

## Support By Phone

**US time:** 00:00 a.m. (midnight) – 08:00 p.m. (CST), Monday – Friday

**European time:** 06:00 a.m. – 02:00 a.m. (GMT), Monday – Friday.

**US Phone Number** (916) 238-1643 / **UK Phone Number** +44 1925933423

## Live Chat

**US time:** 00:00 a.m. (midnight) – 02:00 p.m. (CST), Monday – Friday

**European time:** 06:00 a.m. – 08:00 p.m. (GMT), Monday – Friday.

If you're trying to reach us outside working hours, we advise you to file a ticket in our customer support system or leave a voice message.

## How can we be of help?

## Edge Quadro - User Manual

Modified on: Wed, 24 Oct, 2018 at 10:12 AM





## 1. Introduction

Edge Quadro is the most advanced modelling microphone by Antelope Audio. This stereo mic features two large, dual-membrane condenser capsules and a rotatable head. Delivering four channels for independent processing allows for stereo techniques like M/S, X/Y, Blumlein, and even 3D sound. Edge Quadro is the only microphone you'll need for

sophisticated stereo and 360° sound recording.

## 2. Safety Notes

Phantom power – ensure phantom power supply is 48V.

## 3. Connecting Edge Quadro

The Edge Quadro comes with 2 Y cables. Each of them has a 5 pin XLR female on one end and two 3 pin XLR male connectors on the other. Each of the cables is marked receptively for the bottom and top head (B and T). Labelling on the inputs of the mic are also provided so that the user knows where each Y cable needs to be connected. Colouring on each cable shows the sides of each channel. White for Left and Red for Right. Respectively, the left channels are the front membranes for each head.

## 4. Claim and assign features

**Claiming features:**

**Open [www.antelopeaudio.com](http://www.antelopeaudio.com) (<http://www.antelopeaudio.com>) and click LOGIN.**

**Enter your credentials and password**

**Navigate to Claim Features**

**Enter the voucher code ME\*\*\*\*\*, mark the checkbox on the End Users License Agreement and click “Claim”**

**Assigning features:**

**Open the interfaces Control Panel and go to the Help tab (the “?” button)**

**Open the Administration panel**

**Mark “Register device and assign features” and continue**

**Mark the checkbox with the Microphone Emulations and continue**

**The device will restart and your new Mic Emulations will be available.**

## 5. Load a Mic Emulation in your AntelopeAudio Interface.

Open the interface Control Panel and click on the little settings icon on the preamp gain control.

To have access to the mic settings, the input should be in Mic mode.



When you load a Mic Emulation the following screen will pop up.



Note:48V Phantom power will be automatically enabled.

The following controls are available on the pop-up window once you choose the Edge Quadro:



**Phase invert** – allows you to invert the polar pattern of the signal in the selected Mic input.



**Phantom power switch** – switched on by default, when you're loading a Mic Emulation in the AntelopeAudio interface Control Panel.



**Mode switch** – allows you to switch between Verge, Edge types or turn the emulation off.



**Emulation select** – here you can choose the exact model of the mic you wish to emulate. For the moment available are the following





**Pattern selector** – only active if the emulation has multiple patterns.

## 6. Recording

In order to record the emulated signal, you must choose the following routing scheme.

For Discrete 4/8:



