



ANTELOPE AUDIO

EDGE & VERGE

MODELING CONDENSER MICROPHONES

USER MANUAL



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1. BEFORE YOU BEGIN

Congratulations on purchasing an Antelope Audio modeling microphone! This document will inform you how to setup and record your Edge and/or Verge microphone with your Antelope Audio interface.

Note that most of the information covered here can be found in the user manual for your Antelope Audio Synergy Core interface.

If you own Auto-Tune Synergy, the [Auto-Tune Synergy user manual](#) will explain everything about using the effect with an Antelope Audio modeling microphone.

Should you ever find yourself struggling, do not hesitate to contact our [Customer Support](#) team over phone, live chat and our ticket system. You can also visit [Antelope Audio on YouTube](#) and explore our video tutorials or join the [Antelope Audio Users](#) Facebook group and ask for advice. The [Knowledge Base](#) is also a good source of information.

Best wishes,

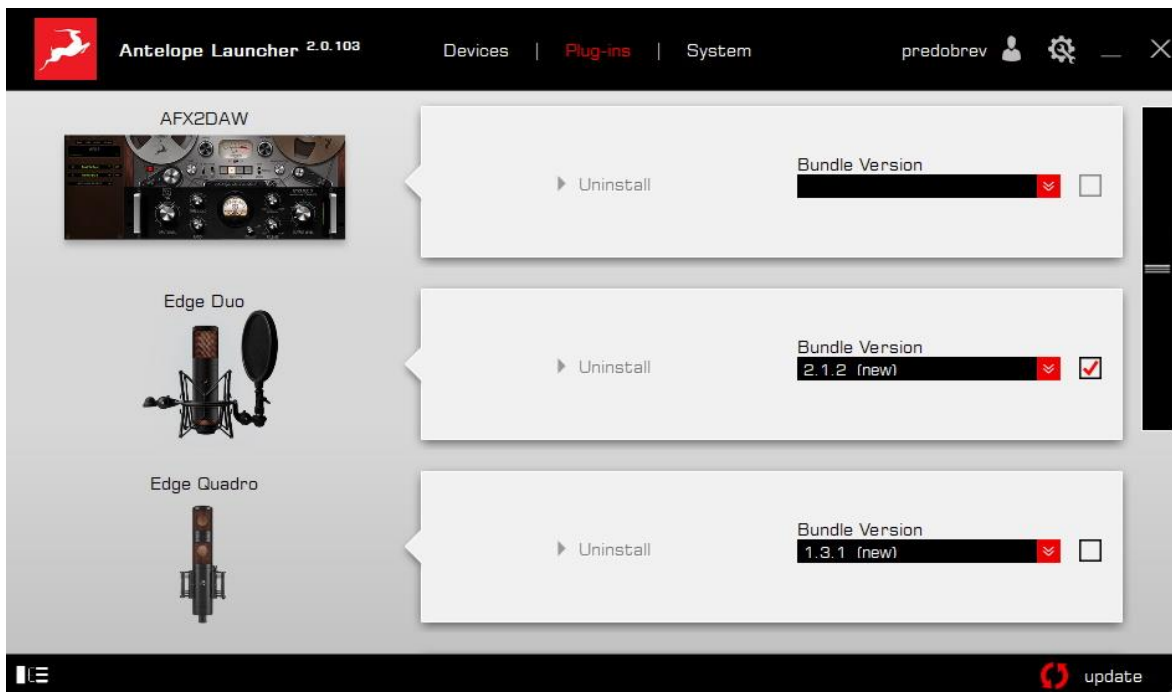
Team Antelope

2. INSTALLING AND AUTHORIZING THE NATIVE MIC EMULATIONS

1. Download and install the latest Antelope Launcher for your operating system:

[Windows 10](#) | [macOS 10.12 and later](#)

2. Open Antelope Launcher and click the 'Plug-ins' tab. Place a checkmark next to the bundle version for your modeling microphone(s) and click the 'update' button in the bottom right corner.



