



OWNER'S MANUAL

MP 32

32-CHANNEL MICROPHONE PREAMP



Owner's Manual

Contents

1. Safety Notes	5
2. Introduction	6
3. Features	7
4. Installation Guide	8
5. Front Panel Explained	9
6. Rear Panel Explained	10
7. Software Control Panel	11
8. Additional Information	13
9. In the Box	13
10. Technical Specifications	14
11. Antelope Audio Support Resources.....	14

1. Safety Notes



To reduce the risk of electrical shocks, fire, and related hazards:

- Do not remove screws, cover, or cabinet. There are no user serviceable parts inside. Refer servicing to qualified service personnel.
- Do not expose this device to rain, moisture or spillover of liquid of any kind.
- Should any form of liquid or a foreign object enter the device, do not use it. Switch off the device and then unplug it from the power source. Do not operate the device again until the foreign object is removed or the liquid has completely dried and its residues fully cleaned up. If in doubt, please consult the manufacturer.
- Do not handle the power cables with wet hands!
- Make sure the device is switched off when plugging/unplugging it to/from the power source.
- Avoid placing things on the cabinet or using the device in a narrow and poorly ventilated place which could affect its operation or the operation of other closely located components.
- If anything goes wrong, turn off the device first and then unplug the power. Do not attempt to repair the device yourself: consult authorized service personnel or your dealer.
- Do not install near any heat sources such as radiators, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not use harsh chemicals to clean your unit. Clean only with specialized cleaners for electronics equipment.
- Connect all your devices before powering your unit.
- Your unit should always be un-racked when travelling or in a flight case
- The device is designed to operate in a temperate environment, with a correct Operating Temperature of:

0-50 °C, 32-122 °F

2. Introduction

Thank you for purchasing the MP32 from Antelope Audio.

32 Channels of transparent, world-class microphone preamplifiers in a compact 2U rack design. MP32 is the ultimate front-end recording device for both live and studio applications and the perfect companion to Antelope's Orion32 interface.

MP32 is a 32-channel console-grade microphone preamp with integrated software remote control and Antelope Audio's exciting new approach to analog circuit design.

MP32 expands on the 12 mic preamps of Zen Studio in the form of a 32-channel mic preamp housed in only two rack spaces. We designed MP32 to be a perfect match for our top-selling audio interface Orion32, this way ensuring a full transparency of the sound and complete integrity of the signal via the whole chain, from the mic pres through the conversion, recording and playback, all of them characterized by the signature Antelope sound.

Enjoy working with the new MP32!

All the best,
The Antelope Team

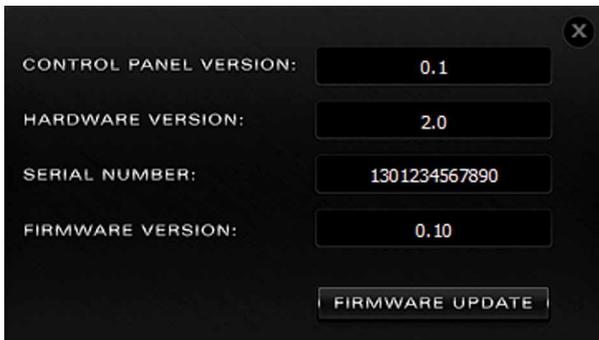
3. Features

- 32-Channel Console-grade Mic Pre @ Line Dual Stage Amplifier Input
- 1-4 /32 Channels Mic Pre @ Line HiZ Dual Stage Amplifier Input
- Independently assignable phantom power
- 4 DSUB-25 connectors (32-channel outs)
- USB Full-Speed interface for software control panel
- Intuitive Control Panel for Windows and Mac OS
- Software Control Panel - Mic Pre Precision Level Adjustment +/-1dB,
- 4 channels Hi-Z control,
- Phantom Power Control 48V

