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› Ibiza Sound Professional PA System User Manual - AMP800-MKII Amplifier, STAR210 Speakers, LEDBAR-ASTRO-RC Lighting

Ibiza Sound AMP800-MKII, STAR210, LEDBAR-ASTRO-RC

Ibiza Sound Professional PA System User Manual

Models: AMP800-MKII Amplifier, STAR210 Speakers, LEDBAR-ASTRO-RC Lighting

INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your Ibiza Sound Professional PA System. This comprehensive package includes the AMP800-MKII professional amplifier, two STAR210 passive speakers, and the LEDBAR-ASTRO-RC lighting stand. Please read this manual thoroughly before setup and use to ensure proper functionality and to prevent damage.



Image: The complete Ibiza Sound PA System, showcasing the amplifier, two passive speakers, and the LEDBAR-ASTRO-RC lighting stand with its remote control and connecting cables.

SAFETY INSTRUCTIONS

- **Power Supply:** Ensure the power supply voltage matches the requirements specified on the unit. Always use a grounded power outlet.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the amplifier to prevent overheating.
- **Moisture:** Keep all components away from water, moisture, and high humidity. Do not operate in rain or wet conditions.
- **Heat Sources:** Avoid placing units near heat sources such as radiators, heat registers, stoves, or other heat-producing appliances.
- **Cables:** Protect power cords from being walked on or pinched. Do not use damaged cables.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Stability:** Ensure speakers and lighting stand are placed on a stable, level surface to prevent tipping.

PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- 1 x Ibiza Sound AMP800-MKII Professional Stereo Power Amplifier (2 x 600W)
- 2 x Ibiza Sound STAR210 Passive Speakers (1000W PMPO / 300W RMS each)
- 1 x MOOVING LIGHT LEDBAR-ASTRO-RC Lighting Stand with 2 PAR projectors and 2 ASTRO BALL projectors
- 2 x Speaker Cables
- 1 x RCA/Jack Audio Cable
- 1 x Remote Control for LEDBAR-ASTRO-RC

SETUP

1. Amplifier Connection (AMP800-MKII)

1. **Speaker Connection:** Connect the two STAR210 passive speakers to the amplifier's speaker outputs. Use either Speakon connectors or the terminal blocks. Ensure correct polarity (+ to + and - to -) for optimal sound.
2. **Audio Source Connection:** Connect your audio source (PC, tablet, smartphone, mixer, etc.) to the amplifier's audio inputs. The AMP800-MKII features RCA and 6.35mm Jack inputs. Use the provided RCA/Jack cable or other suitable audio cables.
3. **Power Connection:** Ensure the amplifier's power switch is in the OFF position. Connect the power cable to the amplifier and then to a grounded electrical outlet.



Image: Front and rear panels of the AMP800-MKII amplifier, illustrating the input/output connections and control knobs.

2. Speaker Placement (STAR210)

- Position the speakers on a stable, flat surface or speaker stands.
- For optimal sound dispersion, place speakers at an equal distance from the listening area and slightly angled inwards.

- Avoid placing speakers directly against walls or in corners, as this can affect bass response.



Image: Detailed view of the STAR210 passive speakers, highlighting their robust construction and dual 10-inch woofers.

3. Lighting Stand Assembly (LEDBAR-ASTRO-RC)

1. Unfold the tripod base of the lighting stand and secure it firmly.
2. Extend the telescopic pole to the desired height (maximum 1.70m) and lock it in place.
3. Attach the LEDBAR-ASTRO-RC unit to the top of the stand. Ensure it is securely fastened.
4. Connect the power cable for the lighting unit to a suitable power outlet.



Image: Exploded view of the LEDBAR-ASTRO-RC components, showing how the lighting bar attaches to the adjustable tripod stand, along with its remote control and power supply.