3. Add the mic emulations plug-in to a track in your DAW and you will be prompted to enter your activation code and authorize the plug-in via a PACE iLok v2 or v3 dongle (sold separately).

4. Visit www.ilok.com and create an account if you don't have one.

5. Download and install the iLok License Manager Software.

6. Insert the hardware dongle into a USB port on your computer.

7. Launch the iLok License Manager Software. Click Sign In and enter your credentials. If you are asked whether you want to register your iLok dongle, click Yes.

8. Click Licenses > Redeem Activation Code and enter your Activation Code to authorize the Native mic emulations.

Following are guides to using the mic emulations and recording for each Antelope Audio modeling microphone:



3. EDGE SOLO



Edge Solo Mic Emulations Window

The following functionality is available:



- Choose mic emulations from the drop-down menu on the right.
- Click and turn the 'Phase Invert' dial to flip the microphone's polarity.
- Click and drag the '48V' switch to activate or turn off phantom power.

Included Mic Emulations

1. Berlin 47 FT
2. Berlin 49T
3. Berlin 57
4. Berlin 87
5. Berlin 67
6. Berlin M103
7. Vienna 12
8. Vienna 414
9. Tokyo 800T
10. Berlin V563
11. Illinois 57
12. Illinois 7B
13. Minnesota 20
14. Vienna 112
15. Berlin K86
16. Berlin 47 TU
17. Berlin M251
18. Hamburg 441

Recording and Monitoring Edge Solo

Edge Solo is a single-membrane condenser microphone. This means the microphone will occupy one physical mic preamp input, one block in the Routing Matrix 'PREAMP' row, and one block in the 'MIC EMU' row.

Edge Solo mic emulations work on a single input audio channel. Recording and monitoring both 'dry' and 'mic emulation' audio means dealing with two mono tracks.

- Route the 'PREAMP' input for Edge Solo to your desired outputs to monitor 'dry' audio. Route to a 'COMP REC' block to record from the corresponding input in your DAW.
- Route the 'EMU MIC' output for Edge Solo (same number as the 'PREAMP' input) to your desired outputs to monitor 'mic emulation' audio. Route to a 'COMP REC' block to record from the corresponding input in your DAW.
- Route 'PREAMP' and 'EMU MIC' blocks to your desired outputs and 'COMP REC' channels to monitor and record both 'dry' and 'mic emulation' audio.

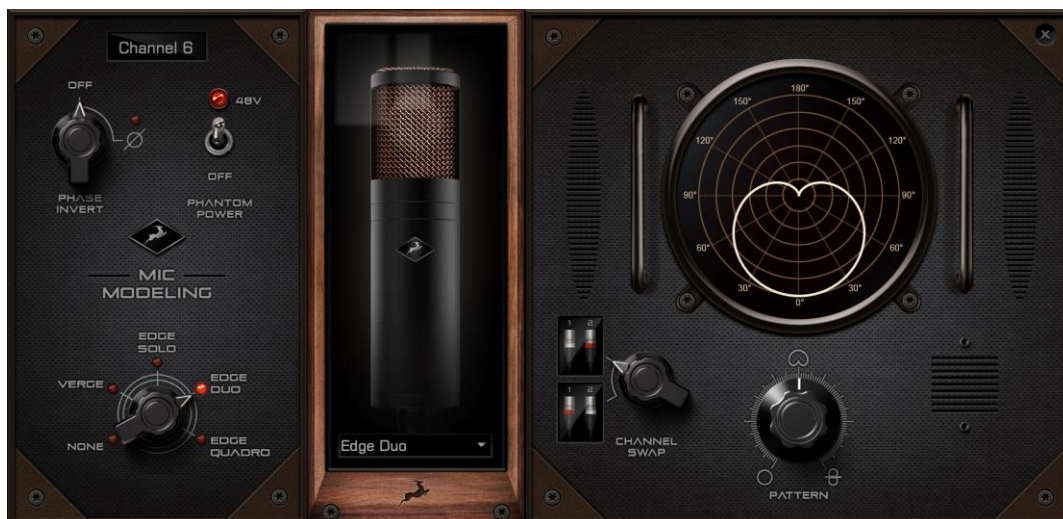
For more information about Edge Solo, visit its [product page](#).



