

Edge Quadro - User Manual



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 market 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 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: Two5-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 Sacramento121R

Berlin49T BerlinK86

Berlin57 Berlin47 TU

Berlin87 BerlinV563

Berlin67 Berlin/HalskeM25

BerlinM103 BerlinM251

Vienna12 Minnesota20

Vienna414 Illinois7B

Tokyo800T

Oxford4038