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Ibiza AMP-800

Ibiza AMP-800 DJ Power Amplifier User Manual

Model: AMP-800 | Brand: Ibiza

1. Introduction

Thank you for choosing the Ibiza AMP-800 DJ Power Amplifier. This manual provides essential information for the safe and efficient operation of your amplifier. Please read it thoroughly before use and retain it for future reference.
The Ibiza AMP-800 is a powerful stereo amplifier designed for family use and small events, featuring a luxurious black lacquered finish. It offers multiple input and output connections, front handles, silent fan MOSFET technology, and a 10-LED power indicator.

2. Safety Instructions

WARNING: To reduce the risk of fire or electric shock, do not expose this product to rain or moisture. Do not open the casing. Refer all servicing to qualified personnel.

- Ensure the power supply voltage matches the requirements specified on the unit.
- Do not place the unit near heat sources or in direct sunlight.
- Ensure adequate ventilation around the unit to prevent overheating.
- Do not block ventilation openings.
- Protect the power cord from being walked on or pinched.
- Disconnect the unit from the mains during lightning storms or when unused for long periods.
- Do not insert objects into the ventilation slots.
- Clean only with a dry cloth.

3. Package Contents

Upon unpacking, please verify that all items listed below are present and in good condition:

- Ibiza AMP-800 Power Amplifier
- Stereo Headphones
- RCA Connection Cable
- Power Cable

- User Manual (this document)



Figure 3.1: Ibiza AMP-800 amplifier shown with included stereo headphones and RCA connection cable.

4. Front Panel Overview



Figure 4.1: Front view of the Ibiza AMP-800 amplifier, displaying volume controls, power switch, and LED indicators.

1. **Power Indicator LEDs:** 10-LED display showing power output levels for each channel.
2. **Channel Volume Controls:** Rotary knobs for adjusting the output volume of each channel (Left and Right).
3. **Power Switch:** Main switch to turn the amplifier ON/OFF.
4. **Handles:** Integrated handles for easy transport and rack mounting.

5. Rear Panel Overview



Figure 5.1: Rear view of the Ibiza AMP-800 amplifier, detailing connection ports and cooling fan.

1. **AC IN:** Power input connector for the mains power cable (220-240V, 50/60Hz).
2. **Speaker OUT:** Output connections for speakers, including Speakon, XLR, and Screw terminals.
3. **LINE IN:** Input connections for audio sources, supporting both 6.35mm Jack and RCA connectors.
4. **Cooling Fan:** Ensures proper ventilation and prevents overheating during operation.
5. **Serial Number (SN):** Unique identifier for the unit, important for warranty and support.

6. Setup

6.1. Placement

Place the amplifier on a stable, flat surface or mount it in a standard 19-inch rack (2U height). Ensure there is sufficient space around the unit for proper ventilation, especially around the cooling fan at the rear. Avoid placing it in enclosed spaces that could restrict airflow.

6.2. Connecting Audio Sources

Connect your audio source (e.g., DJ mixer, CD player, media player) to the**LINE IN** connectors on the rear panel. The AMP-800 supports both 6.35mm Jack and RCA inputs.

- For RCA connections, use the provided RCA cable to connect your mixer's output to the amplifier's RCA inputs.
- For 6.35mm Jack connections, use appropriate cables to connect your source to the amplifier's Jack inputs.

6.3. Connecting Speakers

Connect your speakers to the **Speaker OUT** connectors on the rear panel. The amplifier offers versatile output options:

- **Speakon:** For secure, high-power connections.
- **XLR:** Professional audio connections.
- **Screw Terminals:** For bare wire connections.

Ensure your speakers have an impedance between 4 and 8 Ohms. Incorrect impedance can damage the amplifier or speakers. Always ensure connections are secure before powering on.

6.4. Power Connection

Connect the power cable to the **AC IN** socket on the rear panel and then to a suitable grounded mains power outlet (220-240V, 50/60Hz). Ensure the power outlet is easily accessible.