4. EDGE DUO



Note to owners of the legacy 'Edge' modeling microphone: 'Edge' and 'Edge Duo' have nearly identical hardware, so feel free to use the 'Edge Duo' emulations with your legacy 'Edge' mic.



Edge Duo Mic Emulations Window

The following functionality is available:

- Choose mic emulations from the drop-down menu in the middle.
- Click and turn the 'Phase Invert' dial to flip the microphone's polarity.
- Click and drag the '48V' switch to activate or turn off phantom power.
- Click and turn the 'Channel Swap' dial to swap the Edge Duo inputs.
- Click and turn the 'Pattern' knob to adjust the polar pattern. Note that some mic models have fixed or limited polar pattern adjustment.



Included Mic Emulations

1. Berlin 47 FT
2. Berlin 47 TU
3. Berlin 49T
4. Berlin 57
5. Berlin 67
6. Berlin 87
7. Berlin K86
8. Berlin M103
9. Berlin M251
10. Berlin V563
11. Berlin/Halske M25
12. Illinois 7B
13. Minnesota 20
14. Oxford 4038
15. Sacramento 121R
16. Tokyo 800T
17. Vienna 12
18. Vienna 414

Recording and Monitoring Edge Duo

Edge Duo is a dual-membrane condenser microphone – it has one capsule with dual membranes and connects with an Y-XLR cable (included), one XLR connector for each membrane. The Left (white) connector is the front membrane, the Right (red) is for the rear membrane.

The microphone occupies two physical mic preamp inputs, two blocks in the Routing Matrix 'PREAMP' row, and two blocks in the 'EMU MIC' row.

Note: You can use Edge Duo as a single-membrane condenser mic by disconnecting one of the XLR connectors. In this case, the mic emulations will be visible but they won't function correctly, you cannot swap inputs and you cannot adjust polar pattern.

Recording and monitoring Edge Duo as a single-membrane condenser mic

Route the 'PREAMP' input for Edge Duo to your desired outputs to monitor 'dry' audio. Route to a 'COMP REC' block to record from the corresponding input in your DAW.

Recording and monitoring Edge Duo as a dual-membrane condenser mic



In this case, you will record and monitor two concurrent mono inputs, one coming from each membrane. They will sound slightly different in tone and volume, due to the physical distance between the membranes and the performer. You may have to compensate with individual gain adjustments for each membrane.

Route the 'PREAMP' inputs occupied by Edge Duo to your desired outputs to monitor 'dry' audio. Route them to 'COMP REC' blocks to record from the corresponding inputs in your DAW.

Recording and monitoring Edge Duo as a modeling microphone

Make sure that 'Edge Duo' mic emulations are enabled. Route the 'MIC EMU' inputs corresponding to the 'PREAMP' inputs occupied by Edge Duo to your desired outputs for monitoring and the 'COMP REC' blocks for DAW recording.

Recording and monitoring 'dry' and 'mic emulation' audio simultaneously

With the Edge Duo, monitoring and recording 'dry' and 'mic emulation' audio simultaneously means handling four concurrent mono signals – two 'dry' tracks and two 'mic emulation' tracks. 'Dry' audio comes from the 'PREAMP' inputs, and 'Mic Emulation' audio comes from the 'MIC EMU' outputs. Route them anywhere you want in the Routing Matrix.

For more information about Edge Duo, visit its [product page](#).



5. EDGE QUADRO



Connecting Edge Quadro

Edge Quadro is a quad-membrane condenser microphone – it has two heads, each with dual membranes. The Top head rotates 360-degrees, enabling stereo recording techniques such as M/S, X/Y, Blumlein, and even 3D sound. Therefore, the microphone is bundled with a pair of Y-XLR cables. Their Left (White) connectors are for the front membranes, and their Right (red) connectors are for the rear membranes.

