

ARCAICO

MATRIOSKA

VCA STEREO MIXER 6 CHANNEL

"Within every sound lies another."



Hello dear,
first of all we thank you for choosing one of our products
and welcome you to the Arcaico cult.

MATRIOSKA is a modular VCA mixer
designed as a layered structure:
each level hides and reveals another.
Six independent channels, each with its own identity,
intertwine in mono or stereo configurations,
building ever-changing soundscapes.

The first four channels include CV-controllable panners,
allowing you to sculpt the space and create
dynamic movements between outputs.
Pairs 1+2 and 3+4 can act as independent
crossfaders or as internal sub-mixes,
while each channel remains free to exist independently
through its own direct output.

The final stereo output (L/R) brings all the voices together
into a single form. When used in mono,
the L output automatically sums the signal,
transforming Matrioska into a flexible node that
can be adapted to any configuration of your system.

Within each sound, another sound.

The Philosophy of Arcaico

Arcaico is a cult disguised as a laboratory.
It was created to subvert the standard,
disintegrate the predictable,
and restore sound to its primordial form:
raw, shamanic, disturbing, alive.

Hand-welded, conceived in an altered state,
each module is a fragment of an invisible architecture.
A sacred detritus of the future past.
A mute machine, until you question it.

Those who choose Arcaico do not seek presets.
He seeks emptiness, noise, fertile error – and knows
that in chaos there is the voice of forgotten gods.

Panel Overview

- 6 channel VCA
- cv input each channel
- offset each channel
- switch Linear/Logarithmic selector each channel
- switch routing selector each channel
- level potentiometer each channel
- led level indicator each channel
- panner pot and cv input (only channels 1/2 and 3/4)
- cv link switch (only channels 1/2 and 3/4)
- Main potentiometer level
- sub mono independent out
- independent out each channel
- Independent outputs channels 1+2 and 3+4
- Main stereo/mono out

