



INSTRUCTIONS FOR USE
E1 / Phono / BT

Dear Music Lover,

Thank you for choosing Pro-Ject Audio Systems record player.

Your E1 turntable has been handcrafted and rigorously tested by skilled technicians to give you years of enjoyable, trouble free service.

Please contact your dealer if you require additional assistance.

Important:

Your turntable was shipped partially disassembled in order to avoid damage to sensitive parts. Please check immediately to make sure that neither the packaging nor the device was damaged in transit. If you are missing parts or if the unit is damaged, please do not operate and contact your dealer.

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Please do your part to help protect the environment:

Disposal of packaging material:

Pro-Ject packaging is carefully designed to protect your component from damage in transit and you are strongly urged to keep the original packaging in order to safely ship or otherwise transport your turntable in the future.

However, the packaging materials were chosen to be environmentally friendly, so if you must discard the packaging, please recycle.

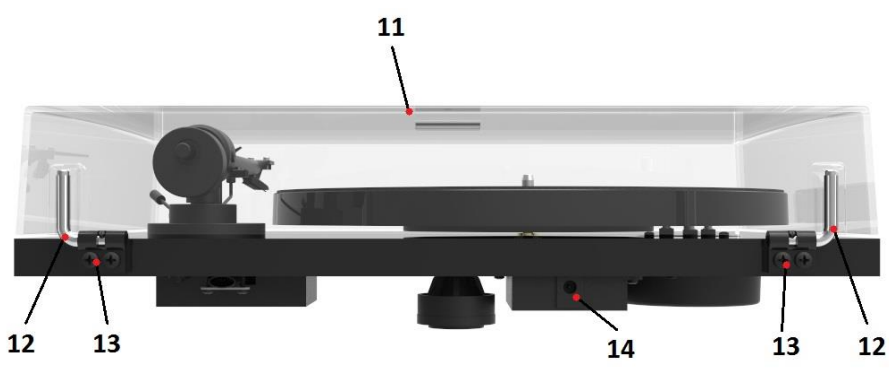
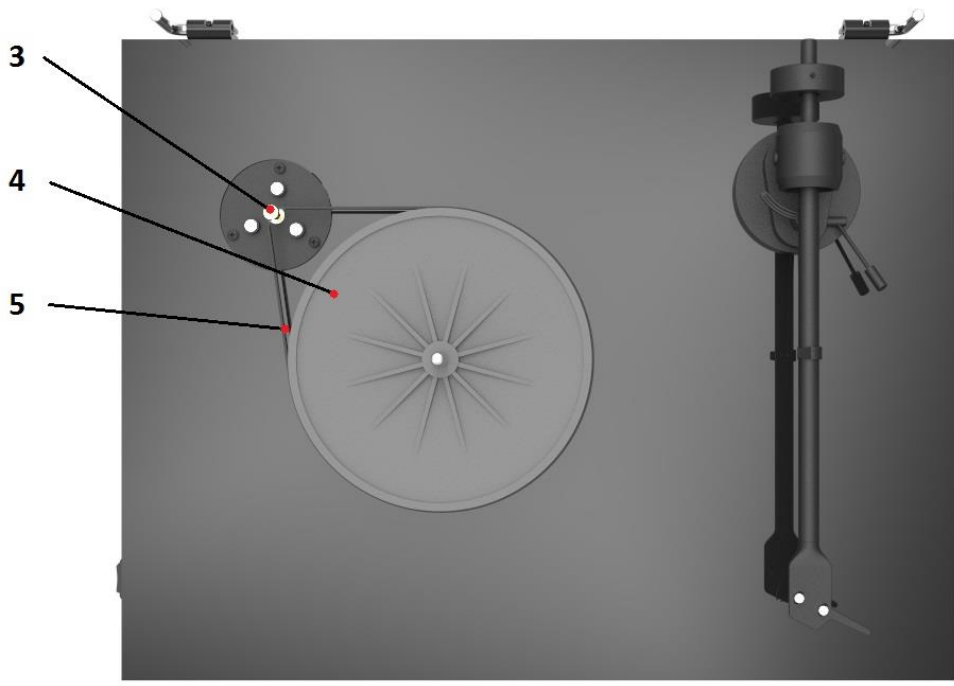
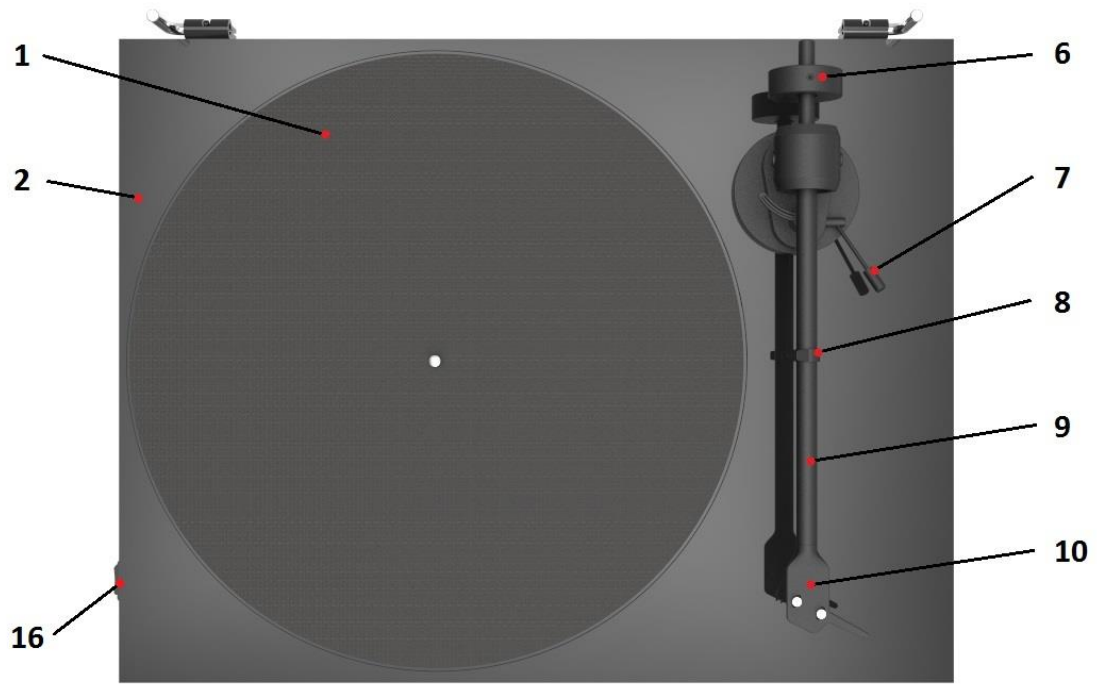
GENERAL INFORMATIONS

Controls, features and connections

- 1 PLATTER & FELT MAT
- 2 CHASSIS
- 3 MOTOR WITH PULLEY
- 4 SUB – PLATTER
- 5 DRIVE BELT
- 6 TONEARM COUNTERWEIGHT
- 7 TONEARM LIFT LEVER
- 8 TONEARM REST / REMOVABLE TRANSPORT LOCK
- 9 TONEARM TUBE
- 10 HEADSHELL WITH FINGER LIFT AND PRE-MOUNTED Audio-Technica CARTRIDGE
- 14 LID
- 13 LID HINGES
- 14 HINGE FASTENERS
- 15 POWER SUPPLY SOCKET
- 16 ON / OFF SWITCH, SPEED SELECTOR

Accessories

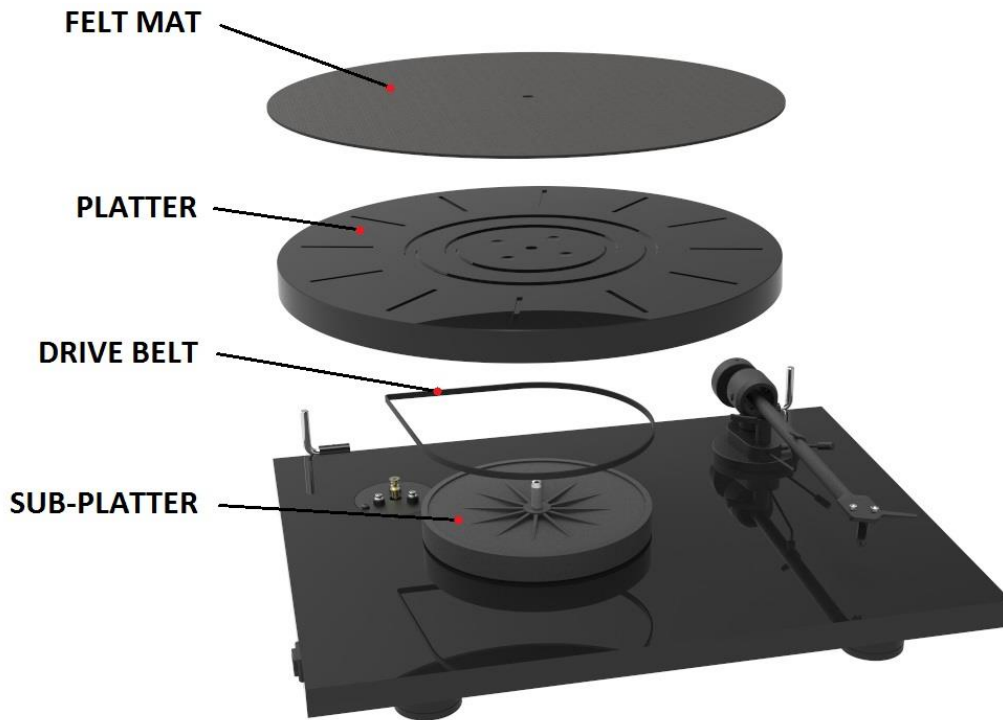
- 1 SINGLE ADAPTOR
- 2 ALLEN KEY 2mm
- 3 COUNTERWEIGHT no. 56
- 4 TWO-POINT CARTRIDGE ALIGNMENT PROTRACTOR
- 5 PHONO CABLE
- 6 STYLUS PRESSURE GAUGE
- 7 QUICK SETUP GUIDE



SETUP

1. Platter and drive belt installation

Please remove drive belt from accessories box and install it as shown in the following illustration. Put the felt mat on the top of the platter.



2. Cartridge installation, stylus exchange

* If you purchased this turntable in a package that included the cartridge, this has already been done for you.