However, each cable is designated for either the Top or Bottom head, and labeled accordingly – T (Top) or B (Bottom). The inputs on the microphone are labeled too, letting you know where each cable needs to be connected.

There's a bevy of options for connecting Edge Quadro

As a single-membrane (rotatable) condenser mic. Connect just one XLR from the Top (rotatable) or Bottom head using the corresponding cable. The possible configurations are:

1. Top Head – Front Membrane.
2. Top Head – Rear Membrane.
3. Bottom Head – Front Membrane.
4. Bottom Head – Rear Membrane.



As a dual-membrane (rotatable) condenser mic. Connect two XLRs from either (or both) the Top and Bottom heads with the corresponding cables. The possible configurations are:

1. Top Head – Front and Rear Membranes.
2. Bottom Head – Front and Rear Membranes.
3. Top Head – Front Membrane. Bottom Head – Front Membrane.
4. Top Head – Front Membrane. Bottom Head – Rear Membrane.
5. Top Head – Rear Membrane. Bottom Head – Front Membrane.
6. Top Head – Rear Membrane. Bottom Head – Rear Membrane.

As a quad-membrane rotatable condenser microphone. Connect all XLRs from both heads with the corresponding cables. This is the only option for using the Edge Quadro mic emulations.



Edge Quadro Mic Emulations Window

Edge Quadro and Edge Duo mic emulations are identical, except for the ability to apply two different mic emulations in unison – one for each head – complete with two different polar patterns that are also swappable. All in all, the functionality is the same, but with two mic emulation selectors and two polar pattern changers.



Included Mic Emulations

1. Berlin 47 FT
2. Berlin 47 TU
3. Berlin 49T
4. Berlin 57
5. Berlin 67
6. Berlin 87
7. Berlin K86
8. Berlin M103
9. Berlin M251
10. Berlin V563
11. Berlin/Halske M25
12. Illinois 7B
13. Minnesota 20
14. Oxford 4038
15. Sacramento 121R
16. Tokyo 800T
17. Vienna 12
18. Vienna 414

Advanced Recording Techniques

- XY-stereo – set both capsules to Cardioid, offset 90°
- Mid-side stereo – set the top capsule to Cardioid, and the bottom capsule to figure-8
- Blumlein – Set both capsules to Figure-8, offset 90°

Monitoring and recording Edge Quadro

Taking full advantage of the Edge Quadro's 360-degree recording and dual-emulation capabilities means the microphone will occupy four physical mic preamp inputs, four blocks in the Routing Matrix/Input selector 'PREAMP' row, and four blocks in the 'MIC EMU' row.

Monitoring and recording 'dry' and 'mic emulation' audio simultaneously with the Edge Quadro means handling eight concurrent mono tracks – two 'dry' tracks from its Top head, two 'dry' tracks from its Bottom head, two 'mic emulation 1' tracks and two 'mic emulation 2' tracks.

With so many signals available, the routing and processing possibilities are extensive. Put the manual down and explore your skills and creativity.

For more information about Edge Quadro, visit its [product page](#).



6. VERGE



Verge is a small-diaphragm condenser microphone that's as simple to use as the Edge Solo. Its dimensions and ability to handle high sound pressure levels make it a better fit for positioning in tight spaces and recording very loud sources, such as drum kits.



Verge Mic Emulations Window



The following functionality is available:

- Choose mic emulations from the drop-down menu on the right.
- Click and turn the 'Phase Invert' dial to flip the microphone's polarity.
- Click and drag the '48V' switch to activate or turn off phantom power.

Included Mic Emulations

1. Berlin 184
2. Perth 55
3. Freiburg 6
4. Aalborg 4006
5. Hamburg 40

Recording and Monitoring Verge

Verge is a single-membrane, small-diaphragm condenser microphone. This means the microphone will occupy one physical mic preamp input, one block in the Routing Matrix/Input Selector 'PREAMP' row and one block in the 'MIC EMU' row.