OPERATING INSTRUCTIONS

1. Amplifier Operation (AMP800-MKII)

- Power On:** After all connections are made, switch the amplifier's power button to the ON position. The power indicator LED will illuminate.
- Volume Control:** Use the 'CH A LEVEL' and 'CH B LEVEL' potentiometers to adjust the output volume for each channel. Start with low volume and gradually increase.
- Input Selection:** The amplifier automatically detects input signals. Ensure your audio source is playing.
- LED Meters:** The LED meters for each channel provide a visual indication of the audio signal level. Avoid consistently peaking into the red zone to prevent distortion.
- Power Off:** Before disconnecting any cables or shutting down your audio source, switch the amplifier's power button to the OFF position.

2. Speaker Operation (STAR210)

- The STAR210 speakers are passive and operate solely through the connected AMP800-MKII amplifier.
- Ensure the amplifier's volume is adjusted appropriately to prevent speaker damage from excessive power.

3. Lighting Operation (LEDBAR-ASTRO-RC)

1. **Power On:** Connect the lighting unit to power. It will typically start in an automatic mode.
2. **Remote Control:** Use the provided remote control to switch between different lighting modes:
 - **Automatic Mode:** The unit cycles through various pre-programmed light patterns and colors.
 - **Sound-Activated Mode:** The lights react to the beat and volume of the music detected by the built-in microphone.
 - **Color Selection:** Select specific colors or color combinations for the PAR projectors.
 - **Effect Control:** Adjust speed or intensity of certain effects.
3. **ASTRO BALL Projectors:** These projectors create rotating multi-color patterns, enhancing the overall light show.



Image: The LEDBAR-ASTRO-RC lighting unit on its stand, demonstrating its vibrant light output and the included remote control for mode selection.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior surfaces of all components. Do not use liquid cleaners or solvents.
- **Amplifier Ventilation:** Regularly check that the amplifier's ventilation grilles are free from dust and debris to ensure proper cooling.
- **Cable Inspection:** Periodically inspect all cables for signs of wear, cuts, or damage. Replace damaged cables immediately.
- **Storage:** When not in use for extended periods, store the system in a dry, dust-free environment.

TROUBLESHOOTING

No Sound from Speakers:

- Check if the amplifier is powered on.
- Verify all speaker cables are securely connected to both the amplifier and speakers, with correct polarity.
- Ensure the audio source is playing and connected correctly to the amplifier's inputs.
- Check the amplifier's volume levels (CH A/B LEVEL).

No Lights from LEDBAR-ASTRO-RC:

- Ensure the lighting unit is properly connected to a power outlet.
- Check if the remote control batteries are functional.
- Try different modes using the remote control.

Distorted Sound:

- Reduce the amplifier's volume levels.
- Check the audio source's output level; it might be too high.
- Ensure speaker cables are not damaged or short-circuited.

SPECIFICATIONS

Component	Specification
Amplifier (AMP800-MKII)	
Output Power	2 x 600W
Inputs	RCA, 6.35mm Jack
Outputs	Speakon, Terminal Blocks
Impedance	4 to 8 Ohm
Cooling	Fan-cooled
Protection	Short circuit, DC offset, overload, thermal
Speakers (STAR210)	

Component	Specification
Max Power (PMPO)	1000W per speaker
RMS Power	300W per speaker
Woofers	2 x 25 cm (10 inch) per speaker
Connectivity	Push terminals, Banana plugs
Dimensions (each)	780 x 320 x 350 mm (approx. 30.7 x 12.6 x 13.8 inches)
Weight (each)	18 kg
Lighting (LEDBAR-ASTRO-RC)	
Light Sources	2 PAR projectors (7 x 3W LEDs: 4 Red, 4 Green, 4 Blue), 2 ASTRO BALL projectors (3 x 3W RGB LEDs)
Modes	Sound-activated, Automatic
Max Height (Stand)	1.70 m
Control	Remote control
General System	
Total Output Power (Peak)	3600 Watt
Color	Black
Total Weight	48 kg
Compatible Devices	PC, Tablet, Smartphone

WARRANTY AND SUPPORT

Warranty: This product is covered by a 2-year availability period for spare parts within the EU, as per manufacturer policy.

Support: For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact your retailer or the official Ibiza Sound customer support. Keep your proof of purchase for any warranty-related inquiries.