Install the cartridge into the headshell, using the appropriate hardware included with your cartridge. All cartridges with half inch mounting holes can be fitted.

Connect the cartridge as indicated below:

- White left channel L+
- Red right channel R+
- Green right channel R-
- Blue left channel L-

For correct cartridge alignment, use the two-point cartridge alignment protractor provided with your Primary DC accessories. If unfamiliar with two-point setup, please refer to your dealer.

A damaged or worn stylus may harm your record collection and should be replaced.

Please remove stylus protection before pulling the stylus from the cartridge and replace for a new one.

Stylus type is exchange for pre-mounted cartridge Audio Technica AT3600L: Stylus AT3600L. If in doubt, consult your local dealer or distributor.

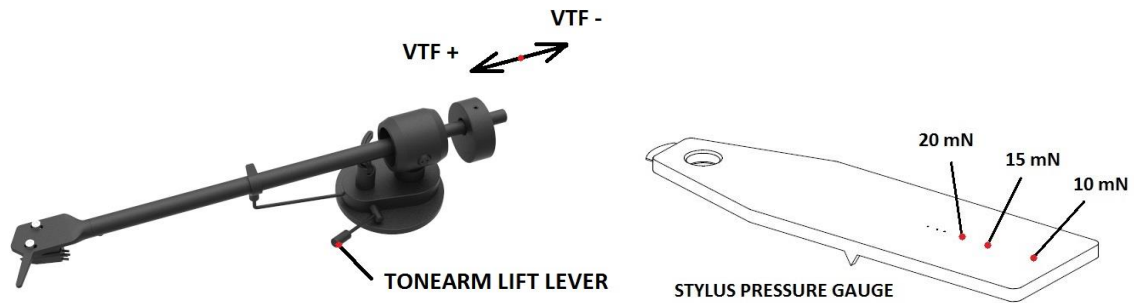
3. Vertical Tracking Force setting (VTF)

* This setting is only necessary when you decided to repalce your cartridge. For factory fitted cartridge, VTF was perfectly pre-set already.

Before setting the Vertical Tracking Force, confirm the exact weight of your cartridge.

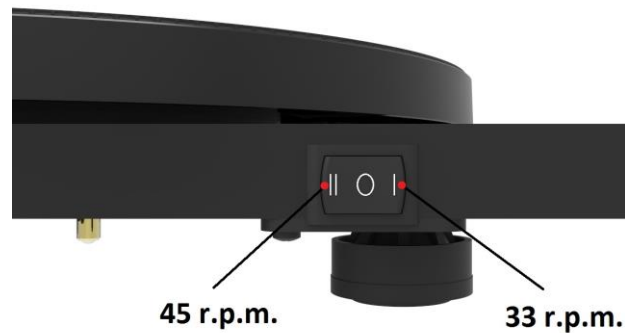
Pushing carefully, move the counterweight onto the rear end of the counterweight support rod. Place the stylus pressure gauge onto the platter. To set the required VTF, lower the tonearm lift lever as indicated in the illustration and place the tip of the stylus exactly in between the two points marked 15mN and 20mN.

If the stylus gauge becomes level, then the correct pressure has been achieved. However, if the there is insufficient or excessive pressure the gauge will either not move or tilt down. Moving the counterweight (6) away from the cartridge will reduce pressure and towards will increase pressure. Finally secure the counterweight (6) using hexagonal key provided.



4. Speed control

The turntable is equipped with a three-position switch for ON/OFF and electronic speed change. To play records at 33 r.p.m. press the switch (16) to the front side to position no. 1. To play records at 45 r.p.m. press the switch (16) to the rear side to position no. 2



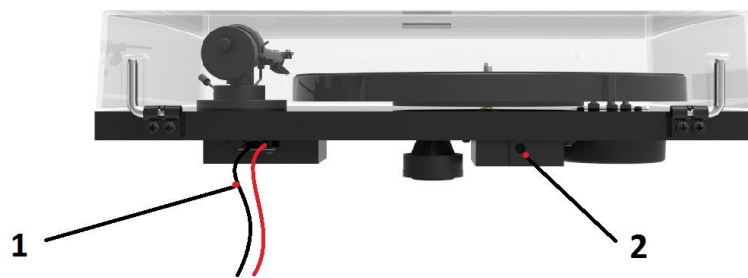
5. Maintenance and cleaning

Your record player requires little or no regular maintenance. Remove dust with a slightly moistened antistatic cloth. Never use a dry cloth because this will create static electricity which attract more dust! Antistatic cleaning fluids are available at specialist stores but must be applied sparingly to avoid damage to rubber parts. It is recommended to fit the needle cover before cleaning or maintenance is carried out to avoid damage.

If the player is not used over a long period of time the drive belt can be removed to prevent unequal stretching.

Controls, features and connections

- 1 PHONO OUTPUT CABLE
- 2 POWER SUPPLY SOCKET

**Connection to the amplifier**

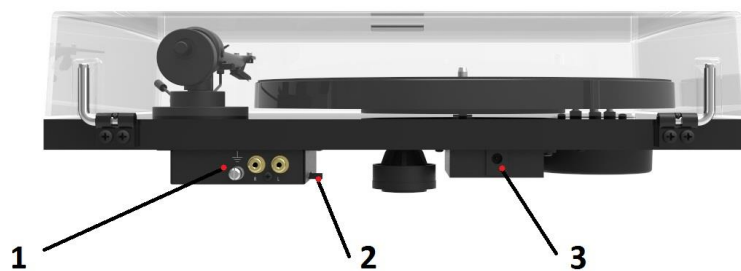
The record player has a captive tonearm signal lead for connection to the amplifier. Use the Phono input on your amplifier. Make sure that the phono input offers correct matching and amplification for the type of cartridge used. Line inputs (such as CD, Tuner, Tape or Video) are not suitable.

Take care to connect the left and right channels correctly. The right channel is usually marked red, the left channel black or white. Check the manual supplied with your amplifier for relevant information. The earthing wire of the tonearm lead should be connected to the earth terminal on your amplifier (if provided).

If your amplifier does not have an input suitable for phono cartridges, you will require a separate phono amplifier stage for MM or MC cartridges which is then connected between the record player and a free line level input of the amplifier.

Controls, features and connections

- 1 PHONO/LINE OUTPUT, EARTH CONNECTION
 - 2 PHONO/LINE OUTPUT SWITCH
 - 3 POWER SUPPLY SOCKET
-



Connection to the amplifier

The record player has gold plated female RCA phono sockets and possibility to choose between Phono and LINE output. With LINE OUT on, you can use a line input (such as AUX, CD, Tuner, Tape or Video) on your amplifier. With PHONO OUT on, you can use your own phono pre-amplifier (sometimes labelled gram, disc or RIAA).



Take care to connect the left and right channels correctly. The right channel is usually marked red, the left channel black or white. The earthing wire of the tonearm lead should be connected to the earth terminal on your amplifier (if provided).

Controls, features and connections

- 1 PHONO/LINE OUTPUT, EARTH CONNECTION
- 2 BLUETOOTH SWITCH

2
BLUETOOTH SWITCH**Connection to the amplifier**

The record player has two possible outputs – Line OUT with integrated preamplifier and Phono OUT for connection to the preamplifier. If you choose Phono OUT, then use the Phono input (sometimes labelled gram, disc or RIAA) on your amplifier. Make sure that the phono input offers correct matching and amplification for the type of cartridge used. If you choose Line OUT, then use the Line inputs (like CD, Tuner, Tape or Video).

Take care about connecting the left and right channel correctly. The right channel is usually marked red, the left channel black or white. Check the manual of your amplifier for relevant information. An earthing wire may be connected to the screw terminal between the sockets if you encounter humming problems.

Bluetooth pairing

The record player has Bluetooth output and transmit signal automatically when is connected to mains.

It is paired automatically with any device with Bluetooth receiver (such as Pro-Ject MaiA, MaiA DS, Bluetooth Box S and Bluetooth Box E).

For pairing with other devices and portable speakers use the manual of the given product.

For restart of the Bluetooth transmitter, please turn OFF and ON the Bluetooth module by using the switch. Restart is needed only when there is a change of the Bluetooth receiver.

Technical specifications Pro-Ject E1 / Pro-Ject 8.6

Nominal speeds	33/45 r.p.m.
Speed variance	33: $\pm 0.70\%$ 45: $\pm 0.60\%$
Wow and flutter	33: $\pm 0.25\%$ 45: $\pm 0.23\%$
Signal to noise	-65dB
Effective tonearm mass	7.0g
Effective tonearm length	8.6" (218.5mm)
Overhang	22,0mm
Power consumption	4.5W
Outboard power supply	15V / 0 – 0.8A DC (set at 0.5A), universal power supply
Dimensions (W x H x D)	420 x 112 x 330mm, with open dustcover 420 x 370 x 393mm
Weight	3.5 kg
Dimensions packaging (W x H x D)	488 x 235 x 393mm
Weight incl. packaging	5.5kg

Technical specifications MM-Cartridge Audio Technica AT3600L

Frequency range	20-20.000Hz
Output voltage	3,5mV
Recommended load impedance	47kohms/amplifier connection – MM-input
Stylus type	spherical
Recommended tracking force	30.5mN
Weight	5,7g

Technical specifications MM phono pre-amplifier

Gain	34dB
Output voltage typically	200mV/1kHz at 5mV/1kHz input
Input impedance	47kohms/100pF
Noise floor	-68dB
RIAA-equalisation curve accuracy	20Hz-20kHz / max. 0.5dB

Bluetooth

Maximum transmit power per operated frequency band	Class II, 2.5mW (4dBm) per 2.4GHz – 2.48 GHz
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Potential incorrect use and fault conditions

Pro-Ject turntables are manufactured to the highest standards and undergo strict quality controls before leaving the factory. Faults that may possibly occur are not necessarily due to material or production faults but can sometimes be caused by incorrect use or unfortunate circumstances. Therefore the following list of common fault symptoms is included.

The platter doesn't turn although the unit is switched on:

- The unit is not connected to the mains power supply.
- No mains at the socket.
- Drive belt is not fitted or has slipped off.

No signal through one or other channel or both channels:

- No signal contact from the cartridge to the internal tonearm wiring or from that to the arm lead or from that to the phono box or between that and the amplifier. This could be due to a faulty plug, broken wire or solder joint or simply loose plug/socket connection.
- Phono input not selected at amplifier.
- Amplifier is not switched on.
- Amplifier or speakers are defective or muted.
- No connection to the loudspeakers.