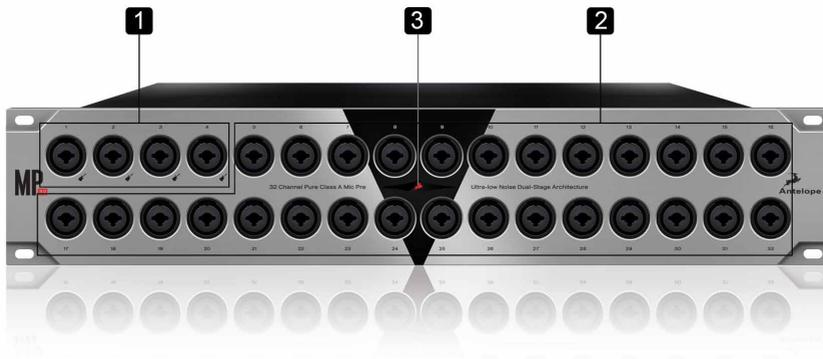
4. Installation Guide

1. Connect to the AC power source via back panel connector and the USB cable to the USB port on your computer. The guest operating system will recognize the new HID compliant device (MP32).
2. Download and install the MP32 software control panel from www.antelopeaudio.com/en/support/downloads. This will enable you to control your device from your computer and select all necessary settings.
3. Open your control panel by double-clicking the icon and follow the device activation procedure.
4. Connect your choice of inputs and outputs to MP32.

Note: Make sure your device has the most recent firmware installed. Check this by selecting the Options panel and clicking on the Firmware Update button. *See picture:*



5. Front Panel Explained



1. 4 HiZ/ Mic Preamp/ Line Inputs

The first 4 Class A mic preamps are switchable line/ HiZ inputs and all feature phantom power over Combo input. HiZ inputs are optimised for musical instruments eg. guitar and bass.

Note: ¼" TRS inputs are for line level signals only. XLR inputs are for mic level signals only.

2. 28 Mic Preamp/ Line Inputs

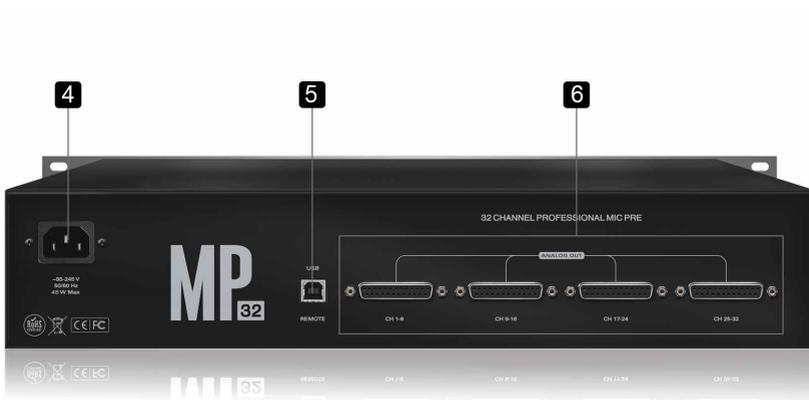
All 28 feature phantom power over Combo inputs.

Note: ¼" TRS inputs are for line level signals only. XLR inputs are for mic level signals only.

3. Power light

The red Antelope shaped power light illuminates when power is present at the AC Power Connection (4) and is connected to a mains electricity supply.

6. Rear Panel Explained



4. AC Power Connection

For use with Antelope's AC power supply only. The AEC connector supports a range from ~95-245V. This enables the device to automatically accommodate mains voltage in every country.

5. USB Full-Speed

MP32 uses USB connector Type B and allows users to connect the MP32's software control panel both on Windows & Mac OS X.

6. 4 x D-SUB 25pin TASCAM Analog Outputs

These connectors enable you to attach breakout cables, each with 8 lines. 32-channels can easily be connected to the Orion32's inputs using a standard double-ended D-SUB 25pin analog cable.

7. Software Control Panel

1



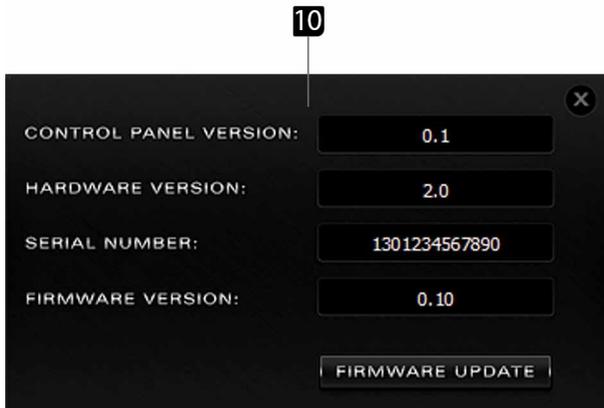
2

The MP32 software control panel allows you to control all the functionality of its hardware. There are two different types of preamp section on the MP32 control panel, one which is HiZ enabled to the first four preamps and the rest of the preamps which control only mic/line levels.



