



FOUNDATION COLLECTION™

PA15



Installation Manual
PA15 Pre-Amplifier

Table of Contents

Introduction	1
What's Included	2
Panel Overview	2
Specifications	3
Installation & Operation	4
Troubleshooting	6
Technical Assistance	7
Warranty	8
Return Process	9



Introduction

Thank you for purchasing PA15 Preamplifier from Origin Acoustics.

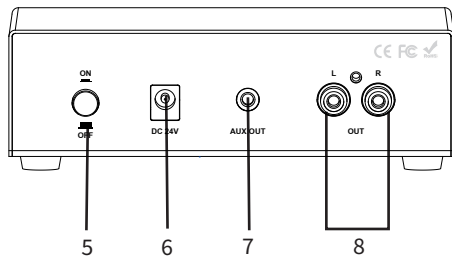
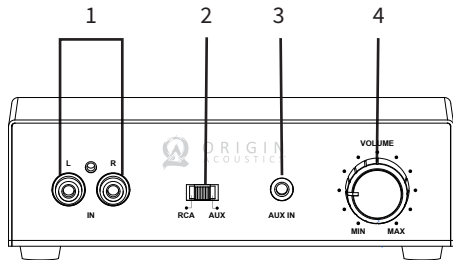
The PA15 can be a valuable tool to application areas such as residential or commercial outdoor, landscape systems. It is a lightweight, compact and portable unit, and can be used to boost input signals up to 18 dBV to achieve more overall output.

What's Included

- PA15 Pre-Amplifier
- AC Adapter
- 3.5mm AUX to RCA cable (1m long)

Panel Overview

1. Unbalanced RCA input
2. Input selector switch
3. Auxiliary input
4. Input volume control
5. On/Off power switch
6. 24V DC Power
7. Auxiliary output
8. Unbalanced RCA output



Specifications

MODEL	PA15
PART	PA15000
Frequency Response	20 Hz - 20kHz, ± 2 dB
Maximum Gain Limit	5 VAC
THD	< .0003% @ 1 kHz
Maximum Output	RCA:9V AUX:9V
Signal To Noise Ratio	114 dB @ Full Level
Gain Separation	80 dB @ 1000Hz
Output Gain	18 dBV
Input Impedance	10k ohms
Output Impedance	600 ohms
Dimensions	1 ¾" x 5 ½" x 4 ¾" (45mm x 140mm x 106mm)
Weight	0.85 lbs (0.39 kg)

*All product specifications are subject to change. Please refer to the dealer portal for the latest information.

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.



Installation and Operation

Step 1

Access the rear of the source (CD/DVD player, computer, etc.), preamp and amplifier(s). Locate the output jacks on the back of the source and the corresponding inputs on the preamp.

Step 2

Connect the source to the preamp using the RCA or Auxiliary connectors. Push in the connectors from the audio outputs on the source to the appropriately-labeled inputs on the preamp (labeled L & R IN or AUX IN).

Step 3

Find the RCA or Auxiliary preamp output cluster on the back of the preamp (labeled L & R OUT or AUX OUT). Find the corresponding RCA inputs (L/R IN) on the back of the amplifier(s).

Plug the connector cables from the preamp outputs to the matching inputs on the amplifier.

Step 4

Connect the preamp to the main power socket with the AC adapter. Press “ON” button to turn the preamp on.

Tips

Shorter speaker cable runs, at the expense of longer RCA runs, allows better power transfer to the speaker.

Warning

Do not make preamp/amp connections with the system turned on.

Items you will need to connect PA15 preamp to amplifier:

- RCA connector cable (not included)
- 3.5mm AUX to RCA cable (included, 1m long)

NOTES

Troubleshooting

If possible, it's often good to try to isolate the problem first. For example, if you're playing a DVD on a television and there's no sound, try connecting an MP3 player to the system to see if that works. If it does work, then the problem is with the television, DVD player, or the cables connecting them. If it doesn't work, the problem will be with the amplifier, speakers, or those cables.

Problem	Possible Cause
No Sound	The volume may be turned down or muted. Check the volume settings on both the amplifier and the television/computer/CD player/etc.
No Sound	Make sure the proper source is selected on the amplifier or receiver.
No Sound	Check the cord connecting the amplifier with the source. The cord may be damaged or plugged into the wrong input or output.
No Sound	Check the wires connecting the amplifier with the speakers. Make sure they're connected properly and not damaged in any way.
Poor Sound Quality	If you hear something like static, or the sound is cutting in and out, check the audio cables. If the problem increases when a cable is being moved, then the cable is most likely faulty or not connected properly.
Poor Sound Quality	Today's audio systems may have several places to adjust the volume, for example your MP3 player may have a volume control, and your amplifier may also have one. Check to be certain that the volume isn't turned up past 80% on any device.
Poor Sound Quality	Try changing sources to be certain that the selection you've chosen is a good quality recording.

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: (844) 674-4461

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

Email: techsupport@originacoustics.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 Origin Acoustics 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.

2 Year Limited Warranty

Origin Acoustics warrants to the original retail purchaser only that this Origin Acoustics product will be free from defects in materials and workmanship, provided the speaker was purchased from an Origin Acoustics authorized dealer.

If the product is determined to be defective, it will be repaired or replaced at Origin Acoustics' 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; Origin Acoustics will not be responsible for any such related costs.

Requirements & Warranty Coverage

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.

***All warranties and warranty conditions are subject to change. Please refer to www.originacoustics.com for the latest information.**

Not Covered by Warranty

- Accidental damage
- Damage caused by abuse or misuse
- Damage caused by attempted repairs/modifications by anyone other than Origin Acoustics 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

Return Process

Before making any return attempts, it is required that you first contact Origin Acoustics. Return product to Origin Acoustics or your dealer, either in person or by mail. It's preferable if the product is returned in the original packaging. If this isn't possible, the customer is responsible for insuring the shipment for the full value of the product.

This warranty is in lieu of all other expressed or implied warranties. Some states do not allow limitations on implied warranties, so this may not apply depending on the customer's location. (For more information, see Magnuson-Moss Warranty Act.)



6975 S Decatur Blvd, Las Vegas, NV 89118 • www.originacoustics.com • 844-674-4461

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