Strong hum on phono input:

- No earth connection from cartridge or arm or arm cable to amplifier, or earth loop.

Distorted or inconsistent sound from one or both channels:

- Record player is connected to wrong input of amplifier, or MM/MC switch incorrectly set.
- Needle or cantilever damaged.
- Wrong r.p.m., drive belt overstretched or dirty, platter bearing without oil, dirty or damaged

FCC ID

Federal Communication Commission (FCC) Interference Statement FCC Part 15: 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 a 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 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 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. FCC Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

To maintain compliance with FCC's RF exposure guidelines, this equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Contains FCC ID: 2ARV2-EP3056T

Service

Should you encounter a problem which you are not able to alleviate or identify despite the above information, please contact your dealer for further advice. Only when the problem cannot be resolved there should the unit be sent to the responsible distributor in your country.

Guarantee repairs will only be affected if the unit is returned correctly packaged. For this reason we recommend keeping the original packaging.

Never return a record player without making sure that it is safely disassembled and correctly packaged in the original packaging according to the diagrams on the last page of this user guide. Please remove these parts and pack them separately: lid, counterweight, anti-skating weight and belt.

Fit the cartridge protection cap and the transport lock for the tonearm tube, prior to carefully packaging the record player.

Warranty

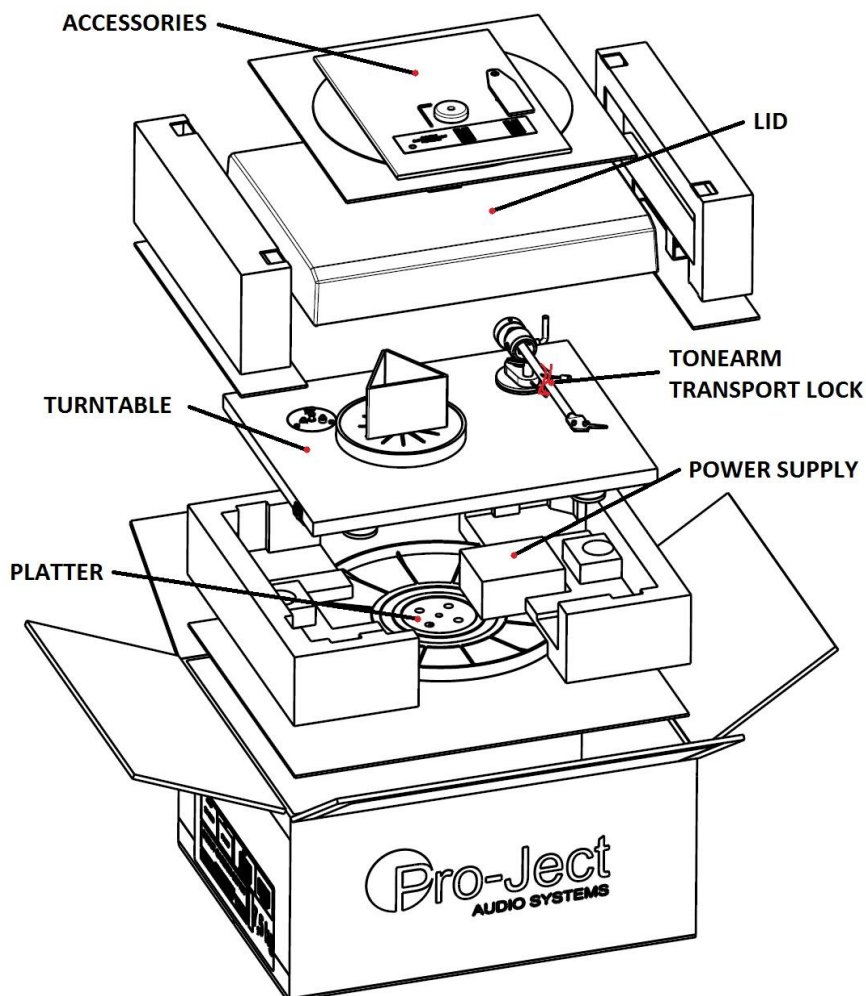


The manufacturer accepts no responsibility for damage caused by not adhering to these instructions for use and/or by transportation without the original packaging. Modification or change to any part of the product by unauthorized persons, release the manufacturer from any liability over and above the lawful rights of the customer.

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The information was correct at the time of going to press. The manufacturer reserves the right to make changes to the technical specification without prior notice as deemed necessary to uphold the ongoing process of technical development.





INSTRUCTIONS FOR USE
Speaker Box 5E Carbon

Dear music lover,
thank you for purchasing a speaker from Pro-Ject Audio Systems.
In order to achieve maximum performance and reliability you should study these instructions for use carefully.



Warning of a hazard for the user, the unit or possible misuse.



Important notice.

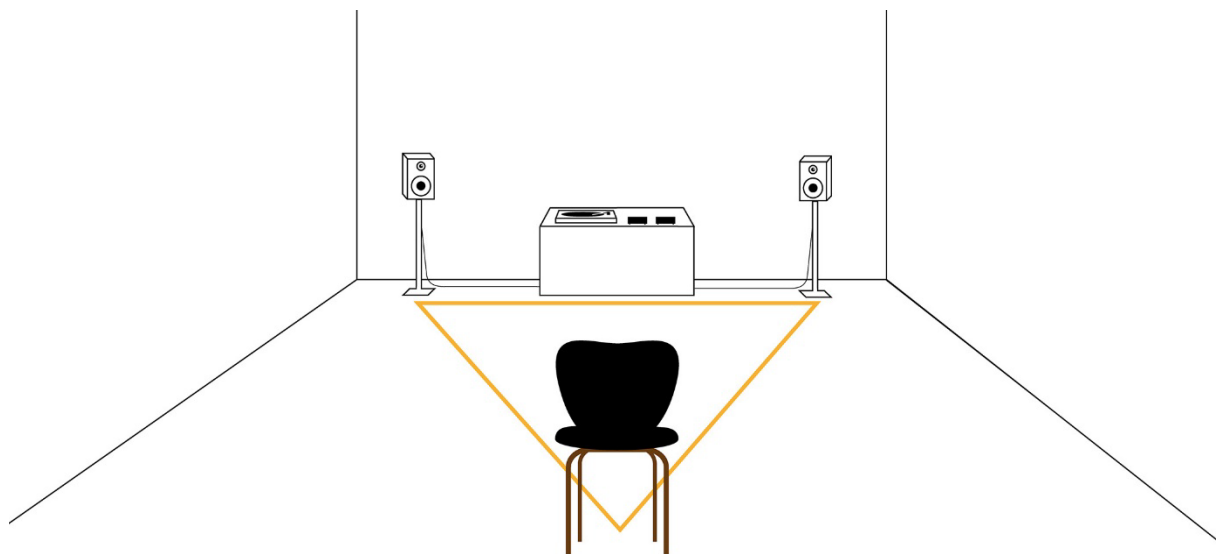
Safety instructions



Avoid spilling liquids on speaker, connection terminal or speaker cable. Never place any item containing liquid, such as a flower vase on or near the device. Never place any naked flame sources, such as lighted candles on or near the speakers. The product shall not be used in damp or wet locations, next to a bathtub, sink, swimming pool or any other similar conditions.

Loudspeaker positioning

Ideally, the loudspeakers should be positioned at least 60 cm away from walls and 1,8 meters apart. The space between the two loudspeakers and the distance to the listeners are important. If loudspeakers are placed too close together or too far apart, stereo images will not be fully developed. In average living rooms, speaker spacing between 2 and 4 meters will usually produce satisfactory results. The listener's distance to the loudspeakers should be equal to the distance between the loudspeakers (equilateral triangle).



The height is also an important factor. The tweeter of the speaker should be on the same height as your ears. If you have the space, we always recommend using speaker stands. If not, we recommend using "Damp it" underneath your speakers. It decouples the speaker from the surface of the furniture, and you can also slightly adjust the height of the speaker.

Angle your speakers inward, so the drivers directly point to your ears. Toeing-in the speakers helps with the perception of the stereo image. You can decrease the toe-in angle to create a wider stereo image. Experiment to find your sweet spot!

Amplifier capacity - power handling

Your loudspeaker system will operate satisfactorily with any good amplifier designed for use with an 4-8 Ohm impedance load. Although loudspeakers are designed to handle high power loadings, you must remember that any loudspeaker that is abused with excessive use of volume, tone controls and graphic equalizers is likely to cause damage to the drive-units. Be careful especially with small amplifiers constantly driven on high power levels as these may be liable to go into „clipping mode“ and distort the signal causing possible damage. If you hear a distorted signal through the loudspeakers, you must reduce the power level.

Connection to your amplifier

We strongly recommend the use of high-quality speaker cables, colour coded or grooved cables are recommended to assist checking polarity, your local dealer should be able to advise you on this point. Always switch OFF your amplifier before making any connections or adjustments to the system. Wire the right-hand channel cable so that the positive (RED) terminal of your loudspeaker is connected to the positive (RED) on your amplifier, and the negative (BLACK) terminal of your loudspeaker is connected to the negative (BLACK) terminal on your amplifier. Repeat the instructions for the left-hand channel. Do NOT connect more than one loudspeaker to one terminal on your amplifier.



Set the volume level to minimum before switching on the amplifier!

Speaker Grills

We recommend operating the speakers without grills, as the delicate treble can spread absolutely freely. Our almost acoustically transparent speaker grilles only serve as protection against outer influences (e.g. pets).

Wall mount

Wall mount brackets are available separately. Please contact your dealer for further information.

Technical specifications Speaker Box 5E Carbon

Enclosure type:	bass reflex via rear firing port
Recommended amplifier power:	10 to 150 watts
Frequency response:	65Hz - 20kHz
Nominal impedance:	4 ohms
Sensitivity:	86dB (1w /1m)
Chassis:	1" silk dome tweeter 5" carbon fiber glass bass/mid
Dimensions H x W x D:	270 x 165 x 220 mm
Weight:	4,76 kg each

Service

Should you encounter a problem which you are not able to alleviate or identify despite the above information, please contact your dealer for further advice. Only if the problem cannot be resolved there, the unit should be sent to the responsible distributor in your country.