Verge mic emulations work on a single input audio channel. Recording and monitoring both 'dry' and 'mic emulation' audio means dealing with two mono tracks simultaneously.

- Route the 'PREAMP' input for Verge to your desired outputs to monitor 'dry' audio. Route to a 'COMP REC' block to record from the corresponding input in your DAW.
- Route the 'EMU MIC' output for Verge (same number as the 'PREAMP' input) to your desired outputs to monitor 'mic emulation' audio. Route to a 'COMP REC' row to record from the corresponding input in your DAW.
- Route 'PREAMP' and 'EMU MIC' blocks to your desired outputs and 'COMP REC' inputs to monitor and record both 'dry' and 'mic emulation' audio.

For more information about Verge, visit its [product page](#).

7. CUSTOMER SUPPORT INFORMATION

Antelope Audio Customer Support can be reached by the following means:

Online

Visit support.antelopeaudio.com

Phone



US time: 12AM (midnight) – 8PM (CST), Monday – Friday
US Phone Number: [\(916\) 238-1643](tel:+19162381643)

European time: 6AM – 2AM (GMT), Monday – Friday.
UK Phone Number: [+44 1925933423](tel:+441925933423)

Live Chat

US time: 12AM (midnight) – 2PM (CST), Monday – Friday
European time: 6AM – 8PM (GMT), Monday – Friday.

Note: 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.

Additional Resources

- The [Antelope Audio YouTube channel](#) is home to various tutorial videos and endorser content which you may find helpful and inspiring.
- The [Antelope Audio Users Facebook group](#) lets you interact with fellow users and some of our employees. Note, however, that it is not meant to be a support group. Please contact our customer support team for such inquiries.
- The [Knowledge Base](#) in our Customer Support section is an often-overlooked source of troubleshooting information, answers to commonly asked questions and Antelope know-how.

8. MY ANTELOPE AUDIO PRODUCT ISN'T WORKING. WHAT SHOULD I DO?

If you can't find a solution on your own, please get in touch with us so we check if you are having a hardware-related issue. If this is the case, we'll guide you through the repair process. If the product should be returned, a RMA number will be issued so we can begin the procedure.

What's an RMA number?



Issuing a RMA (Return Merchandise Authorization) number is required for any factory service or repair procedure. Please, don't attempt to send us your device without receiving a RMA number first, as the device will be returned and not serviced.

How do I get an RMA number?

The Antelope Audio Customer Support team is in charge of issuing RMA numbers. Visit support.antelopeaudio.com and get in touch.

After your RMA has been issued, you will receive an email with instructions on how to proceed.

RMA shipping information

Alongside the product you are returning please, include a letter containing your full name, shipping address, RMA number issued by our technical support team and a note with a short information about the technical issue.

Please use the original box if possible, because a worn out one will surely not protect your product sufficiently on its way to the Antelope Audio HQ. Additional cushioning materials in multiple layers between the unit and the box walls to prevent from shock, vibration and various tears and scratches.

Please remove any labels or old shipment markings it may have and ensure you add your shipping address inside the box in case the original shipment label becomes illegible during transportation.

The shipping costs are covered by the owner of the product. Antelope Audio will not cover any local customs charges.

We recommend using a courier service of your choice (e.g. DHL, UPS, FedEx). The package should be insured for its real value, marked as fragile and a tracking number should be provided. We do not recommend using standard mail delivery services.

Please, don't forget to add the RMA number, issued by the Antelope Audio technical support, on all shipping paperwork.

Antelope Audio cannot be held responsible for undelivered packages – lost or damaged on the way to the Antelope Audio HQ. For damage claims, please contact your shipping service provider of choice.

Antelope Audio cannot cover any repair costs for product damages due to poor packaging.

9. LIMITED WARRANTY POLICY



This is a non-transferable voluntary Limited Product Warranty provided to end-customers who have purchased Antelope Audio-branded hardware product (hereinafter referred to as “Product”) from an authorized Antelope Audio re-seller.

