



Cobra ACA-008

®

Monitor Headphone Amplifier

The Cobra Acoustic Professional Monitor Headphone Amplifier has been designed to be reliable, cost effective and built for continuous, trouble-free operation under rigorous use. Cobra Acoustics unique degree of commitment to research, quality-control and testing results in continuous improvement of the product. If you need special assistance beyond the scope of this manual, please contact our technical support department.

Warning

To prevent damage to the product or electric shock do not expose this device or its power supply to rain or moisture.

Before Use

- Before you start using this supply, please check if there's no transportation damage. Should there be any, do not use the device and consult your dealer first.
- Important: This device left our factory in perfect condition and well packaged. It is absolutely necessary for the user to strictly follow the safety instructions and warnings in this user manual. Any damage caused by mishandling is not subject to warranty. The dealer will not accept responsibility for any resulting defects or problems caused by disregarding this user manual.
- Keep this booklet in a safe place for future consultation. If you sell the amplifier, be sure to add this user manual.
- To protect the environment, please try to recycle the packing material as much as possible.

Safety Instructions:

Caution: To reduce the risk of electric shock, do not remove the top cover. No user-serviceable parts inside. Refer servicing to qualified service personnel only.

Caution: Remember excessive loud noise can seriously damage long-term hearing, always keep volumes as low as possible.

- To avoid condensation forming inside, allow the unit to adapt to the surrounding temperatures when bringing it into a warm room after transport.
- This unit is for indoor use only.
- Don't place metal objects or spill liquid inside the unit. If a foreign object enters the unit, immediately disconnect the mains power.
- No naked flame sources, such as lighted candles, should be placed on the appliance.
- Keep the unit away from children.
- Inexperienced persons should not operate this device.
- Maximum safe ambient operating temperature is 40 degrees. Don't use this unit at higher ambient temperatures.
- Always unplug the unit when it is not used for a long time or before you start servicing.
- The power supply should always be in perfect condition. Switch the unit immediately off when the power supply cable is squashed or damaged, or there is any damage to the power supply casing.
- In order to prevent electric shock, do not open the cover, there are no user serviceable parts inside.
- In the event of serious operating problems, stop using the appliance and contact your dealer immediately.
- Due to safety reasons it is prohibited to make unauthorized modifications to the unit.
- Always use the power supply that is supplied with the product. If the power supply needs to be replaced always use one with the correct power, voltage and connector.

Description

This is a professional monitor headphone amplifier, suitable for connecting a microphone and stereo line level music source. There are separate microphone and monitor controls, also the stereo input can be switched to be mono if necessary. There is a choice of either a ¼" or a 3.5mm stereo output sockets, so connecting any type of headphone is easy.

Important Precautions & Instructions

Features

- Compact Monitor Headphone Amplifier Ideal for Studio and Stage Applications
- Personal mixer for microphone and mixer.
- Neutrik XLR Microphone Input and Thru Connector with Ground Lift Switch
- Stereo Monitor Input with Dedicated Monitor Level Control and Mono/Stereo Switch.
- High Power Headphone Outputs with 1/4" & 3.5mm Stereo Jack Connectors.
- Includes DC 12 V Power Supply.

Specification

Microphone Input Connector: XLR
 Microphone Impedance: Approx 2k Ω (Balanced)
 Microphone Max Input Level: -18 dBu
 Microphone Gain: 40 dB
 Microphone Bandwidth: 15Hz - 25kHz
 Monitor Input Connector: 1/4" Stereo Jack
 Monitor Gain: 10 dB

Monitor Bandwidth: 10Hz - 80kHz
 Headphone Output: 1/4" and 3.5mm Stereo Jack
 Headphone Impedance: Min. 30 Ω
 Headphone Max Output Level: Approx +10 dBu (60 mW) @ 100 Ω Load
 Power Supply: 12v DC 500mA
 Weight: 0.380 kg
 Dimensions: 104 x 62 x 47mm



Functions

1. 1/4" jack stereo headphone output.
2. 3.5mm stereo jack headphone output.
3. Mono/stereo switch for monitor input.
4. Power LED, lights green when receiving power.
5. Microphone level Control.
6. Monitor Level Control.
7. Monitor input, stereo 1/4" jack.
8. Ground lift switch for the microphone.
9. Microphone thru socket to connect to mixer etc.
10. Balanced microphone input socket.
11. 12 volt power supply connection.

Operation