Warranty



The manufacturer accepts no responsibility for damage caused by not adhering to these instructions for use. Modification or changes to any part of the product by unauthorized persons release the manufacturer from any liability over and above the lawful rights of the customer.

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Waste from Electrical and Electronic Equipment (WEEE): This directive mandates the collection and recycling of electronics and component materials in order to reduce the amount going to landfills. Outside North America, when the user decides to discard this product, it must be sent to a separate collection facility for recycling. Please contact your point of purchase for more details.



Bedienungsanleitung
Speaker Box 5E Carbon

Wir bedanken uns für den Kauf eines Lautsprechers von Pro-Ject Audio Systems.



Warnt vor einer Gefährdung des Benutzers, des Gerätes oder vor einer möglichen Fehlbedienung.



Besonders wichtiger Hinweis

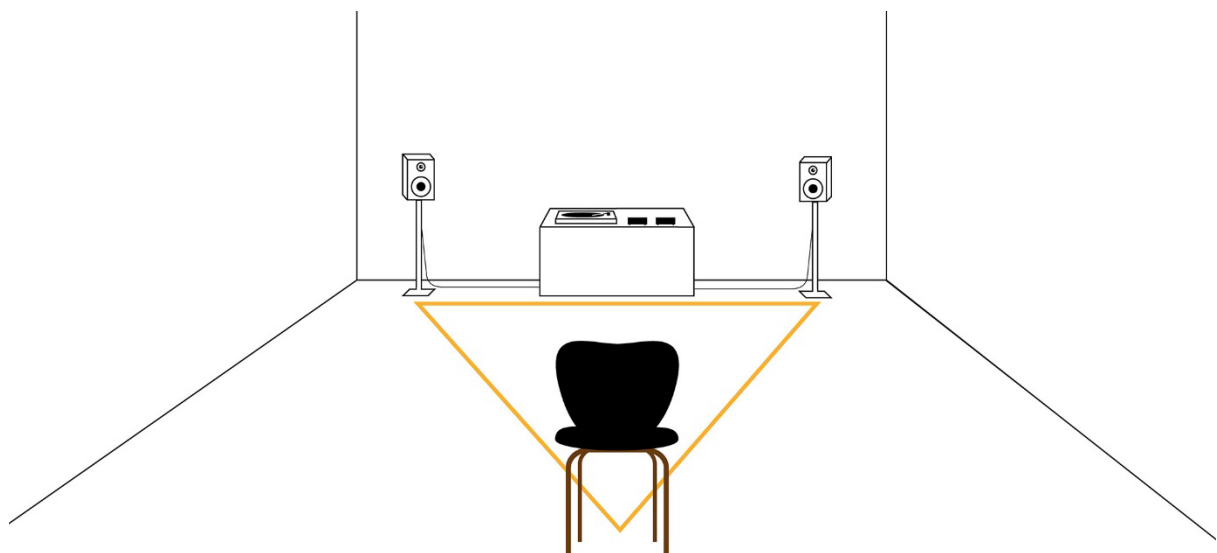
Sicherheitshinweise



Vermeiden Sie es, Flüssigkeiten auf den Lautsprecher, die Anschlussklemmen oder das Lautsprecherkabel zu verschütten. Stellen Sie niemals Gegenstände, die Flüssigkeit enthalten, wie z.B. eine Blumenvase, auf oder in die Nähe des Geräts. Stellen Sie niemals offene Flammen, wie z.B. brennende Kerzen, auf oder in die Nähe der Lautsprecher. Das Produkt darf nicht an feuchten oder nassen Orten, neben einer Badewanne, einem Waschbecken, einem Schwimmbad oder unter ähnlichen Bedingungen verwendet werden.

Lautsprecherpositionierung

Idealerweise sollten die Lautsprecher mindestens 60 cm von Wänden und 1,8 Meter voneinander entfernt sein. Wichtig ist der Abstand zwischen den beiden Lautsprechern und der Abstand zu den Zuhörern. Wenn Lautsprecher zu nah beieinander oder zu weit voneinander entfernt aufgestellt werden, kommt es nicht zur vollen Entfaltung des Stereobildes. In durchschnittlichen Wohnzimmern führt ein Lautsprecherabstand zwischen 2 und 4 Metern normalerweise zu perfekten Ergebnissen. Der Abstand des Zuhörers zu den Lautsprechern sollte gleich dem Abstand zwischen den Lautsprechern sein (gleichseitiges Dreieck).



Auch die Höhe ist ein wichtiger Faktor. Der Hochtöner des Lautsprechers sollte sich auf der gleichen Höhe wie Ihre Ohren befinden.

Wenn Sie genügend Platz haben, empfehlen wir immer die Verwendung von Lautsprecherständern. Wenn nicht, empfehlen wir die Verwendung von „Damp it“ unter Ihren Lautsprechern. Dadurch wird der Lautsprecher von der Möbeloberfläche entkoppelt, zudem lässt sich der Lautsprecher leicht in der Höhe anpassen.

Drehen Sie Ihre Lautsprecher nach innen, sodass die Treiber direkt auf Ihre Ohren zeigen. Das Hineindrehen der Lautsprecher hilft bei der Wahrnehmung des Stereobildes. Sie können den Winkel verringern, um ein breiteres Stereobild zu erzeugen. Experimentieren Sie, um Ihren Sweet Spot zu finden!

Belastbarkeit

Ihre Lautsprecherboxen können Sie an jedem guten Verstärker mit 4 oder 8 Ohm Anschluss betreiben. Sie sollten wissen, dass Verstärker mit kleiner Wattleistung, die ständig mit voller Leistung betrieben werden, eher Schaden an den Lautsprechern verursachen als Verstärker, die eine hohe Wattleistung haben. Der Grund ist, dass kleine Verstärker, die unrealistisch hoch betrieben werden, möglicherweise „Clipping“ erreichen und so verzerrte Signale an die Lautsprecher weiterleiten. Es kann dabei zu einer Zerstörung der Lautsprecher kommen. Wenn Sie ein verzerrtes Signal aus Ihren Lautsprechern hören, sollten Sie sofort die Lautstärke „Volume“ niedriger stellen.

Kabel & Anschluss

Schalten Sie den Verstärker aus, bevor Sie die Kabel verbinden. Verbinden Sie den rechten Kanal so, dass der rote Anschluss am Lautsprecher mit dem roten Verstärker-Anschluss verbunden wird. Dann verbinden Sie den schwarzen Anschluss am Lautsprecher mit dem schwarzen Anschluss am Verstärker. Für den linken Kanal wiederholen Sie den Vorgang, wie oben beschrieben. Verbinden Sie nicht mehr als eine Lautsprecherbox mit einem Kanal des Verstärkers.



Stellen Sie die Lautstärke auf Minimum, bevor Sie den Verstärker einschalten!

Lautsprecher Abdeckungen

Wir empfehlen, die Lautsprecher ohne Gitter zu betreiben, da sich die empfindlichen Höhen absolut frei ausbreiten können. Unsere nahezu akustisch transparenten Lautsprechergitter dienen lediglich dem Schutz vor äußeren Einflüssen (z. B. Haustieren).

Wandhalterung

Wandhalterungen sind separat erhältlich. Für weitere Informationen wenden Sie sich bitte an Ihren Händler.

Technische Daten Speaker Box 5E Carbon

Gehäuse Typ:	Bassreflex – Öffnung an der Rückseite
Empfohlene Verstärkerleistung:	10 bis 150 Watt
Frequenzgang:	65Hz - 20kHz
Nennimpedanz:	4 Ohm
Empfindlichkeit:	86dB (1W /1m)
Treiber:	1-Zoll Seidenkalotten-Hochtöner 5-Zoll-Carbon-Fiberglas-Bass/Mitteltöner
Abmessungen H x B x T:	270 x 165 x 220 mm
Gewicht:	4,76 kg pro Stück

Im Servicefall

Haben Sie einen Fehler trotz Beachtung obiger Hinweise nicht beheben oder bestimmen können, fragen Sie zunächst Ihren Fachhändler um Rat. Erst wenn der Fehler dort bestätigt wird und nicht behoben werden kann, senden Sie das Gerät bitte an die für Ihr Land zuständige Vertretung:

Audio Trade GmbH
Schenkendorfstraße 29
D-45472 Mülheim an der Ruhr
Tel.: 0208-882 660
E-Mail: service@audiotra.de
Internet: www.audiotra.de

Audio Tuning GmbH
Margaretenstraße 98
A-1050 Wien
Tel.: 01-544 85 80
E-Mail: office@audiotuning.at
Internet: www.project-audio.com

Lakeside Audio SA
Bahnhofstrasse 29
8810 Horgen
Tel.: +41 44 725 90 21
E-Mail: service@lakesideaudio.ch
Internet: www.lakesideaudio.ch

Wir empfehlen Ihnen den Originalkarton aufzubewahren, um jederzeit einen sicheren Transport Ihres Gerätes zu gewährleisten. Nur bei Geräten, die uns im Originalkarton zugehen, werden Garantieleistungen erbracht.

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Soll dieses Gerät nicht mehr genutzt und entsorgt werden, so nutzen Sie in Deutschland und Österreich die hierfür eingerichteten kommunalen Abgabestellen. In Deutschland können Sie auch den individuellen Entsorgungsservice des Vertriebs (Audio-Trade Hi-Fi Vertriebsgesellschaft mbH) nutzen. In der Schweiz kann das Gerät bei einem beliebigen Elektro-/TV-Einzelhändler zur Entsorgung abgegeben werden.

WiiM



WiiM Amp: Stereo Streaming Amplifier

Model: WiiM Amp

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1. INTRODUCTION

At WiiM, our goal is to offer you the simplest and most affordable Hi-Fi, lossless audio systems. Every product we create showcases top-tier design and an intuitive user interface. With our patented audio streaming solution integrated into all our premium products and user-friendly mobile apps, you can effortlessly enjoy music throughout your entire home.

Introducing the WiiM Amp, the heart of your home audio system. Designed to refine the way you experience music, movie, and more, WiiM Amp combines power, versatility, and simplicity like never before. Whether you're an audiophile or a home theater enthusiast, WiiM Amp delivers exceptional sound quality, reliable connectivity, and intuitive control. With support for streaming services, voice assistants, and automatic software updates, it's the amplifier that keeps getting smarter. Elevate your audio experience with WiiM Amp and unlock a world of immersive sound that's tailored to your unique preferences.

