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> [Ibiza AMP300-MKII Professional Stereo Power Amplifier User Manual](#)

Ibiza AMP300-MKII

Ibiza AMP300-MKII Professional Stereo Power Amplifier

User Manual

1. INTRODUCTION

Thank you for purchasing the Ibiza AMP300-MKII Professional Stereo Power Amplifier. This amplifier is designed to deliver reliable and high-quality audio performance with a power output of 2 x 240 Watts. It features versatile input and output options, robust construction, and essential protection circuits to ensure safe and consistent operation. This manual provides detailed instructions for proper setup, operation, and maintenance of your amplifier.

2. SAFETY INSTRUCTIONS

Please read these safety instructions carefully before operating the unit. Keep this manual for future reference.

- **Power Supply:** Connect the unit only to an AC power outlet of the specified voltage. Ensure the power cord is not damaged or pinched.
- **Ventilation:** Ensure adequate ventilation. Do not block ventilation openings. The amplifier is equipped with a cooling fan; ensure it operates freely.
- **Moisture:** Do not expose the unit to rain or moisture to prevent fire or electric shock. Do not place objects filled with liquids, such as vases, on the unit.
- **Heat:** Do not place the unit near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Grounding:** The unit must be properly grounded.
- **Servicing:** Do not attempt to service the unit yourself. Refer all servicing to qualified service personnel.
- **Connections:** Ensure all connections are secure and correct before powering on the unit.
- **Overload Protection:** The amplifier includes electronic protection against short circuits, DC offset, overload, and overheating. Do not attempt to bypass these safety features.

3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- Ibiza AMP300-MKII Professional Stereo Power Amplifier

- Power Cable
- User Manual (this document)

4. PRODUCT OVERVIEW

4.1 Front Panel

The front panel provides access to essential controls and indicators for monitoring and adjusting the amplifier's performance.



POWER AMPLIFIER

Image: Front view of the Ibiza AMP300-MKII Professional Stereo Power Amplifier, showing channel level controls, VU meters, and power switch.

1. **Channel Level Controls:** Independent rotary controls for adjusting the output level of Channel A and Channel B.
2. **VU Meters (LED Indicators):** Multi-segment LED displays indicating the output level for each channel. These help monitor signal strength and prevent clipping.
3. **Power Switch:** Toggles the amplifier's power ON/OFF. An indicator light shows the power status.
4. **Handles:** Sturdy handles for easy rack mounting and transportation.

4.2 Rear Panel

The rear panel houses all input and output connections, as well as the power inlet.



MULTIPLE IN & OUTPUTS

Image: Rear view of the Ibiza AMP300-MKII Professional Stereo Power Amplifier, displaying audio inputs (RCA, 6.35mm Jack) and speaker outputs (Speakon, Terminal Block).

1. **Audio Inputs (RCA):** Stereo RCA input jacks for connecting audio sources such as mixers, preamplifiers, or media players.
2. **Audio Inputs (6.35mm Jack):** Stereo 6.35mm (1/4 inch) jack inputs for alternative audio source connections.
3. **Speaker Outputs (Speakon):** Professional Speakon connectors for secure and reliable connection to loudspeakers.
4. **Speaker Outputs (Terminal Block):** Screw-terminal outputs for connecting loudspeakers using bare wire or banana plugs.
5. **Power Inlet:** IEC power connector for the detachable power cable.
6. **Cooling Fan:** Integrated fan for active cooling to prevent overheating during extended use.

5. SETUP

Follow these steps to set up your amplifier:

1. **Placement:** Place the amplifier in a well-ventilated area. The 2U robust casing is suitable for 19-inch rack

installation. Ensure sufficient space around the unit for airflow, especially around the cooling fan.