18 hp
35 mm deep



Panel Overview



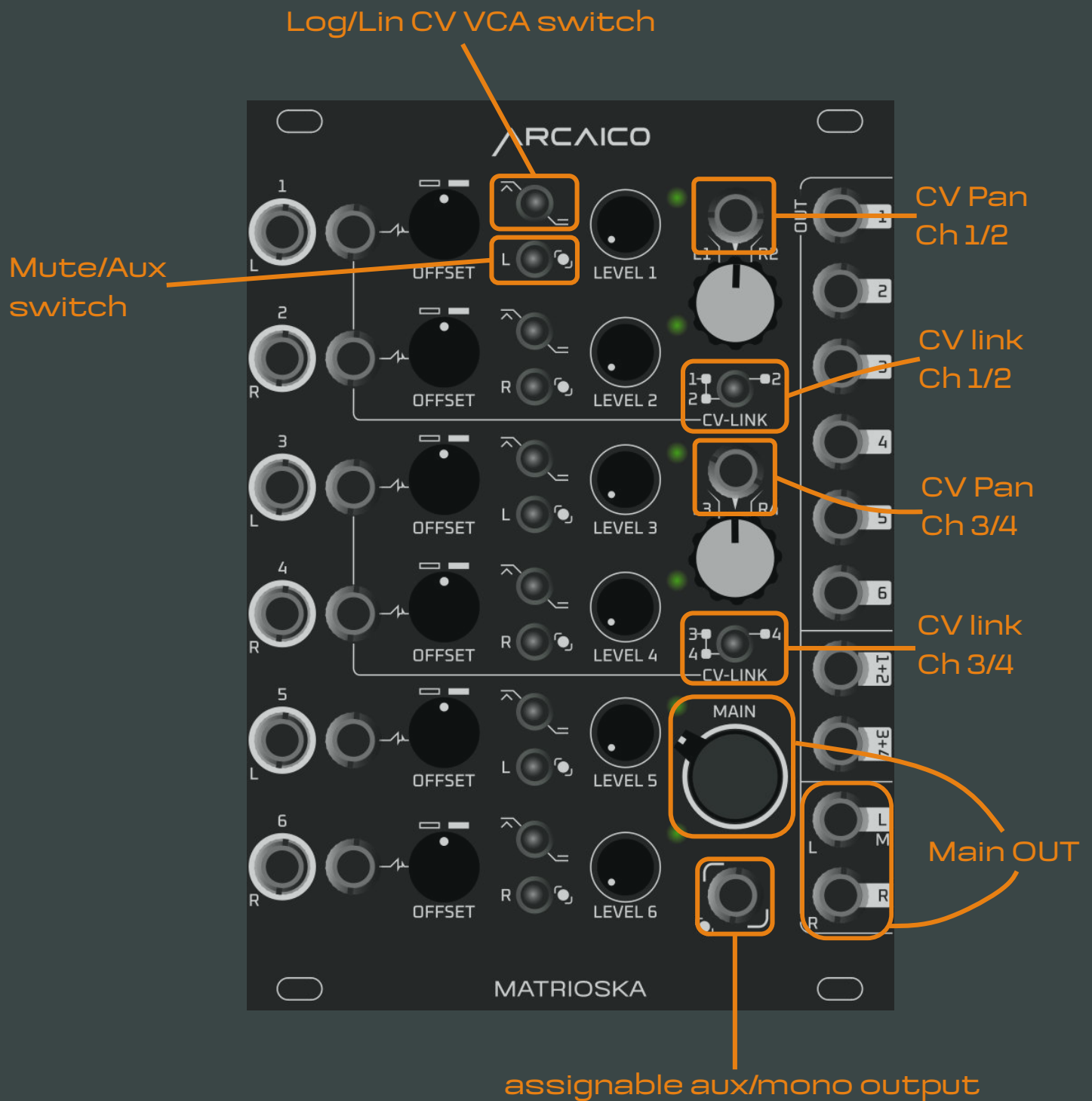
Panel Overview

Panner L/R ch 1/2 and/or
Fade mono out 1+2



Panner L/R ch 3/4 and/or
Fade mono out 3+4

Panel Overview



Panel Overview



independent outputs
for each VCA channel

independent mono/fade
outputs for channels
1+2 and 3+4

Mono and stereo
Main out

Parameter function

SINGLE CHANNEL

OFFSET

input for voltage control of the VCA channel, accepts all types of signals including audio signals.

SWITCH LOG/LIN SELECTOR

Switch to select between Linear  and Logarithmic  response

LEVEL

Each channel is equipped with a potentiometer to manage the output level.

LED INDICATOR

Each channel has an LED indicator to monitor signal strength.



AUDIO INPUT

This input can process audio signals and voltage controls (voltage controls are excluded from fade outputs 1+2 and 3+4).

CV INPUT

input for voltage control of the VCA channel, accepts all types of signals including audio signals.

MUTE/AUX SWITCH

This switch selects the channel routing.

When set to L (L channels 1, 3 and 5 or R on channels 2, 4 and 6), the channel is routed to the following outputs:

1+2

3+4

L and R main.

When the symbol-  is selected,

the channel is routed to the output- 

Functions as MUTE on the MAIN output when the switch is activated on 

but still directs the channel to the output 

The parameters on this page are the same for all 6 channels.

Parameter function

PAN and CV LINK

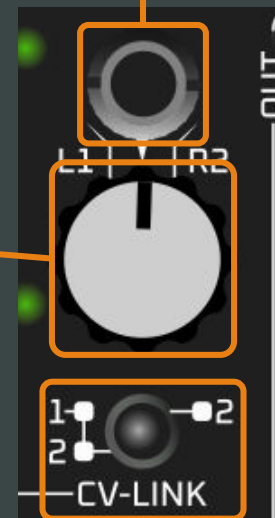
CV PAN/FADE

This input accepts all voltage controls. Its function is to control the potentiometer by shifting the outputs from left to right with an external control.

PAN/FADE POTENTIOMETER

This potentiometer shifts the signal from left to right on the L and R outputs of the Main (STEREO) and creates a fade between the two channels on outputs 1+2 and 3+4. It has no effect on the independent outputs of channels 1 to 6.

The parameters on this page are only for channel pairs 1+2 and 3+4.



CV LINK

This switch activates the same CV as channel 1 on channel 2 for channels 1 and 2, and activates the same CV as channel 3 on channel 4 for channels 3 and 4.

At the same time, it can also be used as a 'CV-MUTE'.

When switches LINK 1-2 and 3-4 are active (position to the left), the OFFSET potentiometers for channels 2 and 4 are deactivated.

Parameter function

OUTPUT SECTION

INDEPENDENT OUTPUTS

This section contains independent outputs for each channel/VCA from 1 to 6.

These outputs are excluded from the outputs:

MAIN-

1+2-

3+4-

AUX/SUB-

Only the following controls are enabled for each output:

Input-

CV Input-

Offset-

LOG/LIN switch-

Level potentiometer-

LED indicator-

These outputs are always active and are not affected by any routing selection.



1+2 and 3+4 OUTPUTS

These two outputs are dedicated to the Panner/Fade of channels 1+2 and 3+4.

The outputs are mono, and when the PAN/FADE potentiometer is in the centre position, both channels are present (1 and 2 on output 1+2 and 3 and 4 on output 3+4).

When the PAN/FADE potentiometer is moved or a CV control is used, the channels are faded out.

MAIN STEREO/MONO OUT

The L and R outputs are normalised. When only one jack is inserted into the L output, it will be MONO; when both the L and R jacks are inserted, it will be STEREO.

AUX/SUB MONO OUT

This is a MONO output that can be used as an auxiliary or dedicated MONO output. It can be assigned to each channel via a dedicated switch.

When a channel is assigned to this output, it is excluded from the following outputs:

MAIN-

1+2-

3+4-



Matrioska was created to explore what hides within sound itself.
Six channels, six voices intertwining,
each revealing new layers of motion and space.
Every patch is a different constellation — fleeting, unique, alive.

Listen closely: what you hear is only the surface.

Inside every sound, another sound.

Designed and handmade in Italy
ARCAICO Instruments — www.arcaico.eu

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