interference using one or more of the following measures:

- ▶ Rotate or move the receiving antenna.
- ▶ Increase the distance between the equipment and the receiver.
- ▶ Plug the equipment into an outlet on a different circuit than the one to which the receiver is connected.
- ▶ For assistance, contact the dealer or an experienced radio/TV technician.

FAQ

Q: Does your hardware support AirPlay and third-party DLNA apps?

A: Yes. They support airplay as well as third-party apps such as MusicBee and Foobar2000.

Q: How many zones can be combined in a single system?

A: The maximum number of rooms is 12, with 8 zones being recommended.

Q: How far can your wireless audio system travel?

A: After connecting the system to your WiFi router, you can stream your music anywhere there is a WiFi signal.

Q: Does it support high-resolution music?

A: Yes. Within the normal bit rate range, our devices can play APE and FLAC. They can also decode 24bit/192kHz music files.

Q: How many languages are you able to support?

A: Our devices will automatically detect and change the language of your mobile device. We currently support English, French, German, Spanish, Chinese, Portuguese, Korean, and Japanese, with additional languages on the way.

Q: Do you support any online music services?

A: Spotify, Deezer, Tidal, Qobuz, Amazon Music, Napster, TuneIn radio, internet radio, and iHeartRadio are some of the services available.

Q: Can I listen to local music?

A: Yes. Music from "MY MUSIC" can be played on the app from local storage devices such as mobile device storage, USB thumb drives, and NAS.

Q: Is the device compatible with Windows devices?

A: While the Windows application is not currently available, users on Windows PCs can connect to iTunes, Foobar2000, and Spotify.

Q: Can all music sources be played simultaneously in multiroom mode?

A: Yes, online music services, as well as digital and analog input, can all stream in multiroom mode.