

Adept Audio®

AMP200 Digital Signal Processing Amp



Installation Manual

Thank you for buying Adept Audio amplifier. These amplifiers were designed by the same engineers who invented architectural speakers and perfected satellite /subwoofer outdoor sound systems. They're built to install easily and quickly, and to sound fantastic day in and day out for years to come.

This manual provides all the necessary information for installation. If for any reason you experience problems or if you have installation questions, please call us at (888) 982-3378. Hours of operation are 8:00 AM to 5:00 PM (Pacific Time), Monday through Friday.

TABLE OF CONTENTS

Important Safety Instructions.....	3
Warranty.....	5
What's Included.....	6
Tools Needed.....	6
Speaker Cable Choice.....	6
Installing the Speakers.....	7
Connecting and Adjusting the Amplifier	8
Testing the System.....	9
Troubleshooting	10
Specifications	11
Technical Assistance.....	12

IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions
- Keep these instructions
- Heed all warnings
- Follow all instructions
- Do not use apparatus near water
- Clean only with dry cloth
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat
- Do not defeat the safety purpose of polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or third prong are provided for your safety. If the plug does not fit into your outlet, consult an electrician for replacement for the obsolete outlet.
- Protect the power plug from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tipping over.
- Unplug this apparatus during lightning storms or when unused for long periods of time.

- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been dropped or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.
- The equipment shall be used at a maximum temperature of 35 ° Celsius ambient temperature
- Do not open the equipment to reduce the risk of electric shock. For safety reasons it is only allowed to be opened by a qualified service person
- **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. And the apparatus shall not be exposed to dripping or splashing and that no objects filled with liquid, such as vases, shall be placed on the apparatus.
- The MAINS plug is used as a disconnect device and shall remain readily operable.
- The product shall be used in an open area or bench.



WARRANTY

Adept Audio warrants to the original retail purchaser only that this Adept Audio product will be free from defects in materials and workmanship, provided the speaker was purchased from an Adept Audio authorized dealer. If the product is determined to be defective, it will be repaired or replaced at Adept Audio's discretion. If the product must be replaced yet it is no longer manufactured, it will be replaced with a model of equal to or greater value that is the most similar to the original. If this is the case, installing the replacement model may require mounting modifications; Adept Audio will not be responsible for any such related costs.

2-YEAR LIMITED WARRANTY — AMP200

This warranty may not be valid if the product was purchased through an unauthorized dealer. This warranty only applies to the individual that made the original purchase, and it cannot be applied to other purchases. The purchaser must be prepared to provide proof of purchase (receipt). This warranty will not be valid if the identifying number or serial number has been removed, defaced, or altered.

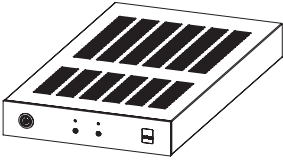
REQUIREMENTS & WARRANTY COVERAGE

All warranties and warranty conditions are subject to change. Please refer to www.adept-audio.com for the latest information.

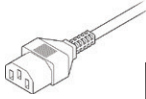
These conditions are not covered by warranty:

- Accidental damage
- Damage caused by abuse or misuse
- Damage caused by attempted repairs/modifications by anyone other than Adept Audio or an authorized dealer
- Damage caused by improper installation
- Normal wear, maintenance, and environmental issues
- Damage caused by voltage inputs in excess of the rated maximum of the unit
- Damage inflicted during the return shipment

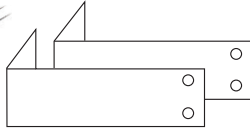
WHAT'S INCLUDED



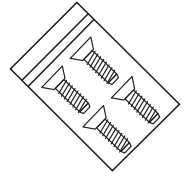
**(1) AMP200
DSP Amplifier**



**(1) AC
Power Cord**



(2) Rack Ears



(8) Screws

TOOLS NEEDED

- Speaker Wire
- Wire Stripper
- Precision Screwdriver

SPEAKER CABLE CHOICE

If the cables will be run through walls, make sure your cables are CL3-rated for in-wall use.

To ensure the best performance from the speakers, use stranded speaker wire of the appropriate gauge for the length of the wire run.

Wire Length	Wire Gauge
0 -100' (0 - 30m)	16
50 - 150' (15 - 45m)	14
Over 100' (30m)	12

INSTALLING THE SPEAKERS

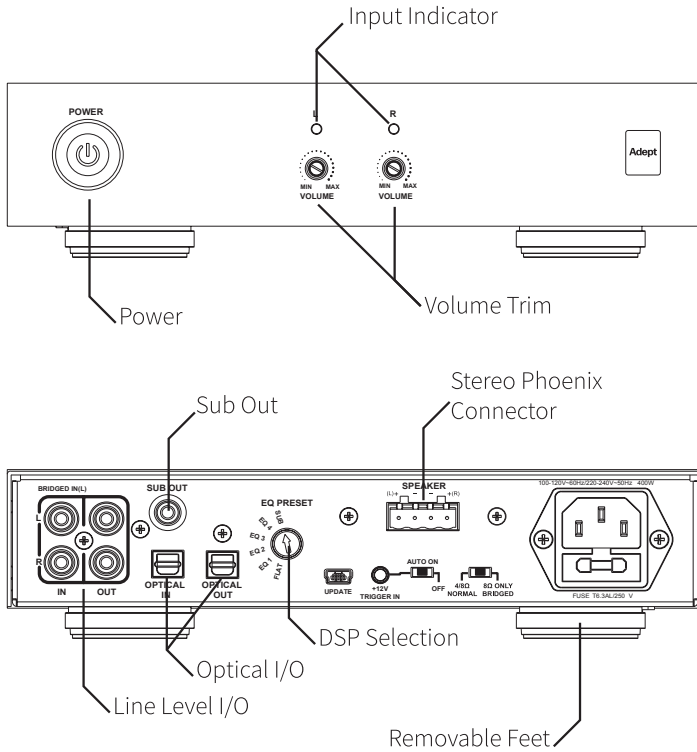
Positioning and installing the speakers and subwoofer