It features an ESS Sabre premium DAC, leveraging ESS' patented 32-bit HyperStream DAC architecture to deliver industry-leading low distortion and wide dynamic range. It boasts a Signal-to-Noise Ratio (SNR) of 135 dB (A-wt) and a Total Harmonic Distortion plus Noise (THD+N) of -120 dB across sample rates from 44.1k to 192k, courtesy of its ultra-low noise clock and optimized power and circuit design. Additionally, it features a cutting-edge TI Burr-Brown PCM1861 ADC, which achieves a 110 dB SNR for analog-to-digital conversion, making it the go-to choice for input sources like turntables, MP3 players, or TVs.

Simply add your speaker to the WiiM Amp, and control it using the user-friendly WiiM Home App, popular platforms like Spotify, TIDAL, Amazon Music, or any Chromecast-enabled apps. Voice control is also a breeze through iPhone, HomePod, compatible Echo and Google Home devices, as well as the included voice remote.

Create synchronized groups with HomePods, Echoes, Google Home, AirPlay 2 devices, Alexa-compatible devices, or additional WiiM devices, and play the same music throughout your home or different songs in separate rooms.

Elevate your passive speaker with the smart and amplification capabilities of the WiiM Amp, delivering high-fidelity, gapless music and enhanced TV audio, all encapsulated within the exceptional innovation of WiiM.

TYPICAL USE CASES

The WiiM Amp is designed to simply add your speaker and bring it the wireless streaming capabilities and smart features. Here are a few common use cases for the WiiM Amp:

- I. **Connect and Power your Favorite Passive Speakers:** Connect and power your traditional wired speakers, including bookshelf, floor-standing, in-wall, in-ceiling or outdoor speakers, integrating them into the wireless streaming system for an elevated audio experience.
- II. **Streaming Music and Music Libraries:** Stream music using Apple AirPlay 2, Google Chromecast, Alexa Cast, Spotify Connect or LinkPlay streaming platform, allowing you to access hundreds streaming services such as Spotify, Amazon Music, or Tidal. Plus, stream your personal music library stored on a computer or network-attached storage device for seamless playback.
- III. **Podcasts and Internet Radio:** In addition to streaming music, the WiiM Amp provides access to a wide range of podcasts and internet radio stations. You can browse through different genres, podcasts, or specific radio stations to enjoy on your existing audio system.
- IV. **High-Quality Audio:** It supports bit-perfect, high-resolution audio up to 192k/24-bit and delivers rich, clear, and undistorted sound at higher volumes.
- V. **Multi-Room Audio:** The WiiM Amp is compatible with other 3rd party popular smart speakers and components, or another WiiM/Linkplay device, allowing you to create a whole-home audio system with synchronized music playback in multiple rooms.
- VI. **Smart Home Integration:** The WiiM Amp supports voice control through platforms like Apple Siri, Amazon Alexa or Google Assistant, allowing you to control your music hands-free and integrate with other smart home devices.
- VII. **Vinyl or CD Integration:** If you have a turntable or CD player that you want to incorporate into your WiiM or AirPlay system, the WiiM Amp can connect to the analog or digital outputs of these devices. This enables wireless audio streaming to other speakers via another WiiM or AirPlay compatible device, allowing you to relish the sound throughout your entire home, all in sync.
- VIII. **Home Theater Integration:** Elevate your entertainment experience effortlessly with the WiiM Amp's HDMI ARC port. Plug in your TV and immerse yourself in rich stereo sound for shows, movies, and video games. Craving that extra oomph? Simply add a powered subwoofer to take your audio to cinematic levels. With minimal setup required, the WiiM Amp offers a seamlessly integrated AV system that turns your living room into a home theater paradise.

OTHER DEVICES NEEDED TO USE WIIM AMP

To use the WiiM Amp, you will need a few essential devices and components. Here's a list of what you'll need:

- **Passive Speakers:** The WiiM Amp is designed to connect to your passive speakers such as bookshelf, floor-standing, in-wall, in-ceiling or outdoor speakers. Make sure you have the appropriate speakers in place.
- **Wi-Fi Network:** The WiiM Amp requires a stable Wi-Fi network connection to function. Ensure that you have a reliable Wi-Fi network available in the area where you plan to set up the WiiM Amp. You'll need the Wi-Fi network credentials during the setup process.
- **Smartphone or Tablet:** You'll need a compatible smartphone or tablet (iOS or Android) with the WiiM Home app installed. The WiiM Home app is used for initial setup, configuration, and control of the WiiM Amp.
- **Power Source:** The WiiM Amp needs to be connected to a power source using the included power cable. Ensure that you have an electrical outlet nearby to power the device.
- **Ethernet Cable (optional):** While the WiiM Amp primarily connects to your Wi-Fi network, it also has an Ethernet port. If you prefer a wired connection for added stability, you can use an Ethernet cable to connect the WiiM Amp directly to your router or network switch.

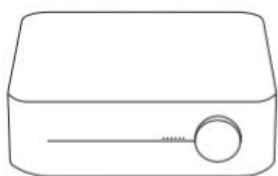
These are the core components required to use the WiiM Amp. It's important to have a pair of speakers that you want to integrate with the Amp, a stable Wi-Fi network, and a compatible device with the WiiM Home app for setup and control.

AUDIO DEVICES WORK WITH WIIM AMP

The WiiM Pro Amp can work with your passive speakers, including bookshelf, floor-standing, in-wall, in-ceiling or outdoor speakers. Besides the network and Bluetooth streaming music, it can play audio from TV, record player and MP3 player.

2. WHAT'S IN BOX

- WiiM Amp
- Bluetooth voice remote
- Quick start guide
- 100~240v AC power cable
- HDMI cable
- RCA audio cable
- Optical audio cable



1



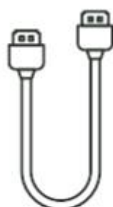
2



3



4



5



6



7

3. TECHNICAL SPECIFICATIONS

Feature	Description
Power Input	100-240V 50/60Hz AC Power
Audio Output Quality	SNR: 98 dB THD+N: 0.002% (-92 dB)
Network	802.11 b/g/n/ac 2.4 GHz and 5 GHz dual band Wi-Fi 10/100M Ethernet
Bluetooth	Bluetooth 5.1, A2DP, AVRCP Support SBC, AAC Codec
Audio Input	HDMI ARC, Optical, RCA
Audio Output	Passive Speaker Terminal Subwoofer Output
Audio Codec	MP3, AAC, ALAC, APE, FLAC, WAV, WMA, OGG, AIFF
Streaming Protocol	AirPlay 2, Chromecast Audio, Spotify Connect, TIDAL Connect, Alexa Cast, DLNA, Qplay 2.0, Squeezelite
Streaming Services in App	Spotify, Amazon Music, Deezer, TuneIn, Tidal, Qobuz, SoundCloud, Pandora, iHeartRadio, vTuner, Napster, Sound Machine, etc.
LED	Three-color status LED - Red, Green, and White Six Volume LED
Controls	Volume knob, play/pause, and more
Weight	1.84 kg (4.1 lbs)
Dimension	7.48" x 7.48" x 2.48" (190 mm x 190mm x 63

	mm)
--	-----

4. LIGHT AND CONTROL



Status LED

Volume LED

Pause / Play / Wi-Fi / Reset
Volume +/-



HDMI ARC

LAN

Line In

Speaker Out

Power

USB

Optical In

Sub Out

CONTROL AND INPUT/OUT INTERFACE

Control / IO Interface	Functions
Power	100-240V 50/60Hz AC Power
Volume Knob	Push down to Play/Pause, network or Bluetooth pairing, or restore to the factory setting Turn clockwise: Increase volume Turn anti-clockwise: Decrease volume
Analog Audio In	Standard RCA
Digital Optical In	Optical audio input up to 192 kHz/24-bit
HDMI ARC	Stereo PCM (Dolby Digital and DTS are not supported)
Sub Out	Connect to the powered subwoofer, 2.0 Vrms
Speaker Out	Passive speakers terminal (L, R), banana plugs
LAN	10/100Mbps Ethernet port

LIGHTS

State	Color	Flashing/Solid
Boot-up	White	Flashing (fast)
OUBE/Ready to Setup	White	Flashing (slow)
BT ready to pair	Green	Flashing (slow)
Connecting to Wi-Fi	White, Green	Flashing (fast)
Connected to network	White	Solid
BT mode, paired	Green	Solid
Aux-in mode	Green	Solid
OTA	White, Green	Flashing (slow)

Restore to factory setting	White, Red	Flashing (slow)
Not connected to the network (and not in setup mode)	Red	Solid
Faulty Error	Red	Flashing (slow)

NOTES:

WGR: Three-color LED, no color mix

W: Wi-Fi as the audio source (product default mode)

G: Audio source from Analog, digital audio input, or BT

R: Error (Not connected to a network or faulty error)

Three modes: Solid, flashing slow, flashing fast

5. HOW TO SET UP

CONNECT AUDIO INPUT PORT ON WIIM AMP

The WiiM Amp features three distinct audio input interfaces: the analog LINE IN, the digital optical (TOSLINK) SPDIF IN, and HDMI ARC.

This versatile device functions as both an amplifier and a network audio transmitter through Wi-Fi or Ethernet. You have the capability to stream analog audio input from sources such as CD players, vinyl players, TVs, or computers to other WiiM devices like WiiM Pro Plus, Pro, or Mini devices, as well as to AirPlay-enabled devices (using AirPlay Cast), either singly or in multiple combinations.

Scenario 1: Analog Audio Source Input (CD Player, Vinyl Player, or Computer)

Connect your source device to the WiiM Amp's LINE IN port using a line-in cable. One of two types' cable as the follows might be used, i.e., RCA to RCA or Aux to RCA.

Connect to WiiM Pro Amp's Line IN port





Connect to CD player, vinyl player, TV or computer

Steps to set up the WiiM Amp with the line-in input:

(Perform step 3/4/5 after WiiM Home App is installed)

1. Insert the line-in cable into the LINE IN port located at the back of the WiiM Amp.
2. Connect the other end of the cable to the AUX or LINE OUT port on your audio source device (CD player, vinyl player, TV, or computer).
3. In the WiiM Home app, navigate to the 'Browse' tab, choose 'Select source on device,' then opt for 'LINE IN' to set it as your audio distribution source.
4. For creating a multiroom music group with your WiiM Amp, access the Devices section in the WiiM Home app. Select the WiiM Amp linked to your LINE-IN device, tap the group button (displaying a "link" icon within a box) in the upper-right corner of the device box, and choose the WiiM Amp you wish to transmit audio to.
5. Once done, the music from the device connected to the WiiM Amp will play across your multiroom music group.

