

## Atlas Sound AA120G

# AtlasIED AA120G 6-input 120-watt Mixer Amplifier User Manual

## 1. INTRODUCTION

Welcome to the user manual for the AtlasIED AA120G 6-input 120-watt Mixer Amplifier. This document provides essential information for the proper installation, operation, and maintenance of your device. Please read these instructions carefully before use to ensure optimal performance and safety.

## 2. PRODUCT OVERVIEW

The AtlasIED AA120G is a professional-grade 6-input, 120-watt mixer amplifier designed for various audio applications. It features multiple input channels and a powerful amplifier section to deliver clear and robust sound.

### Key Features

- 120-watt output power
- 6 input channels
- Integrated mixer functionality

### Product Image



This image displays the front panel of the AtlasIED AA120G Mixer Amplifier, showing six individual input level control knobs, a master volume knob, and a power switch. The unit is designed for rack mounting, indicated by the mounting ears on either side.

### 3. SETUP

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#### Unpacking

Carefully remove the mixer amplifier from its packaging. Inspect the unit for any signs of damage that may have occurred during transit. Retain all packaging materials for future transport or storage.

#### Placement

Position the amplifier in a well-ventilated area, away from direct sunlight, heat sources, and moisture. Ensure adequate airflow around the unit to prevent overheating. The unit is designed for rack mounting.

#### Power Connection

Connect the provided power cord to the AC inlet on the rear panel of the amplifier and then to a suitable grounded electrical outlet. Ensure the power source matches the voltage requirements specified on the unit.

#### Input Connections

Connect your audio sources (microphones, line-level devices) to the appropriate input jacks on the amplifier. Refer to the rear panel for specific input types and labels.

#### Output Connections

Connect your loudspeakers to the amplifier's output terminals. Ensure correct polarity (+ to + and - to -) for all speaker connections. Incorrect wiring can lead to poor sound quality or damage to the equipment. The output connector type is RCA.

### 4. OPERATING INSTRUCTIONS

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#### Powering On/Off

To power on the unit, press the power switch located on the front panel. The power indicator light will illuminate. To power off, press the switch again.

## Adjusting Input Levels

Each input channel has a dedicated level control knob on the front panel. Rotate these knobs clockwise to increase the input volume and counter-clockwise to decrease it. Adjust each input to an appropriate level to prevent distortion.

## Master Volume Control

The master volume control adjusts the overall output level of the amplifier. Rotate this knob to set the desired listening volume.

## Signal Indicators

Observe the signal indicator lights (if present) for each channel to monitor input levels. Aim for signal presence without constant clipping (red indicator).

## 5. MAINTENANCE

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### Cleaning

Disconnect the power cord before cleaning. Use a soft, dry cloth to wipe the exterior of the unit. Do not use liquid cleaners or abrasive materials, as these can damage the finish or internal components.

### Ventilation

Regularly check that the ventilation grilles on the top and sides of the unit are clear of dust and obstructions to ensure proper cooling.

### Storage

If storing the unit for an extended period, place it in its original packaging in a dry, temperature-controlled environment.

## 6. TROUBLESHOOTING

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### No Power

- Ensure the power cord is securely connected to both the amplifier and a working electrical outlet.
- Check the power switch position.
- Verify the electrical outlet is supplying power.

### No Sound Output

- Confirm all input sources are connected and active.
- Check speaker connections for correct polarity and secure attachment.
- Verify input level controls and master volume are adjusted appropriately.
- Ensure speakers are functional.

### Distorted Sound

- Reduce input levels to prevent clipping.

- Lower the master volume if the distortion persists.
- Check speaker impedance compatibility with the amplifier.
- Inspect all cables for damage.

## 7. SPECIFICATIONS

Feature	Detail
Model	AA120G
Output Power	120 Watts
Number of Inputs	6
Item Weight	17.06 pounds
Unit Dimensions (H x W x D)	10 x 17 x 5 inches
Shipping Dimensions (H x W x D)	21.5 x 18.5 x 9 inches
Material Type	Vinyl
Power Source	Corded Electric
Connectivity Technology	Analog
Output Connector Type	RCA

## 8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Atlas Sound website or contact their customer service department. Keep your purchase receipt as proof of purchase.