



KLEMENTZ

ELECTRONICS & AUDIO EQUIPMENTZ

MODULAR MACHINES

- INFORMATIONS & SETUP OPTIONS -

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WHY A MODULAR MACHINE ?

All is Analog

Nowadays most modern electronics uses digital chips that process the audio signal.

We decided to have a majority of our designs made with 100% analog circuits. It means that there is no A/D (Analog to Digital) or D/A (Digital to Analog) Conversions and thus there is not any Signal resolution loss or degradation caused by such conversion.

If any of our modules have digital parts in the Audio Signal Path, then it will be written alongside the module description.

All is Stereo

True isolated Left & Right analog audio processing is done with all these machines.

You can use it in a mono setup just by using a single channel (L for example) instead of the two (L+R)

Easily Customized to your needs

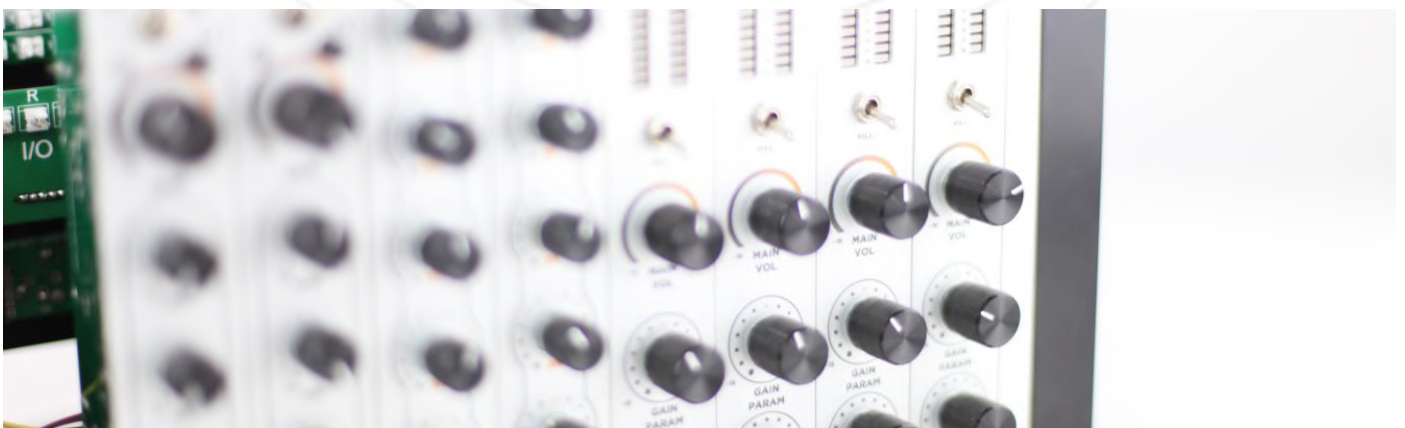
The design of the modular machines makes them easy to Customize at anytime of its life :

- ☐ When you order, compose your own machine by choosing yourself the functions
- ☐ Let us propose you some design, but tweak them to your needs by changing functions.
- ☐ Order and use your product, then change your mind and replace some functions in it.