Scenario 2: Digital Audio Source Input (TV or PC)

Connect your source device to the WiiM Amp's SPDIF IN (optical) port using an optical cable or HDMI ARC with an HDMI cable.



Steps to set up the WiiM Amp with the optical or HDMI IN are the same as Line-in, replacing Line-in with Optical IN or HDMI.

Notes:

- To connect your TV to the WiiM Amp using an HDMI cable, please select HDMI port on your TV marked as 'HDMI ARC'. Please note that connecting to other HDMI ports will not transmit sound to the WiiM Amp.
- You can also enable "Autosense" on the WiiM Amp to automatically play your Line-In, Optical-In or HDMI ARC source when WiiM Amp detects a signal. You can enable this feature from the WiiM Home App.
- WiiM Amp has a built-in EQ to process the audio input based on your taste. You can also control the audio volume in the App remotely without adjusting your audio input.
- Some source devices may require a preamp. For example, some turntables do not have a preamp built-in, so you will need to connect your turntable to an external preamp and then connect the preamp to WiiM Amp.

CONNECT SPEAKER OUT PORT

The WiiM Amp features one pair of passive speaker terminals (shown in figure below) and a separate subwoofer out to connect to powered subwoofer. You can output audio to speaker terminals in stereo or dual mono mode.

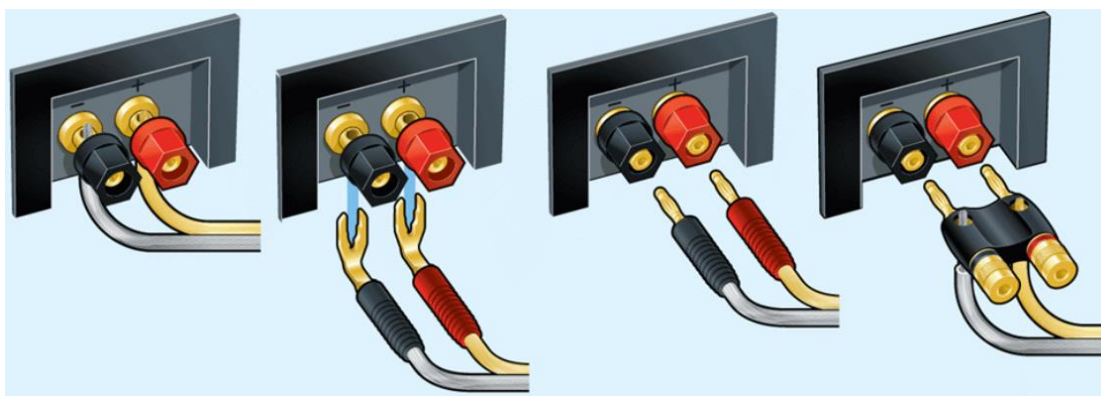
Setting Up WiiM Amp Audio Output:

1. Depending on your preferred audio equipment, select the appropriate connection method to your passive speaker: Banana plugs (see figure below) or straight wired connection. Banana plugs are recommended for the best sound and more reliable performance.
2. Connect the other end of the speaker wire to your passive speakers.
3. You're now ready to begin playing audio on your speakers.





There are multiple ways to connect speaker wires to your speakers and WiiM Amp, i.e., bare wire, spade connectors, and banana plugs. Here are some connector examples (credit: Crutchfield).



POWER THE WIIM AMP

For optimal performance of your WiiM Amp, please ensure to use the AC power cable that is included with your device. This cable is specifically designed to support a wide range of voltages, accommodating 100-240V AC with a maximum current of 4A. This flexibility ensures that your WiiM Amp can be safely and effectively powered in various locations.

Important Safety Warning: Before connecting the power to your WiiM Amp, it is crucial to first connect your speakers and any other audio ports. This sequence is important to safeguard both your equipment and the quality of your audio experience. By following this procedure, you ensure a safe and efficient setup process for your WiiM Amp.

CONNECT TO YOUR NETWORK WITH THE WIIM HOME APP

You can use Ethernet or Wi-Fi to connect WiiM Amp to your network. Before the setup, please download the WiiM Home App. If you want to use the Wi-Fi to connect your WiiM Amp, please have your network password ready.

- **DOWNLOAD THE WIIM HOME APP**



- **Wi-Fi OR ETHERNET SETUP**

- Power on the WiiM Amp and wait 30 seconds until it fully boots up.
- Open the WiiM Home App.
- Click on the device you want to configure.
- Select the network and enter the correct network password. (Ethernet doesn't have this step)

If you use an **iOS system**, you can also use Apple Wireless Accessory Configuration (WAC) protocol or Home App to set up the device.

- **SETUP with Apple WAC**
 - Power on WiiM Amp and wait 30 seconds until it fully boots up.
 - Open iPhone settings and tap your selected device's name on the WAC setup section
- **SETUP with Apple Home App**

- Tap the Home app located on the home screen of the iOS device.
- Tap the "+" button located at the top-right corner of the screen.
- Tap "Add Accessory."
- Tap "Don't Have a Code or Can't Scan?"
- Tap your selected device, which **MUST** be listed under "Nearby Accessories."

FILL YOUR HOME WITH SOUND

Immerse yourself in your favorite music and radio stations through seamless Wi-Fi or Bluetooth streaming. With multiple WiiM devices, enjoy music throughout your entire home. Alternatively, connect stereo components like an amplified turntable, CD player, or MP3 player, and simultaneously cast music to multiple WiiM Amp, Pro Plus, Pro, Mini connected speakers, or AirPlay compatible devices via AirPlay Cast.

Expand your audio experience by grouping with AirPlay 2-enabled devices, Amazon Echo, or Google Home, creating a synchronized whole-home audio setup across multiple rooms. Note that grouping with non-WiiM or LinkPlay devices requires the respective apps like Alexa or Google Home app.

When using Amazon Echo or Google Home devices in conjunction with your WiiM Amp, it's essential to understand the specific capabilities and limitations of this setup. When grouping with Amazon Echo or Google Home devices, the WiiM Amp primarily functions as an audio receiver, playing multiroom audio with Echo or Google Home devices.

It's important to note that the WiiM Amp cannot transmit its physical audio inputs, such as those from Line-In, HDMI ARC or Optical-In connections, to non-WiiM devices or devices that do not support AirPlay, including Amazon Echo and Google Home devices, over Wi-Fi.

However, the WiiM Amp is capable of transmitting its audio input to AirPlay-compatible speakers. This includes popular options like the Apple HomePod, Sonos speakers, and other devices supporting AirPlay technology.

By understanding these specific functionalities, you can optimize your use of the WiiM Amp in a smart home environment, ensuring seamless integration with your preferred devices.

AUDIO OUTPUT VIA BLUETOOTH OUT

You can use the WiiM Amp as a Bluetooth source device, enabling seamless pairing with your Bluetooth speakers or headsets.

Please follow the steps below to pair with your Bluetooth audio devices:

- 1) Launch the WiiM Home App on your iOS or Android device.

- 2) Select '**Device**' Tab and tap the gear icon for device settings.
- 3) Select the '**Audio Output**' setting and opt for '**Bluetooth**' to establish a connection with an external Bluetooth receiver, such as an amplifier or speaker.
- 4) Start playing music.

AUDIO OUTPUT VIA AIRPLAY CAST

You can use the WiiM Amp as an AirPlay source, seamlessly connecting with AirPlay-enabled speakers like the HomePod.

Here's how to set up AirPlay Cast step-by-step:

- 1) **Launch WiiM Home App:** Open the App and tap the 'Device' tab.
- 2) **Access Device Settings:** Select your WiiM device, then tap the Gear Setting icon to access the device-specific configurations.
- 3) **Navigate to Audio Output:** Go to 'Audio Output' to configure WiiM Amp's output.
- 4) **Select AirPlay Receiver:** Choose the 'AirPlay Receiver' and tap the 'Connect' to pick your casting device.
- 5) **Choose Your Device:** A list of available AirPlay 2-enabled devices will appear. If your desired speaker isn't listed, tap the 'Refresh' icon to update your device list.
- 6) **Select Your Receiver:** Pick your AirPlay 2 receiver, even multiple devices.
- 7) **Play Your Audio:** Finally, select your preferred audio and hit 'Play'.

6. VOICE CONTROL

With voice control, you can navigate and interact with your device to search, play, stop, or skip music and more.

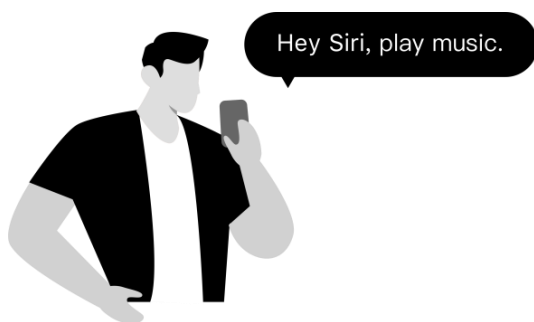
When voice control is configured, you can speak commands as you would act by touch.


WORKS WITH ALEXA

Download the Amazon Alexa App and turn on Amazon devices or 3rd party Alexa built-in devices.

- Setup your Amazon account for your WiiM device
- If your WiiM device is not logged into your Amazon account in the WiiM Home App,
- Open WiiM Home App, click "Browse -> Amazon Alexa -> Sign in to Amazon."
 - Log in to your Amazon account
- Open the Amazon Alexa app
 - Tap the "Devices" at the bottom of the page.
 - Tap the "+" in the top right corner.
 - Tap "Combine speakers," then select "Multi-room music."
 - Select the configured Echo or other Amazon devices and the configured WiiM Amp device
 - Click "Next" and choose the group name (i.e., Bedroom)
 - Amazon Alexa app prompts that the group has been created.
 - Try "Alexa, play some music in the Bedroom" for the multi-room audio with Echo.
- Or
- Choose the WiiM device as the preferred speaker. Thus, you don't need to say your device name when using Alexa.