11

1. Standby button
2. Presets 1-3 (To save a new preset, click on the preset while holding the Cmd key on MAC or Ctrl key on PC).
3. Channel Name (double-click to customize)
4. VU meter (modified to emphasize peak and digital clipping)
5. Gain level display – shows current amount of gain on the channel in dB.
6. Channel gain with adjustable 68dB in 1dB steps
7. Independently assignable 48V phantom power switch
8. Mic, Line and HiZ modes selectable via dropdown menu (please ensure that your selection in the drop-down menu matches the type of signal being inputted).
9. Peak meter
10. Options Panel



11. In Standby, the software control panel confirms if the device is connected.



8. Additional Information

Additional information regarding operating systems, audio software and media players will be updated through the support area at www.antelopeaudio.com

9. In the Box

- MP32 32-Channel Microphone Preamp
- Owner's Manual
- Warranty Card
- 4 D-Sub (DB25 Male to Male) Cables, 50cm/1.5FT
- 1 USB Cable
- 1 AC Power Adapter

10. Technical Specifications

Inputs:

Analog Inputs: 32 channels Mic / Line on XLR Combos on the front panel
1-4 of 32 channels are (HiZ) - Instrument selectable XLR Combos on the front

XLR Combos Analog:

Mic (XLR only): 20dBu max balanced @ 2Kohm
Line (¼ only): 29dBu max balanced @ 13K (to gnd)
Hi-z (¼ only): 20dBu max unbalanced @ 1,1Mohm

Outputs

Analog Outputs: 32 x Lines on 4 x D-SUB 25 (32 channels), 26 dBu max balanced @ 50 Ohms

USB I/O: USB 2.0 Full-Speed Type B
For use with the software control panel.

Mic Preamp Gain:

Mic Pre: 5 to 13dB in one 8dB step, 13 to 68dB in 1dB steps
Line: -9 to 20dB in 1 dB steps
Hi-z 4 to 40dB in 1 dB steps
THD + N: 110.5 dB
EIN: -129dBu

Additional Information

Operating Temperature: 0-50°C/32- 122°F
Weight: 6kg/ 13lb approx.
Dimensions (approx.): Width: 482 mm/19"/Rack
Height: 88 mm/3.5"/2U
Depth: 210 mm/8.3"
Power Supply: AC Universal Input 95-264V, 50 or 60Hz
Nominal Power
Consumption: 44 Watts Max

11. Antelope Audio Support Resources

Antelope Audio offers a range of services and support resources for your Antelope hardware, firmware and software control panels.

FAQ

Several categories of frequently asked questions are available on the website:
<http://www.antelopeaudio.com/en/support>

Telephone Support

Phone line is for general inquiries and technical support: +1 734 418 8661
Hours of Operation: 7:00 a.m. - 3:00 p.m. (EST)

Help Desk

A ticketing system ensures a 24-hour response time:
www.antelopeaudio.com/en/support/help-desk

Please note that the device registration you did for MP32 currently does not automatically transfer to our ticketing system and you have to register again on this webpage.

Live Chat

Connect with a customer support agent directly via the website:
<http://www.antelopeaudio.com/en/support>

Click on Antelope Tab on the right-hand side of the webpage

Hours of Operation: 7:00 a.m. - 3:00 p.m. (EST)

Support Documents and Software

A web resource with all device manuals, datasheets and software:
<http://www.antelopeaudio.com/en/support/downloads>

Control Panel Newsfeed

The software control panel for MP32 incorporates a newsfeed at the bottom, which displays all new updates and relevant information:



You Tube Page

Tutorial videos, interviews, user cases and promos for forthcoming products:
<https://www.youtube.com/channel/UCIO-J9ik6SdPP-stEaRkNuw>

Web Blog

Regular blog posts will update you on the latest user cases with the MP32:
<http://www.antelopeaudio.com/blog/en/category/blog-summary/>



***Correct Disposal of This Product
(Waste Electrical & Electronic Equipment)***

(Applicable in the European Union and other European countries with separate collection systems)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.



Antelope

OWNER'S MANUAL

MP

32

32-CHANNEL MICROPHONE PREAMP



WWW.ANTELOPEAUDIO.COM

Version 2.0 / 11.02.2015