For customers covered by consumer protection laws or regulations in their country of purchase or, if different, their country of residence, the benefits conferred by Antelope Audio's Limited Warranty are in addition to, and not instead of, rights and remedies convened by such consumer protection laws and regulations and it does not exclude, limit or suspend buyer's rights arising from consumer law. Consumers have the right to choose whether to claim service under the Antelope Audio Limited Warranty or under their consumer law rights.

All claims made under the Antelope Audio Limited Warranty will be governed by the terms set out in this warranty document.

Warranty Coverage

Antelope Audio warrants that the Product will be free from defects in material and workmanship for the period of 1 (one) year commencing on the date of purchase of Product by end-customer from authorized Antelope Audio's re-seller.

Except where explicitly prohibited by applicable local law, this warranty is limited to the original purchaser and is non-transferable. This warranty provides you with specific legal rights, and you may have additional rights that vary under local laws.

In general, this warranty means your Antelope Audio hardware product will operate in accordance with published technical specifications, as specified by its data-sheet, and in the operating environment for which it was intended for the length of the warranty period.

This version of the warranty applies to products purchased on or after January 1, 2018. For prior versions of the Antelope Audio limited warranty, please contact customer service.

Limited Factory Refurbished (B-stock) Warranty

Antelope Audio warrants products sold as “B-stock, Factory Refurbished or Open Box” to be free from defects in materials (unless otherwise stated in product description) and workmanship. Only products purchased from an authorized dealer or directly from Antelope Audio are covered by this Warranty.

The Limited Factory Refurbished (B-stock) Warranty is valid for the period of 6 (six) months, commencing on the date of purchase of Product, if local regulations do not require otherwise.

All warranty terms contained hereunder apply also to the B-stock Warranty, unless otherwise specified.



Remedies

Antelope Audio's entire liability and your exclusive remedy for any Antelope Audio Product that is not operating in accordance with its published technical specifications is at Antelope Audio's discretion:

- 1) to repair the Product at Antelope Audio's expense using new or equivalent-to new refurbished parts in good working condition; or
- 2) to replace the Product at Antelope Audio's expense with a product with equivalent functionality formed from new and/or equivalent-to new refurbished parts in good working condition, or
- 3) to refund the price paid. Should Antelope Audio decide to refund the price paid, it may deduct from the paid Product's price any damages caused to the Product; where, within fourteen (14) days of the expiration of the warranty period,(i) Antelope Audio has received written notice of any nonconformity;(ii) after Antelope Audio's written authorization, customer has returned the nonconforming product to the designated place; and (iii)Antelope Audio has determined that the Product is nonconforming and that such non conformity is not the result of any of the exclusions designated below.

These warranty obligations are conditioned upon the hardware being returned to the original place of purchase, or another place as directed by Antelope Audio, with the original sales receipt attached. You will be required to pay shipping and handling charges for returning the product. You may be required to pay any other applicable tariffs, duties, taxes, or other fees with regard to returning the products.

Any repaired or replacement Product will be warranted for the remainder of the original warranty period.

Obsolete or Discontinued Products

An obsolete or discontinued product will be repaired or replaced with the same product if available. If Antelope Audio is unable to replace your obsolete or discontinued product with the same product, Antelope Audio will replace the obsolete or discontinued product, in its sole discretion, with a product having similar function and capacity.

Exclusions

This warranty does not cover problems or damage resulting from, but not limited to, any of the following: (i)Wear and tear associated with normal use; (ii)Any modification, abuse, accident, disassembly, misapplication, misuse, negligence, acts of God, accident; (iii)Unauthorized repair or attempted repair by anyone other than Antelope Audio or someone authorized by Antelope Audio to do warranty work; any unauthorized repairs will void this warranty(iv)Any improper operation, maintenance or installation, including any use not in accordance with any supplied product instructions; (v)Connection to any improper voltage supply; (vi)Use of consumables or spare parts not supplied by



Antelope Audio, except where such restriction is prohibited by applicable local law; (vii) Any other cause which does not relate to a Product defect in materials or workmanship.