WORKS WITH SIRI



- Configure one to more devices
- Open a music app (like Apple Music) and select a track to play
- Tap .
- Select your speaker/speakers or Home Pod
- Say “Hey Siri, stop the music/Play music” on your phone or HomePod

WORKS WITH GOOGLE VOICE ASSISTANT

Let’s assume you’ve set up your Google Home and WiiM Amp separately. Now, you must link them together in the Google Home app for Android or iOS:

- Open the Google Home app, and you will find the WiiM Amp enabled as a Chromecast audio device under “Local devices.”
- Tap the name of the WiiM Amp and enter the device control UI.
- Tap the “Add to a room” button under the volume circle to add WiiM Amp to one room.
- You can use voice to control the WiiM Amp with your Google Home or Android devices.



7. DIRECT CONTROL VIA YOUR FAVORITE APP

You can stream from your favorite apps directly to your WiiM Amp with the following approaches.

Depending on your mobile devices and music service, there may be multiple ways to stream from your music app to WiiM devices. I.e., if you use Spotify App on iOS device, you can use either Spotify Connect or AirPlay 2. However, Spotify Connect gives you better audio quality compared with AirPlay 2 and liberate your phone for other tasks.

SPOTIFY CONNECT

Spotify Connect is a way of playing Spotify through your wireless-compatible device over Wi-Fi. That means you can play your favorite tunes anywhere in the house without the need for convoluted Bluetooth pairing between devices whenever you want to listen to music.

Spotify Connect works from smart phone, tablet or PC that functions as a remote control for Spotify. Both free and premium account are supported. Go to [Spotify.com/connect](https://www.spotify.com/connect) to learn more. It's the best way to play Spotify on WiiM device giving the best possible audio quality and streaming experience.



The Spotify Software is subject to third-party licenses found here:
<https://www.spotify.com/connect/third-party-licenses>

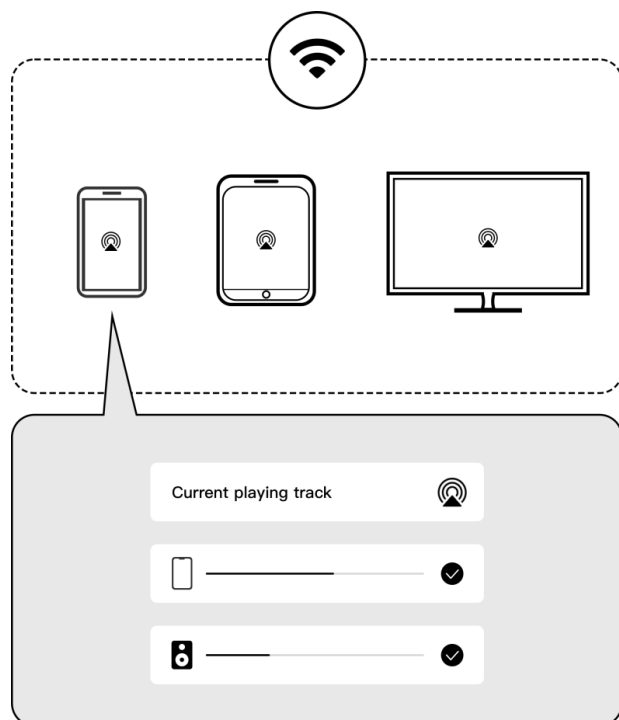
To use Spotify Connect with multiroom or stereo pairing, you can first group multiple WiiM devices on WiiM Home App then stream Spotify to the grouped devices. The group name is the same as the name of master device (i.e., the first device showing in the device list for the group).

AIRPLAY 2

WiiM device turns your speaker into an AirPlay 2-enabled speaker to stream the music you love from iOS, Mac, and PC devices or stream audio from Apple TV. It's an easy and affordable way to connect your Apple devices to your favorite audio equipment and upgrade to an AirPlay 2 receiver.

[AirPlay 2 lets you stream music from your iOS, MAC, PC, and Apple TV device to more](#)

than one product to create a multiroom audio experience over Wi-Fi.




NOTES:


- To use AirPlay 2, you need an Apple device running iOS 11.4 or later.
- Your Apple device and WiiM device must be connected to the same Wi-Fi network.
- For more information about AirPlay 2, visit: <https://www.apple.com/airplay>

You can either start the AirPlay 2 streaming from the music App or the iOS control center. The steps are shown below for both cases.

STREAM AUDIO FROM THE CONTROL CENTER

1. On your Apple device, open the Control Center.
2. Tap and hold the audio card in the top-right corner of the screen, then tap the AirPlay icon .
3. Select your WiiM device.

STREAM AUDIO FROM AN APP

1. Open a music app (like Apple Music) and select a track to play.
2. Tap .
3. Select your WiiM device.

TIDAL CONNECT

TIDAL is a global music streaming platform bringing fans closer to artists through unique experiences and the highest sound quality. Stream your favorite music seamlessly from TIDAL App straight to your devices in the highest possible quality.

TIDAL Connect is a feature that allows you to stream music from the TIDAL App to compatible devices. It's similar to Apple AirPlay and Spotify Connect in that it lets users stream music to connected devices from within the App. This means you can use your smartphone or computer as a controller to play music on WiiM device.

WiiM Amp also supports MQA decoder for the TIDAL Connect up to 24-bits/96 kHz and Hi-Res FLAC up to 24-bits/192 kHz if you subscribe to TIDAL Hi-Fi+ tier.

To use TIDAL Connect, you need to launch the TIDAL App on your mobile device. Then find and play a song you like and head to the 'Now Playing' screen. Touch on the 'cast' icon at the top right on the 'Now Playing' screen and select a WiiM device from the list.

AMAZON MUSIC CAST (ALEXA CAST)

Alexa Cast is a feature that allows you to play and control music on any of your Alexa devices from your Amazon Music iOS or Android app. You can discover all your Alexa devices from your music app. Your devices do not need to be on the same Wi-Fi network as your mobile device. You can target any device from anywhere. Once you pick a target device, the music you selected on your App will start playing on the chosen device. You can now follow along on your App. When you tap skip on your App, your device skips to the next track. Your App becomes a remote control for the device.

WiiM Amp is one of the first devices that support Alexa Cast with bit-perfect output up to 192 kHz/24-bit. Thus, you can listen to your Amazon Music Ultra HD directly from the native Amazon Music to WiiM Amp in the highest possible quality.

To use this, please log in to your Amazon account for Amazon Alexa on the WiiM Home App. Also, make sure you have the latest version of the Amazon Music app. Next, on the "Now Playing" screen, you will see a casting icon in the top right. Tapping the icon will bring up the list of all your available Alexa devices for you to select.

Once you have started casting, you can still use voice to control the music playing on the device. You can switch between using your voice and your App based on your convenience. When you want to stop casting to a device and resume playing on your phone, you will have to pull up the device list and tap the disconnect button.

CHROMECAST AUDIO

Chromecast audio lets you instantly stream your favorite music, radio, or podcasts from your favorite Chromecast-enabled apps on the mobile device to your speakers over Wi-Fi. Once you have set up WiiM Amp, you can enable Chromecast from the WiiM Home companion app. Then, open a compatible app on your smartphone or tablet and tap the Cast button. This will allow you to select your WiiM Amp and start streaming audio to it.

Most music apps on both iOS and Android already support Chromecast such as Spotify, Apple Music, TIDAL, Amazon Music, YouTube Music and Deezer. You can also cast any audio from your Chrome browser by selecting 'Menu' > 'Cast'.

Chromecast can also be used for multi-room audio, playing music in sync to multiple speakers from compatible brands and WiiM Amp, using the Google Home app.

DLNA

DLNA stands for Digital Living Network Alliance. It is a trade organization that sets standards and guidelines for home networking devices, including PCs, smartphones, tablets, smart TVs, Blu-ray Disc players, home theater receivers, and media streamers, among others. When a DLNA certified device is added to a home network, it can automatically communicate and share media files with other connected DLNA products on the network.

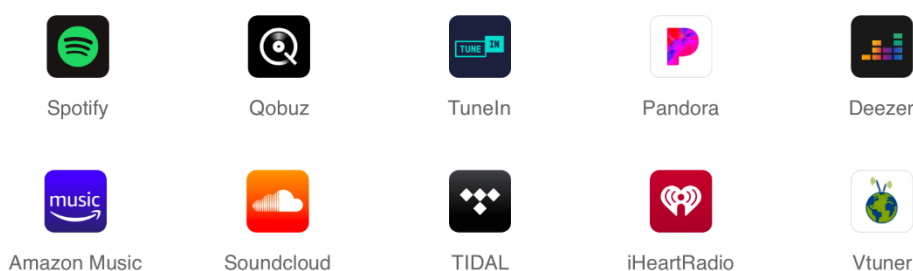
WiiM Amp is the DLNA digital media render. When it's connected to the same network as your other DLNA devices or apps, it appears in the menus of other networked components. Your computer and other media devices discover and recognize the WiiM Amp without any setup.

You can control the WiiM Amp from other DLNA digital media player or controller. You can also play content to the WiiM Amp from other DLNA digital media servers, all without additional setup.

8. ALL MUSIC IN ONE APP

With the free WiiM Home App, you can control your content and devices from one place. We support many popular music streaming services in the App, such as Spotify, iHeartRadio, Tidal, Amazon Prime Music and Unlimited, SoundCloud, Qobuz, Pandora, Deezer, TuneIn & more to come. You can also play music stored in your mobile device, local network media servers, or personal cloud server.

The App supports the unified search across multiple music services and your local network for artist, track, station, playlist, etc. It's a powerful tool to discover your favorite content from your online and local library.



The WiiM Home App supports equalization (EQ) with two options: 24 EQ presets, a 10-band graphical EQ, and a 4-band parametric EQ. These EQ settings can be assigned to different sources, such as AUX, Optical or HDMI in, online music, or Bluetooth streaming.

The App has twelve music presets that allow you to save your favorite station, playlist, album, etc., and access them later with the preset button on the remote, or the App with one tap.


9. MULTIROOM AND STEREO PAIRING

With the WiiM Amp, it's easy to build your wireless multiroom sound system with other AirPlay 2 speakers, Amazon Echo (or Alexa built-in devices) or Google Home. You can create an even more flexible multiroom sound system with multiple WiiM Amps, Pro Plus, Pros Minis, and your existing audio devices.