7. Operating Instructions

7.1. Powering On/Off

1. Before powering on, ensure all volume controls on the amplifier and connected audio sources are set to minimum.
2. Press the **Power Switch** on the front panel to turn the amplifier ON. The power indicator LEDs will illuminate.
3. To power off, set all volume controls to minimum, then press the **Power Switch**.

7.2. Adjusting Volume

Gradually increase the **Channel Volume Controls** on the front panel to achieve the desired sound level. Monitor the power indicator LEDs; if they consistently show red (clipping), reduce the volume to prevent distortion and potential damage to speakers.

7.3. Using Headphones

The included stereo headphones can be connected to your DJ mixer or other audio source for monitoring. Adjust the volume directly on the headphone cable for comfortable listening levels.

8. Maintenance

8.1. Cleaning

Clean the amplifier's exterior with a soft, dry cloth. Do not use liquid cleaners, abrasive materials, or solvents, as they may damage the finish or internal components. Ensure the unit is powered off and unplugged before cleaning.

8.2. Ventilation

Regularly check that the cooling fan and ventilation openings are free from dust and obstructions to ensure proper airflow and prevent overheating. A clogged fan can lead to reduced performance and potential damage.

8.3. Storage

If storing the amplifier for an extended period, disconnect it from the power supply and store it in a cool, dry place, away from direct sunlight, extreme temperatures, and excessive humidity.

9. Troubleshooting

Problem	Possible Cause	Solution
No power	Power cable not connected; Power switch off; Mains outlet faulty; Internal fuse blown.	Check power cable connection; Ensure power switch is ON; Test mains outlet with another device; If fuse is suspected, consult qualified service personnel.
No sound output	Volume controls at minimum; Input source not connected or faulty; Speaker cables loose or incorrect; Amplifier in protection mode.	Increase volume on amplifier and source; Check input source connections; Verify speaker connections; Power cycle the amplifier.

Problem	Possible Cause	Solution
Distorted sound	Volume too high (clipping); Incorrect speaker impedance; Faulty cables; Input signal too strong.	Reduce volume on amplifier and source; Ensure speaker impedance is 4-8 Ohms; Replace faulty cables; Check input signal level.
Overheating	Blocked ventilation; Excessive use at high volume for extended periods; Ambient temperature too high.	Ensure ventilation openings are clear; Reduce volume or allow unit to cool down; Operate in a well-ventilated area.

10. Specifications

Feature	Specification
Power Output (Max)	2 x 600W (Max)
Power Output (RMS @ 4 Ohms)	2 x 300W RMS
Power Output (RMS @ 8 Ohms)	2 x 200W RMS
Impedance	4 - 8 Ohms
Frequency Response	20 Hz - 20,000 Hz
Signal-to-Noise Ratio	>98 dB
Input Connections	6.35mm Jack, RCA
Output Connections	Screw Terminals, Speakon, XLR
Cooling	Continuous Fan
Finish	Black Lacquered
Rackable	19" / 2U
Power Supply	220-240V, 50/60Hz
Dimensions (L x W x H)	48.2 x 38 x 13.2 cm (19" x 15" x 5.2")
Weight	8.7 kg (19.2 lbs)
Included Headphones Specifications	
Headphone Frequency Response	20 Hz - 20,000 Hz
Headphone Impedance	32 Ohms
Headphone Input Power	150 mW
Headphone Sensitivity	102 dB
Headphone Cable Length	3.9 meters

11. Warranty Information

Specific warranty details for the Ibiza AMP-800 are typically provided at the point of purchase or within separate documentation included with your product. Please refer to your purchase receipt or contact your retailer for information regarding the warranty period and terms.
Always retain your proof of purchase for any warranty claims or service requests.

12. Support and Contact

For technical assistance, troubleshooting beyond the scope of this manual, or service inquiries, please contact your retailer or the official Ibiza support channels. Refer to the product packaging or the brand's official website for the most up-to-date contact information.

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