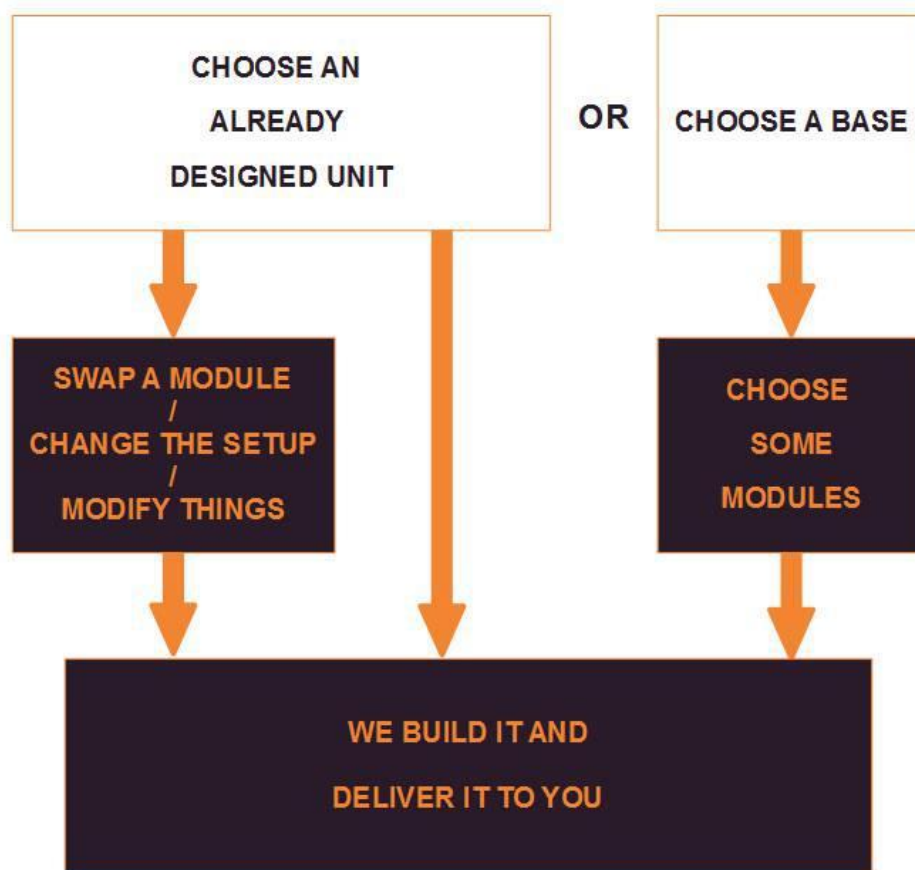
Evolutive

The whole concept proposing a scalable hardware audio solution that can evolve and follow your needs. If your project, idea or problem changes, then the solution will follow.

We can upgrade your unit at any time, as well as you also can!



HOW TO ORDER ?



EXAMPLE SETUPS

Important Note: These setups are examples of what can be done with the Modular Machines.

If you have any particular requirements, feel free to ask us and we will find a solution!

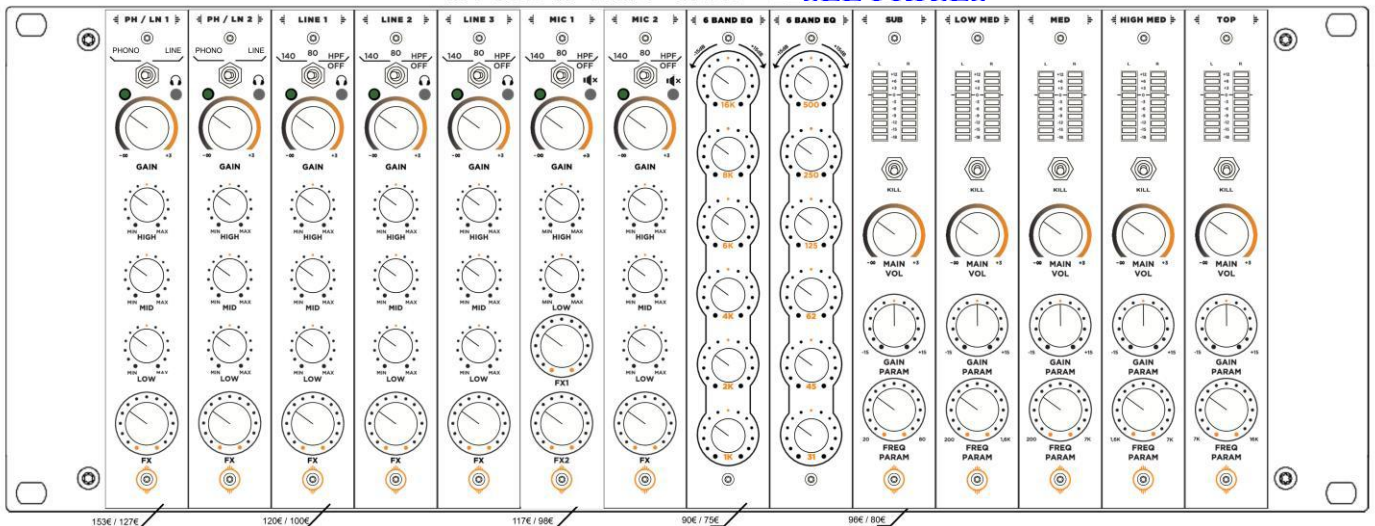
Prices note: The prices are indicated TAX INCLUDED (higher price) / TAX EXCLUDED (lower price).