The warranty does not apply to any Products which have been subject to misuse, neglect, accident or modification or which have been soldered or altered such that they are not capable of being tested under normal test conditions.

This warranty does not cover (i) any counterfeit products, i.e. Products that Antelope Audio, at its sole discretion, determines were not manufactured by Antelope Audio or any of its authorized manufacturing partners; (ii) Products purchased from a person or entity which is not an authorized dealer or re-seller of Antelope Audio; (iii) Product sold “as is” or “with all faults”, to the extent permitted by local law.

This warranty is not valid in case any manufacturer label(s), serial numbers, date stamp(s) or warranty sticker(s) has been altered or removed from the Product.

Limitation of Liability

ANTELOPE AUDIO SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, REVENUE, OR DATA (WHETHER DIRECT OR INDIRECT) OR COMMERCIAL LOSS FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON YOUR PRODUCT EVEN IF Antelope Audio HAS BEEN ADVISED PREVIOUSLY OF THE POSSIBILITY OF SUCH DAMAGES. Some local laws do not allow the exclusion or limitation of special, indirect, incidental or consequential damages, so this limitation or exclusion may not apply in your jurisdiction.

ANTELOPE AUDIO WILL NOT ASSUME OR AUTHORIZE ANY OTHER PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH ITS PRODUCTS.

Data Recovery

In the event of data loss using Antelope Audio storage devices, Antelope Audio is not responsible for backing up or recovering any data that you may have lost.

No Other Warranties

No Antelope Audio employee, dealer, re-seller, or other agent is authorized to make any modification, extension, or addition to this warranty.

How to Make a Warranty Claim

Valid warranty claims should be processed through your point of purchase. Please also verify the return policy directly with the retailer where you purchased your product. Any warranty claims that cannot be reprocessed through your original point of purchase should be addressed directly to Antelope Audio. Our customer service contact information can be found on the web or in the documentation included with your Product.



Returning Your Product

In the event that you need to return your Antelope Audio products for repair or replacement, Antelope Audio will provide you with a Return Merchandise Authorization Number (RMA#) as well as return instructions. Do not return your product without prior approval from Antelope Audio. Any product returned without a valid unique RMA# will be refused and returned to the sender at the sender's expense. To avoid problems at the time of receipt, clearly write your RMA# on the outside of the package and include a copy of your RMA confirmation-mail within the package.

In certain situations, for in-warranty units, we may (entirely at our opinion) offer you a temporary replacement unit, provided that we have such on stock in your state. To request a temporary replacement unit, a valid credit card must be provided to secure the new replacement unit for shipping prior to Antelope Audio receiving the defective one.

Request a Return Material Authorization Number (RMA#)

Please follow these steps to obtain an RMA number:

(i) For end user customers, submit a claim online at: support.antelopeaudio.com. For business to business (B2B) / Direct customers of Antelope Audio please email us at techsupport@antelopeaudio.com

(ii) A valid proof of purchase is required for RMA processing (i.e. receipt, invoice, etc). Antelope Audio will provide you with the RMA number within 2 working days as of the claim submission date.

RMA Return Addresses

We have multiple RMA receiving locations worldwide. Your RMA confirmation will specify the specific return address you must use when sending your RMA package. Any packages received at an unauthorized location may be refused and returned to the sender at the sender's expense.

Products Lost or Damaged During Transit

The original packaging material should be used to pack the product for return; if the original packaging is not available, you should use such materials that provide the same or greater protection to the product. All packages that arrive with any external damage or appear inadequately packed will be refused and returned to the sender at the sender's expense. We are not responsible for damage incurred during shipping to our RMA receiving locations or for lost or stolen products.