The speakers may be positioned so that sound is evenly dispersed around the area. Typically, best results are achieved by placing the speakers 6 to 15 feet apart.

Follow the installation instructions that were provided with the speakers or subwoofer being used.

Make absolutely sure you always connect positive to positive and negative to negative. And be sure to connect right and left channels correctly.

CONNECTING & ADJUSTING THE AMPLIFIER



Connections

Strip ¼" of jacket off the left and right speaker cables from the speakers, and insert them into the respective location on the Phoenix connector supplied with the amp, making sure to connect left to left, right to right, positive to "+" and negative to "-". Push the Phoenix connector firmly into the back of the amplifier.

Connect either a left & right analog stereo RCA audio cable or an Optical digital cable from your source (typically a multiroom audio controller or an audio streaming device) to the amplifier's left & right analog inputs or the optical input.

EQ Presets

Six factory presets that allow you to optimize the shape of the sound.

EQ PRESET:

Flat – EQ bypassed

EQ1 – High Freq & 0dB <150Hz

EQ2 – High Freq & -2dB <150Hz

EQ3 – High Freq & +2dB <150Hz

EQ4 – High Freq & +5dB <150Hz

Sub – Subwoofer (low frequencies only)

Impedance Switch

The AMP200 has an impedance switch with two settings: 4/8Ω, and 8Ω (bridged). In most cases, the 4/8Ω setting will be used.

Level Controls

The AMP200 has two screwdriver-adjustable level controls on the front panel, for left- and right-channel volume. At first, set these at about 9 o'clock (pointing to the left). Play some modern rock or R&B music that is recorded at a loud level. Now turn the volume control on your sound source (a multichannel audio controller, streamer, etc.) all the way up, then turn up the AMP200's level controls until you reach the maximum volume you want. Make sure you do not set the level controls so high that the speakers distort.

TESTING THE SYSTEM

Get the system playing, then go up to each of the speakers and or the subwoofer to make sure all of them are working. If any one speaker is not working, check the connection for that speaker.

Play a tune with vocals. Stand equidistant from the left/right pair of speakers. The vocals should mostly seem to coming from a point between the left and right speakers. If the vocals sound spacey, like they're coming from all around, check the positive and negative polarity connections for that pair of speakers. Repeat with all the other left/right pairs.

TROUBLESHOOTING

No sound from all speakers: Make sure the amplifier and source device (music streamer, multiroom controller, etc.) are turned on, music is playing, and the volume is turned up. Check the connections between the source device and the AMP200 to make sure they are firmly connected and that the cables are in good condition. Check the connections on the speaker cables between the AMP200 and the speakers to make sure they are securely connected.

No sound from one speaker: Find the cable connection to that speaker and check the connection to make sure it's secure. If the connection seems good, try connecting a spare speaker to see if it works. If the spare speaker works but the installed speaker doesn't, contact the manufacture of the faulty speaker.

No sound from all the right-channel or all the left-channel speakers: Check to make sure the source device is connected to the input of the AMP200. Check the connections on the speaker cable for that channel going from the AMP200 to the installed speaker, for that channel.

Bass is weak: Check the polarity of the speaker cables going from the AMP200 to the installed speaker, and make sure positive is connected to positive and negative to negative on both ends of both cables. If you're in position FLAT, EQ 1 or EQ 2 on the EQ Preset switch on the AMP200, try setting it to EQ 3 or EQ 4 preset.

SPECIFICATIONS

AMP200 Digital 2-Channel Power Amp

- 200 Watts x 2 Channels
- 6 DSP EQ Preset Choices for System Optimization
- Left & Right Analog RCA Input & Loop Output
- Optical Input & Loop Output
- Subwoofer Output (RCA)
- Speaker Connection is a Phoenix Type Connector
- Auto On/Off & +12V Trigger In
- 4/8Ω Normal or 8Ω Bridged
- Standard IEEE Power Cable Included
- Over/Under Voltage Protection
- ½ Rack 1U – System Includes 19" Rack Ears
- 8½ W x 15⅜ D x 2⅛ H

TECHNICAL ASSISTANCE

If you have any questions or concerns about installing or using this product, you can reach us through one of the following methods:

Phone: (888) 982-3378

Hours of operation: 8:00am - 5:00pm (Pacific Time), Mon - Fri

Email: techsupport@adept-audio.com

If you are having technical trouble, please include the model number and briefly explain what steps you took to resolve the problem in your email, or be prepared to answer these questions over the phone. If you are considering returning the product, it's required that you contact Adept Audio prior to any return attempts. This way we can determine if the issue can be resolved without returning the product, or if needed we can provide instructions and support for the return process.

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