- ➔ If you live within the E.U. you have to pay the price WITH TAXES (higher price).
- ➔ If you live outside the E.U. you will pay the TAX EXCL (lower) Price!

1) SETUP 1 / 4U FULL OPTION 5W PREAMP

- 5-WAY Active Filter / Crossover + 5 Semi-parametric
- 2 PHONO/LINE
- 3 LINE
- 2 MIC
- 12-BAND EQ
- 1 OR 2 FX SEND/RETURN (Can be increased)

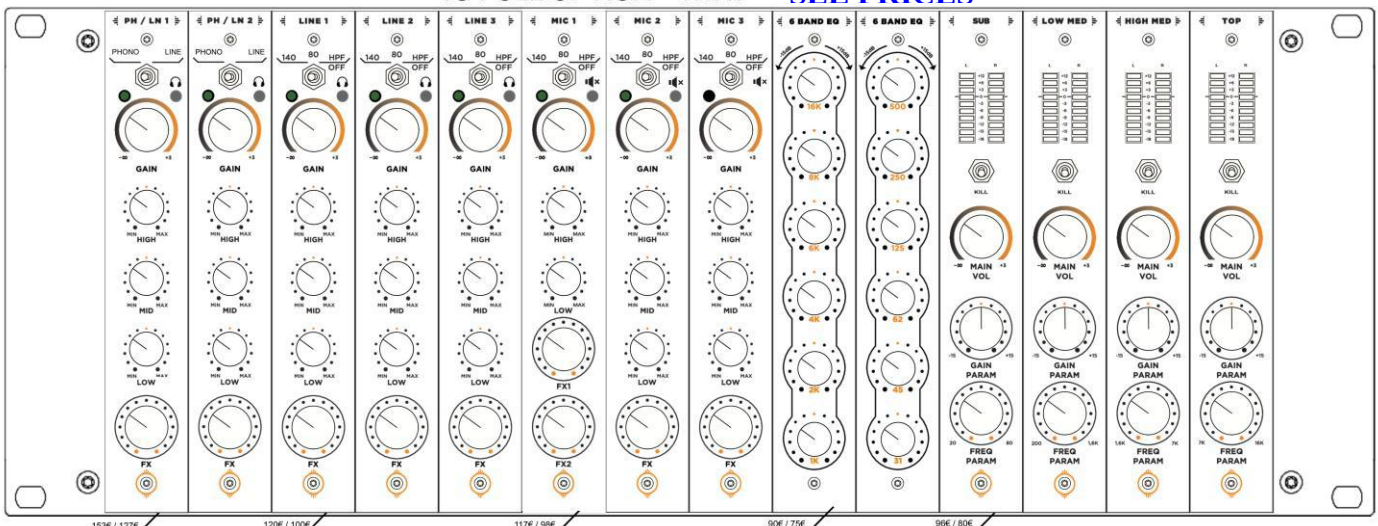
4U FULL OPTION - 5WAY – [SEE PRICES](#)



2) SETUP 2 / 4U FULL OPTION 4W PREAMP

- 4-WAY Active Filter / Crossover + 4 Semi-parametric EQs
- 2 PHONO/LINE
- 3 LINE
- 3 MIC
- 12-BAND EQ
- 1 OR 2 FX SEND/RETURN (Can be increased)