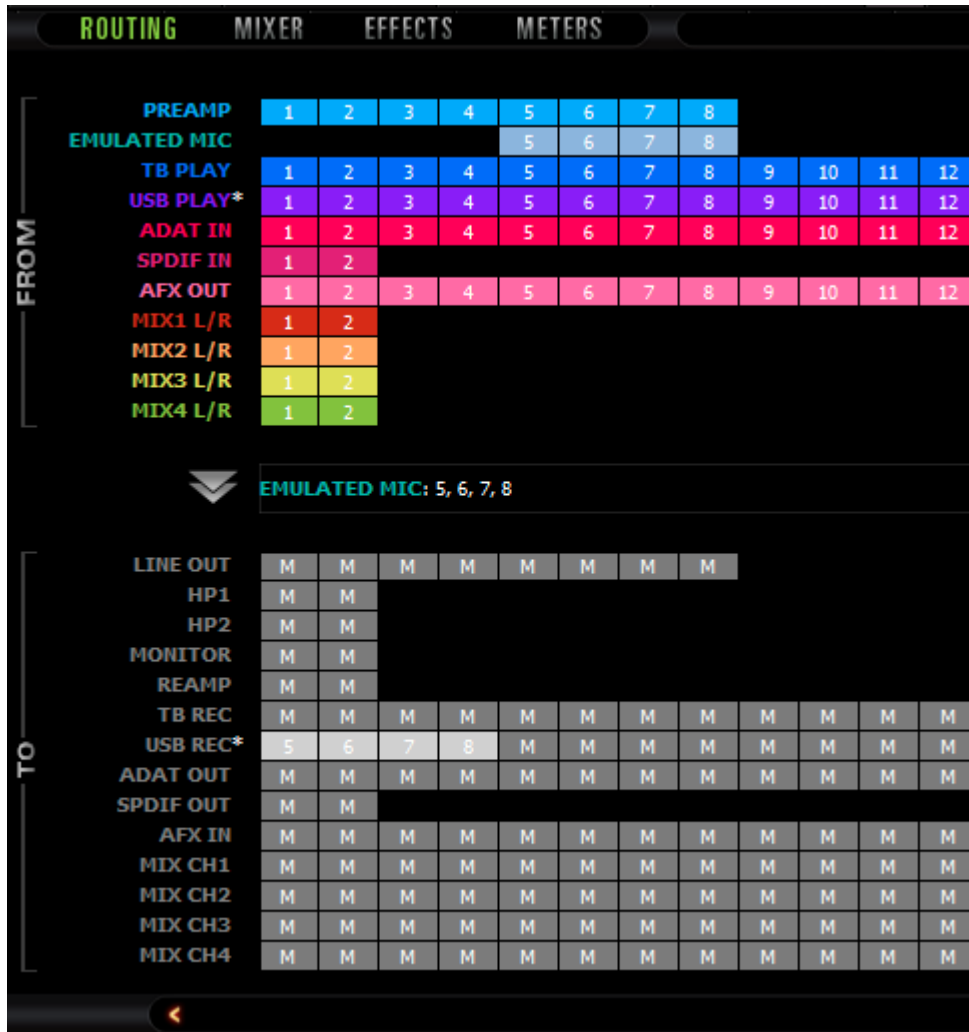
Choose Emu mic with the correspondent channels for the mic inputs. This way you will record the processed signal with

the loaded emulation. You can also choose a mix on emulated and dry preamp signal, with a combination of a couple of channels (Emu and Preamp)