LINKPLAY MULTIROOM/STEREO PAIRING

With our proprietary multiroom scheme, all types of audio input, including Wi-Fi, BT, analog Line in, or digital SPDIF in, can be used as the audio source for the multiroom system.

In addition, you can group two speakers connected with WiiM devices as a stereo pair for a wider, more immersive sound stage. It supports all four input options too. Thus, it can work with almost every music listening option.

- Configure two or more devices.
- Open WiiM Home App.
- Select the device and click the plus sign in the upper right corner “+”
- Select the other WiiM device, click “Done”
- Click the LR icon “- Select Browse tab, choose your music to play.

AMAZON ALEXA MULTIROOM

TIP: Download Amazon Alexa App and get ready with Echo or other Amazon devices. For detailed steps please refer to 6.1.

Since the WiiM Amp is an Alexa Cast audio receiver, not a transmitter, it can't transmit the Line-in, HDMI, or Optical-in audio to other Alexa-enabled devices such as Echo.

MULTIROOM WITH CHROMECAST AUDIO DEVICES

You can group WiiM Amp with other Google Home or Chromecast audio enabled devices to play the same music on all devices via the Google Home App.

- Enter Google Home App, tap the “+” in the top left corner
- Tap “Create speaker group” to create a speaker group
- Select the devices that are in the same network
- Give a group name
- Stream music to the group

Since the WiiM Amp is a Chromecast audio receiver, not a transmitter, it can't transmit the Line-in, HDMI ARC, or Optical-in audio to other Chromecast audio devices such as Google Home.

10. AUDIO INPUT VIA LINE IN OR SPDIF IN

Unlock the full potential of the WiiM Amp by employing it as a network audio transmitter via Wi-Fi or Ethernet. You can seamlessly stream analog or digital audio input from devices like CD players, vinyl players, TVs, or computers to other WiiM connected devices, or AirPlay compatible speakers such as HomePod or Sonos.

To set up your WiiM Amp with Line-IN:

1. Insert the line-in cable into the LINE IN port on the WiiM Amp's rear.
2. Connect the other end of the cable to your record player.
3. In the WiiM Home app, navigate to 'Browse' tab > Select source on device > LINE IN, and designate LINE IN as the audio source.
4. Form a multiroom music group with your WiiM Amp. In the WiiM Home app, go to Devices and choose the WiiM Amp linked with your LINE-IN device. Tap the group button (depicted by a "link" icon within a box) at the upper right corner of the device box. Select the desired WiiM Amp for audio transmission.
5. To cast audio to a wide array of AirPlay 2-enabled devices, please select from the list of the AirPlay receivers on "Now Playing" UI or device settings.

Upon completion, the music from the connected device will play across your multiroom music group.

You can follow the same procedure using the SPDIF input port of the WiiM device if your source device offers a digital audio output via SPDIF.

Additionally, you can enable the "Autosense" feature on the WiiM device, allowing it to automatically play your Line-In, HDMI ARC, or Optical-In source upon detection of a signal. This feature can be activated within the WiiM Home App.

The WiiM device features a built-in EQ to tailor audio input to your preferences. Moreover, you can control audio volume remotely through the app, eliminating the need to adjust the audio input directly.

Note that certain source devices may require a preamp. For instance, some turntables lack a built-in preamp, necessitating connection to an external preamp before linking to the WiiM Amp.

11. AUDIO OUTPUT VIA SPEAKER OUT

The WiiM Amp features one pair of passive speaker terminals and a separate subwoofer out to connect to powered subwoofer. You can output audio to speaker terminals in stereo or dual mono mode.

Setting Up WiiM Amp Audio Output:

1. Depending on your preferred audio equipment, select the appropriate connection method to your passive speaker: Banana plugs or straight wired connection. Banana plugs are recommended for the best sound and more reliable performance.
2. Connect the other end of the speaker wire to your passive speakers.
3. You're now ready to begin playing audio on your selected output devices.

Audio Output Via BT Out (BT sourcing mode):

- Open the WiiM Home App on your iOS or Android device.
- Select Device Tab, and tap the device setting gear icon.
- Tap the Audio Output setting and select Bluetooth to connect to an external Bluetooth device (such as an amplifier or speaker)
- Start playing music.

12. STREAM AUDIO WITH BLUETOOTH

With Bluetooth wireless technology, you can stream tunes from various devices like smartphones, tablets, TVs, and laptops. To start streaming, first pair your device with the WiiM Amp.

Simple Pairing Process:

- **Manual pairing:** To pair your device manually, simply press and hold the volume knob on the WiiM Amp for 3 seconds to initiate pairing mode.
- **App-Assisted Pairing:** If your WiiM Amp is connected to your network, you can enable the Bluetooth pairing directly from the WiiM Home App. Just navigate to the 'Browse' tab and select the 'Bluetooth' as your input source. In this case, if there's no device connected to the WiiM Amp, the App will initiate pairing mode for WiiM Amp automatically.

The Bluetooth feature is compatible with A2DP and AVRCP profiles, and supports both SBC and AAC codecs.

13. ADVANCED FEATURES

FIRMWARE UPDATES

- WiiM Amp updates automatically when connected to your Wi-Fi network.
- Upgrades happen from 2:00-5:00 a.m. in your time zone. During the silent upgrade, there will be no sound and no indication. Upon opening the App, you will see the latest updates made to WiiM Amp.

USE ETHERNET INSTEAD OF Wi-Fi

When an Ethernet cable is connected, the WiiM Amp will automatically switch off Wi-Fi to use the Ethernet network. To confirm which connection is active, open the WiiM Home App, go to the 'Browse' tab, and scroll down to the 'Select Audio Source' section at the bottom. If Ethernet is being used, it will display 'Ethernet' instead of 'Wi-Fi.'

14. FAQ

If you experience problems with the audio streamer, try these solutions first:

- What can I do if my WiiM Home App can't find the device?
 - Make sure your network is available and the device is powered on properly.
 - Check the LED on the device is solid white.
 - Make sure your device and WiiM Amp are connected to the same Wi-Fi network.
 - Make sure you have the latest version of the WiiM Home App on your device.
 - Try restarting your device, WiiM Amp, and router.
 - If still can't find, reconfigure the device to the network.

- What can I do if my device has no sound?

If you are not getting any sound from your WiiM Amp, make sure you have checked the following things:

- The volume level on the WiiM Amp.
- The physical connections between WiiM Amp and your speakers, are connected correctly and securely.

- Audio dropout or no sound on AirPlay 2?

If you experience no sound with AirPlay 2 but has sound with other service, please check if the progress bar of music app on your Apple device is moving.

- Check network connectivity: Ensure the signal of your WiiM Amp and your streaming device are strong. Move the WiiM Amp and the streaming device closer to your wireless router or access point to improve the signal strength.
- Restart your network devices: Power cycling your network devices, including your router, modem, WiiM Amp, and streaming devices, can often resolve connectivity issues.
- Update firmware and software: Ensure that your WiiM Amp and all devices involved in the AirPlay 2 setup have the latest firmware and software updates installed. Additionally, update your streaming device (e.g., iPhone, iPad, Mac) to the latest version of iOS, iPadOS or macOS.
- Reset the WiiM Amp: As a last resort, you can try performing a factory reset on your WiiM Amp and set it up again.

- What can I do if my device cannot power on normally?
 - Check the device LED status and ensure it's on.
 - Ensure the original power cable is used.

SUPPORT

If you are unable to resolve your issue, please send us a ticket through the App or send us an email about the issue you're experiencing.

WiiM Home App: Settings > Feedback, Settings > FAQ

Website: faq.wiimhome.com/support/solutions

Email: support@wiimhome.com

Product User Guides: wiimhome.com/guides

RESETTING WIIM AMP

Press and hold the play/pause for 10s until you will hear the voice prompts of "Restore to factory setting" and see the light flashing red and white.

Factory reset clears all source, volume, and network settings for WiiM Amp and returns it back to the original factory settings.

15. IMPORTANT SAFETY INSTRUCTIONS

IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use attachments/accessories specified by the manufacturer.
11. Unplug this apparatus during lightning storms or when unused for long periods of time.
12. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as external power supply, power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
13. To reduce the risk of fire or electrical shock, do NOT expose this product to rain, liquids or moisture.
14. Do NOT expose this product to dripping or splashing, and do not place objects filled with liquids, such as vases, on or near the product.
15. Keep the product away from fire and heat sources. Do NOT place naked flame sources, such as lighted candles, on or near the product.
16. Do NOT make unauthorized alterations to this product.
17. Do NOT use in vehicles or boats.
18. Use this product only with the power supply provided.
19. Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
20. Due to ventilation requirements, does not recommend placing the product in a confined space such as in a wall cavity or in an enclosed cabinet.
21. Contains small parts which may be a choking hazard. Not suitable for children under age 3.
22. This product contains magnetic material. Consult your physician on whether this might affect your implantable medical device.
23. Do not place or install the bracket or product near any heat sources, such as fireplaces, radiators, heat registers, or other apparatus (including amplifiers) that produce heat.

16. CE/FCC Statements

RF Exposure Information: To maintain compliance with FCC RF exposure requirements, use the product that maintains a 20cm separation distance between the user's body and the host. MPE limit for RF exposure at prediction frequency and satisfy RF exposure compliance.

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: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

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 a 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.

CE Statement:


RF exposure information: The Maximum Permissible Exposure (MPE) level has been calculated based on a distance of $d=20$ cm between the device and the human body. To maintain compliance with RF exposure requirement, use product that maintain a 20cm distance between the device and the human body.

Do not use the device in the environment at too high or too low temperature, never expose the device under strong sunshine or too wet environment. The suitable temperature for the product and accessories is 0°C-40°C.

Operating frequency range and maximum transmit power

Bluetooth: 2402MHz ~ 2480MHz, <9.11 dBm EIRP
WLAN 2.4GHz: 2412MHz ~ 2472MHz, <20 dBm EIRP
WLAN 5GHz: 5150MHz ~ 5825MHz, <20 dBm EIRP

The device for operation in the band 5150~5350 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

	AT	BE	BG	HR	CY	CZ	DK
	EE	FI	FR	DE	EL	HU	IE
	IT	LV	LT	LU	MT	NL	PL
	PT	RO	SK	SI	ES	SE	UK
	CH	IS	LI	NO	TR		

This product can be used across EU member states.

EU Regulatory Conformance

Hereby, Linkplay Technology Inc. Corporation declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

