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# AUMX4/6 User Manual

## 4/6 Channel Mixers



# Important Precautions & Instructions

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## Cobra Acoustic Line and Microphone Mixer

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:

Read this manual carefully before installing, powering, operating, cleaning or servicing this product.

### Warning

To prevent fire or electric shock, do not expose this device to rain or moisture.

### Before Use

- Before you start using this device, please check if there is any 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 device, 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. Condensation sometimes prevents the unit from working at full performance or may even cause damage.
- 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.
- Don't use in industrial environments and clean the unit regularly.
- Keep the unit away from children.
- Inexperienced persons should not operate this device.
- Maximum safe ambient temperature for operation is 40 degrees. Don't use this unit at higher ambient temperatures.
- Always unplug the unit when it is not in use or before you start servicing.
- The power supply should always be in perfect condition. Switch the unit off immediately when the power supply cable is squashed or damaged, or if 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.

### In The Box

1 x AUMX4 or AUMX6 Mixer

1 x USB Cable

1 x Instruction Manual

The Power supply is supplied separately.

### Description

These are professional and versatile mixers suitable for line or microphones level inputs. The built-in sound card allows direct connection to a PC and a MP3 player provides additional play back features. This feature gives the user the option of using a Bluetooth connection or playback via MP3 files on a USB stick. The built in echo function can be added to the mono channels, giving control over delay and repeat. Each channel has a two way tone control, to fine tune the sound. The mixer is powered by any suitable 5v USB power supply (supplied separately) or via a PC/laptop when connected.

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### Features

- Mono ¼" Jack or XLR Inputs.
- Two Mono(unbalanced) ¼" Jack Output.
- One stereo input via ¼" jack or RCA.
- Individual Level Controls.
- Two Way Tone Controls.
- Ultra Low Noise Components.
- Built in Sound Card.
- MP3 Player with Bluetooth Connectivity.
- Echo Control on Mono Channels.
- Headphone Output.

### PC Connect:

- Make sure switch **24** is in PC mode.
- Make sure there is no USB stick Connected.
- Make sure switch **10** is in USB mode.
- Connect the power USB cable supplied to a PC or Laptop. The built-in sound card allows you to play audio files from the connected device.
- PC will indicate on the display.
- The USB stick input is inactive when switched to this mode.

### USB Stick connection:

- Make sure switch **24** is in MP3 mode, if connected to a PC.
- Make sure switch **10** is USB Mode.
- Use the mode button to select LINE
- Play MP3 files form a USB stick.
- Use the forward and reverse buttons to adjust volume and track number. Short press to change track, long press to adjust volume.
- Use the play button to play/pause and put in record mode. Short press to play and pause, long press to go into record mode. In record mode the mixers output is recorded to the USB stick.

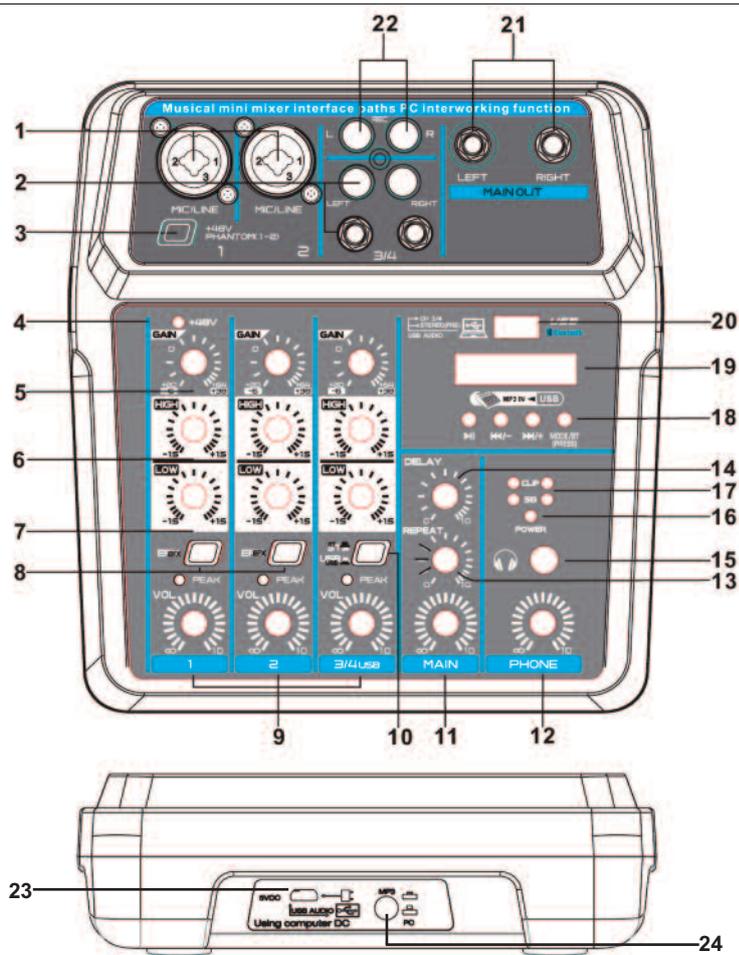
### Bluetooth Connection:

- Switch **24** can be in either position.
- Make sure switch **10** is USB Mode.
- Use the mode button to select BT.
- Look for MIX MP3-BT on your connecting device and connect.
- You can now play audio via a wireless Bluetooth connection.
- Use the forward and reverse buttons to adjust volume and track. Short press to change track, long press to adjust volume.
- Use the play button to play/pause.

### Specification

Line Input Connectors:	1/4" TS
Input Sensitivity:	-60dB MIC, -40dB Stereo
Output Connector:	1/4" TS Unbalanced
Output Voltage:	4v Max
Noise:	-80dB
Power Supply:	5v 2.1 Amp
Dimensions:	175mm x 185 x 55mm
Weight:	512g

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### Functions: Both Mixers are similar, the AUMX6 has two more Mic/Line Inputs

1. Mono microphone or line level input via XLR or 1/4" jack.
2. Stereo line input via RCA or 1/4" jack connections.
3. Phantom power switch. Adds 48 volts to XLR inputs 1 and 2. Primarily for condenser studio microphones.
4. Phantom power LED, when illuminated there will be phantom power on the XLR inputs.
5. Gain controls for inputs.
6. High tone control for each channel
7. Low tone control for each channel.
8. Effect on and off switch for Mic/Line Channels.
9. Channel volume control after tone and effect controls for all channels.
10. Stereo/USB, switches between the stereo jack/RCA inputs and the MP3 player/computer connection.
11. Main volume control.
12. Headphone volume control.
13. Repeat setting for the built-in echo.
14. Delay setting for the built-in echo.
15. Headphone input socket via 3.5mm jack.
16. Power LED is lit when power is received by the mixer.
17. Clip and signal LEDs. The signal LED lights when a signal is detected, and the clip LED lights when the input is being over driven.
18. MP3 player control buttons.
19. Displays MP3 operating and playing status.
20. USB stick input for playing MP3 files and recording the mixers output to the USB stick.
21. Left and right 1/4" jack outputs(unbalanced).
22. Connections to connect to a recording device. Stereo line level on two RCA connections.
23. USB power input. This can be made via the supplied USB cable and a USB 5v power supply or via a computer or laptop. When connecting to a PC or laptop the mixer acts as a sound card for music play back.
24. MP3/PC switch. This switches the internal sound card on and off.  
 When connected to a PC the power is supplied via the PC and the mixer works as a sound card. The USB stick input is not functional when in this mode.  
 If the power is supplied via an external power supply, then it does not matter the position this switch. There will be no sound card option.