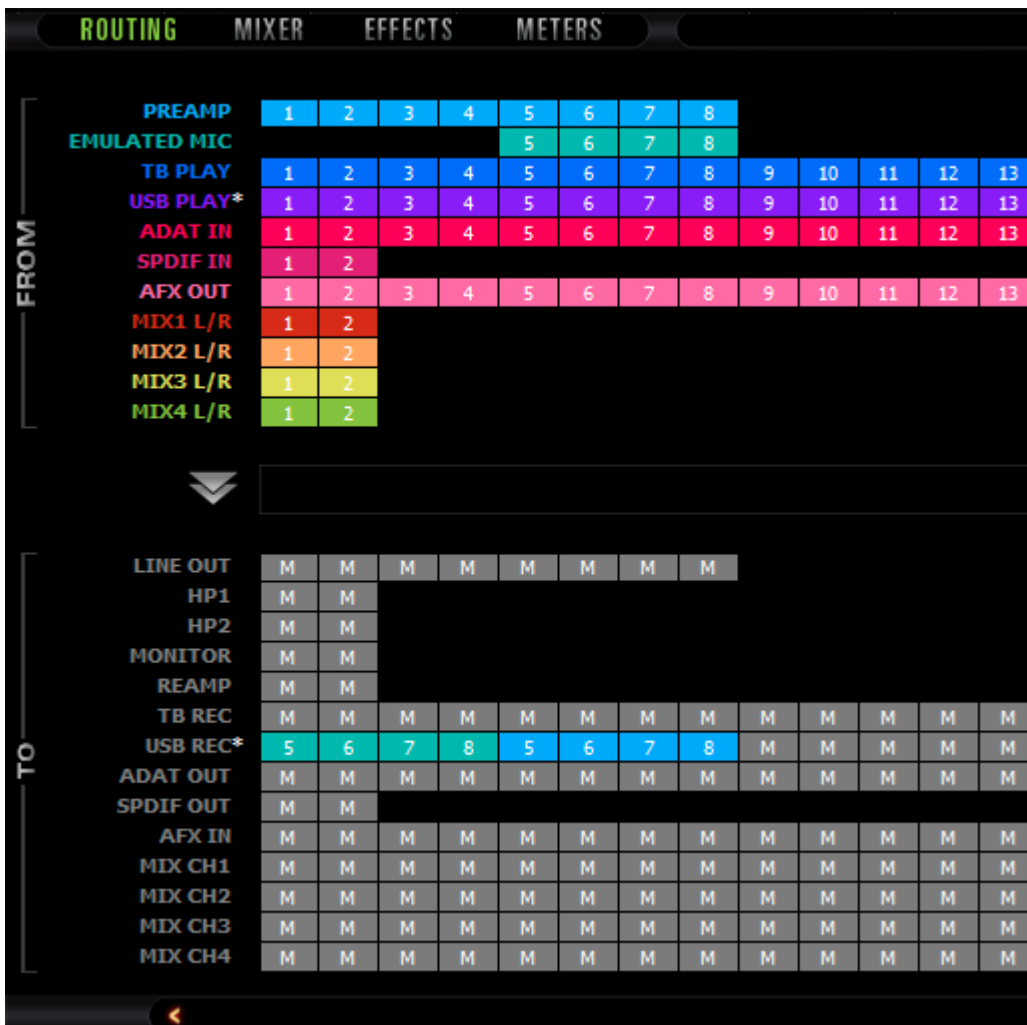
Zen Tour, Orion Studio 2017, Goliath, Goliath HD

Inside the routing tab, there is a strip Emulated Mic, which corresponds to the physical inputs where you can connect the mic.

In order to record the emulations, just drag and drop the channels you are using from the Emulated Mic strip, to the Record strip (dependent on the type of communication – USB or Thunderbolt).



Again, you can record dry and wet signal with a combination of the Emulated mic channels and the physical input channels.



## 7. Technical Specifications

**Microphone type :**Quadrasonic condenser microphone

**Diaphragms:** Two large condenser capsules with double-sided 6u gold-sputtered membranes in independent heads. Upper head is fully rotatable.

**Diaphragm diameter:** 34mm

**Polar pattern:**Multi-pattern (cardioid, figure-8, omnidirectional, Blumlein, M/S,X/Y)

**Frequency response:** 20HZ ~ 20kHz

**Sensitivity:** -35dB | 18mV/Pa (-1 to +3dB)

**THD+N:** -116dB

**Self-noise:** 19dB(A)

**SNR:** 75dB(A)

**Output impedance:** 50 Ohms @ 1kHz

**Power requirements:** 48V DC phantom power

**Output connector:** 5-pin male XLR

**Color:** Black matte

**Package contents:**

**Breakout Cable:** Two 5-meter, 5-pin female XLR to dual 3-pin male XLR (high grade OFCY-cables)

**Mount:** Custom-made shock absorber type

**Case:** Custom handmade wooden case

**Can be transformed into a vintage replica via the Antelope Audio Mic Emulation Packs.**

**VintageMic Emulations:**

Berlin47 FT

Berlin49T

Berlin57

Berlin87

Berlin67

BerlinM103

Vienna12

Vienna414

Tokyo800T

Oxford4038

Sacramento121R

BerlinK86

Berlin47 TU

BerlinV563

Berlin/HalskeM25

BerlinM251

Minnesota20

Illinois7B

## 8. Contacts

Having difficulties with the Edge Duo microphone or anything else Antelope? Get in touch with us by the following means:

**European Direct Support Line**

+441925933423

10:00 a.m. – 10:00 p.m. (EET), Monday – Friday

**USA Direct Support Line**

+1(916) 238-1643

7:00a.m. – 6:30 p.m. (EST), Monday – Friday

**Online (live chat and e-mail)**

[AntelopeAudio Support Page \(https://en.antelopeaudio.com/support/\)](https://en.antelopeaudio.com/support/)