Company information



Antelope Audio is the trade name, under which the company Elektrosfera Ltd., registered under the legislation of the Republic of Bulgaria with UIN: 131052590, is doing business and is worldwide known. Elsewhere in this document where the trade name **Antelope Audio** is used shall refer to Elektrosfera Ltd., with address of management: Tsarigradsko Shose Blvd., 7th km, Building of BIC IZOT, floor 6, Mladost region, Sofia, Bulgaria.

If any term hereunder is held to be illegal or unenforceable, it shall be severed from this warranty and the legality or enforce ability of the remaining terms shall not be affected.

10. 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 instead.
- 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.



- This unit is connected via its power cord to the mains safety earth.
- Never operate the unit without this earth connection.
- DC power supply cable should be routed so that it is not likely to be walked on or squeezed by items placed upon or against it.
- To completely turn off the device, unplug the power cable first from the outlet and then from the rear panel of the unit.
- Both occasional and continued exposure to high sound pressure levels can cause permanent ear damage via headphones and monitors.
- Your unit should always be un-racked when traveling 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.

11. TECHNICAL SPECIFICATIONS

EDGE SOLO

| | |
|-----------------------|--|
| Microphone type | Large Diaphragm Condenser Mic |
| Diaphragm | Large, 6u gold-sputtered membranes |
| Diaphragm diameter | 34mm |
| Polar pattern | Cardioid |
| 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 | 3-pin male XLR |
| Color | Black matte |
| Weight (mic body) | 0.705 lbs (320 grams) |
| Dimensions (mic body) | 5,3" x 2,04" (134mm x 52mm) |
| In the box | <ul style="list-style-type: none">• Mount: Hard mount included• Case: Standard small suitcase |



EDGE DUO

| | |
|-----------------------|--|
| Microphone type | Large Diaphragm Condenser Mic |
| Diaphragm | Large, double-sided 6u gold-sputtered membranes |
| Diaphragm diameter | 34mm |
| Polar pattern | Multi-pattern (cardioid, figure-8, omnidirectional) |
| 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 |
| Weight (mic body) | 1.23 lbs (560 grams) |
| Dimensions (mic body) | 8.6" x 2.1" (219mm x 53mm) |
| In the box | <ul style="list-style-type: none">• Breakout cable: 16.4" (5 meters) 5-pin female XLR to dual 3-pin male XLR (high grade oxygen-free copper Y-cable)• Mount: Shock absorber mount with pop filter• Case: Standard mid-size road case with handle and custom-fit foam inserts |

EDGE QUADRO

| | |
|--------------------|--|
| Microphone type | Quadrosonic condenser microphone |
| Diaphragm | Two large condenser capsules with double-sided 6u-gold sputtered membranes. Top 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 |
| Weight (mic body) | 1.697 lbs (770 grams) |
| Dimensions (mic body) | 11,9" x 2,1" (303mm x 53mm) |
| In the box | <ul style="list-style-type: none"> • Breakout cable: Two 16.4-inch (5 meters) 5-pin female XLR to dual 3-pin male XLR (high grade oxygen-free copper Y-cables) • Mount: Custom luxury shock absorber type <ul style="list-style-type: none"> • Case: Custom handmade wood case |

VERGE

| | |
|--------------------|--|
| Microphone type | Instrumental Electret Condenser Microphone |
| Diaphragm | Back-electret condenser |
| Polar pattern | Cardoid |
| Frequency response | 40Hz ~ 20kHz |
| Sensitivity | -40dB 10mV/Pa (+/-3dB) |
| THD+N | -116dB |
| Self-noise | 25dB(A) |
| Max. Input SPL | 146dB |
| SNR | 69dB(A) |
| Output impedance | 65 Ohms |
| Power requirements | 48V DC phantom power |
| Output connector | 3-pin male XLR |



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|-----------------------|-----------------------------|
| Color | Black matte |
| Weight (mic body) | 0.34 lbs. (155 grams) |
| Dimensions (mic body) | 6.1" x 0.87" (155mm x 22mm) |
| In the box | Mount: Shock absorber type |