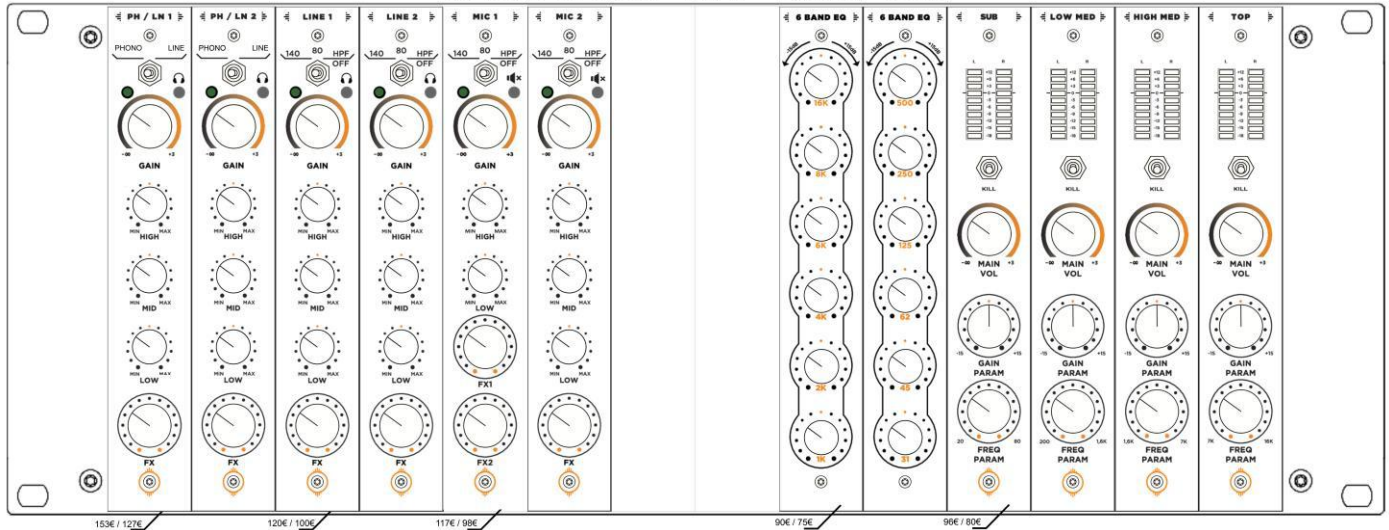
4U FULL OPTION - 4WAY – [SEE PRICES](#)



3) SETUP 3 / 4U LOW OPTION 4W PREAMP

- 4-WAY Active Filter / Crossover + 4 Semi-parametric EQs
- 2 PHONO/LINE
- 2 LINE
- 2 MIC
- 12-BAND EQ
- 1 OR 2 FX SEND/RETURN (Can be increased)

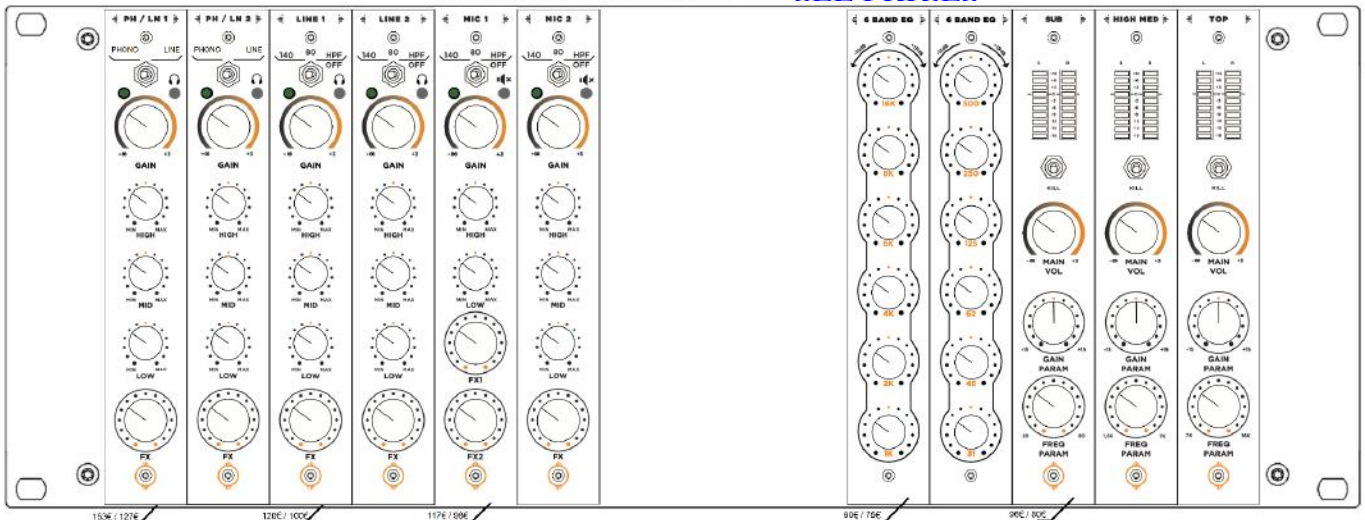
4U LOW OPTION - 4WAY – [SEE PRICES](#)



4) SETUP 4 / 4U LOW OPTION 3W PREAMP

- 3-WAY Active Filter / Crossover + 3 Semi-parametric EQs
- 2 PHONO/LINE
- 2 LINE
- 2 MIC
- 12-BAND EQ
- 1 OR 2 FX SEND/RETURN (Can be increased)