- 2. Connect Audio Sources:** Connect your audio source (e.g., mixer, CD player) to the amplifier's input jacks. You can use either the RCA inputs or the 6.35mm jack inputs. Ensure left and right channels are connected correctly.
- 3. Connect Speakers:** Connect your loudspeakers to the amplifier's output terminals. You can use either Speakon connectors or the terminal block outputs. Ensure your speakers have an impedance between 4 and 8 Ohms.
 - For Speakon connections, insert the connector and twist clockwise to lock.
 - For terminal block connections, strip a small amount of insulation from your speaker wire, insert it into the terminal, and tighten the screw. Observe correct polarity (+ to + and - to -).
- 4. Power Connection:** Ensure the amplifier's power switch is in the OFF position. Connect the supplied power cable to the IEC power inlet on the rear panel and then to a suitable AC power outlet.
- 5. Initial Level Setting:** Before powering on, turn both Channel A and Channel B level controls to their minimum (MIN) position.

6. OPERATING INSTRUCTIONS

Once the amplifier is set up, follow these steps for operation:

- 1. Power On:** Turn on your audio source first, then press the power switch on the amplifier's front panel. The power indicator light will illuminate.
- 2. Adjust Volume:** Start playing audio from your source. Slowly increase the Channel A and Channel B level controls on the amplifier until the desired volume is reached.
- 3. Monitor Levels:** Observe the VU meters (LED indicators) on the front panel. Aim for the signal to peak in the green or yellow range. Occasional peaks into the red are acceptable, but constant red indication suggests clipping and can damage speakers. Reduce the level if this occurs.
- 4. Cooling:** The integrated cooling fan will activate as needed to maintain optimal operating temperature. Ensure its vents are not obstructed.
- 5. Power Off:** When finished, first turn down the amplifier's level controls to minimum, then turn off the amplifier, and finally turn off your audio source.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your amplifier.

- **Cleaning:** Regularly wipe the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Ventilation:** Periodically check that the ventilation openings and cooling fan are free from dust and debris. Use a soft brush or compressed air to clean if necessary.
- **Connections:** Occasionally check all audio and power connections to ensure they are secure.
- **Storage:** If storing the amplifier for an extended period, disconnect it from power and store it in a cool, dry place, away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

If you encounter issues, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power	Power cable disconnected; power outlet faulty; amplifier power switch off.	Check power cable connection; try a different outlet; ensure power switch is ON.
No sound output	Audio source not connected or off; input/output cables faulty; speaker cables disconnected; amplifier level controls at minimum.	Verify audio source is ON and connected; check all cables; ensure speaker cables are connected securely; increase amplifier level controls.
Distorted sound	Input signal too high; amplifier overloaded; faulty speaker.	Reduce input signal level from source; lower amplifier level controls; check speaker connections and integrity.
Amplifier overheats	Poor ventilation; excessive load; prolonged high-volume operation.	Ensure clear airflow around the unit; reduce load or volume; allow unit to cool down. The amplifier has built-in overheating protection.
Protection circuit activated	Short circuit in speaker wiring; DC offset; overload.	Immediately power off the amplifier. Check all speaker connections for short circuits. Reduce load. If the problem persists, contact qualified service personnel.

9. SPECIFICATIONS

Detailed technical specifications for the Ibiza AMP300-MKII amplifier.



Image: Dimensions of the Ibiza AMP300-MKII Professional Stereo Power Amplifier, showing a width of 483mm, depth of 242mm, and height of 90mm.

Model Number	17-2150
Brand	Ibiza
Output Power	2 x 240 Watts
Electrical Power (Consumption)	480 Watts
Compatible Devices	RCA, Speakon

Connector Type	RCA, 6.35mm Jack
Material	Metal
Color	Black/White
Item Weight	4.3 Kilograms
Product Dimensions (L x W x H)	50 x 30 x 15 cm (approx. 483mm x 242mm x 90mm for rack mount)
Rack Size	19-inch, 2U
First Available Date	June 15, 2022

10. WARRANTY AND SUPPORT

For warranty information and technical support, please contact your retailer or the manufacturer directly. Keep your proof of purchase for any warranty claims.