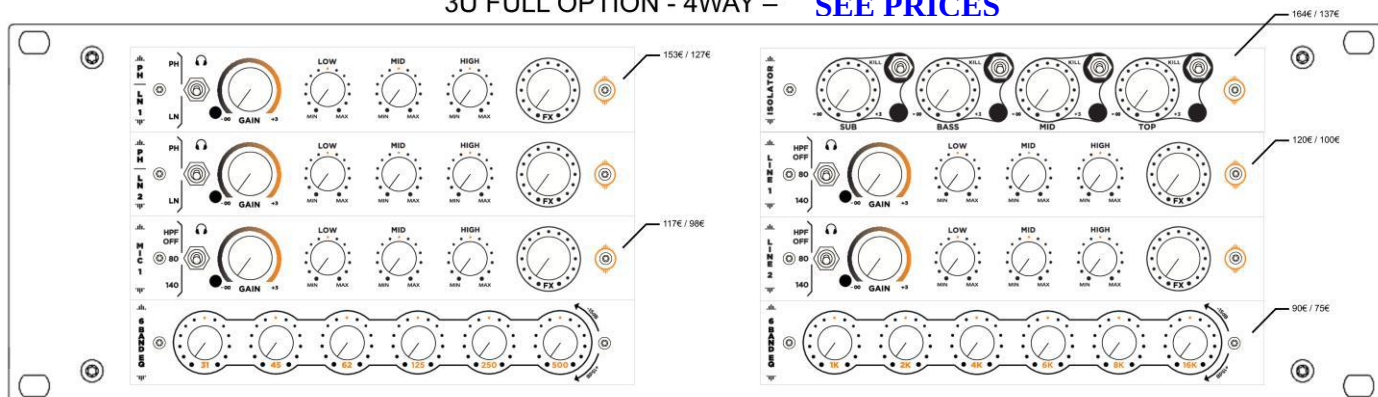
4U LOW OPTION - 3WAY – [SEE PRICES](#)



5) SETUP 5 / 3U FULL OPTION PREAMP

- 4-WAY Active Filter / Crossover / Isolator
- 2 PHONO/LINE
- 2 LINE
- 1 MIC
- 12-BAND EQ
- 1 OR 2 FX SEND/RETURN (Can be increased)

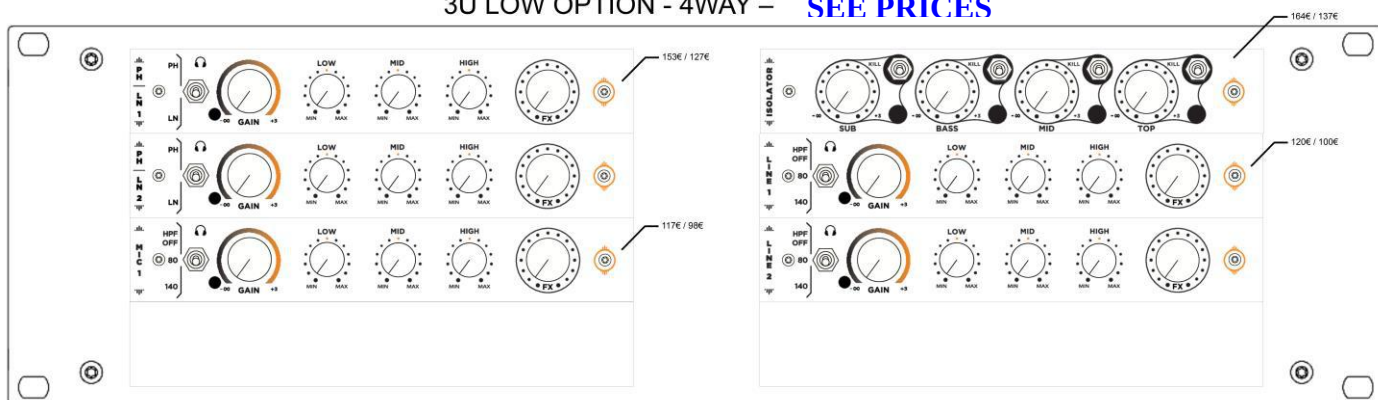
3U FULL OPTION - 4WAY – [SEE PRICES](#)



6) SETUP 6 / 3U LOW OPTION PREAMP

- 4-WAY Active Filter / Crossover
- 2 PHONO/LINE
- 2 LINE
- 1 MIC
- 1 OR 2 FX SEND/RETURN (Can be increased)

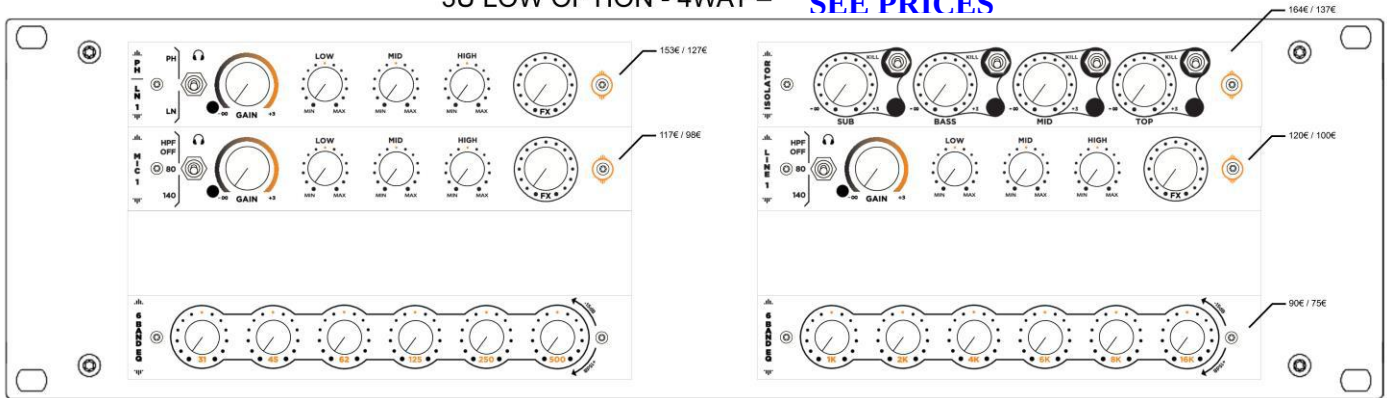
3U LOW OPTION - 4WAY – [SEE PRICES](#)



7) SETUP 7 / 3U LOW OPTION PREAMP

- 4-WAY Active Filter / Crossover
- 1 PHONO/LINE
- 1 LINE
- 1 MIC
- 12-BAND EQ
- 1 OR 2 FX SEND/RETURN (Can be increased)

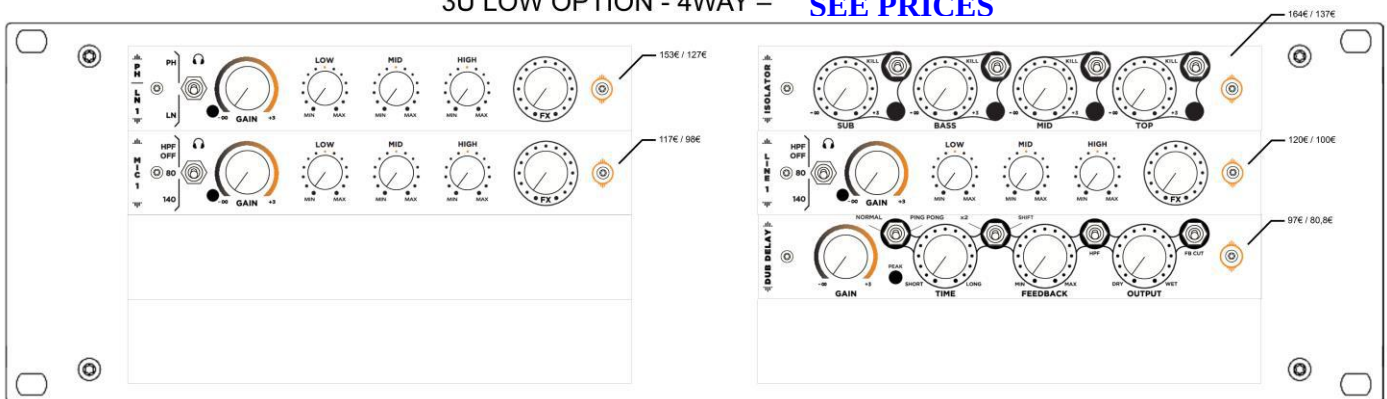
3U LOW OPTION - 4WAY – [SEE PRICES](#)



8) SETUP 8 / 3U LOW OPTION PREAMP

- 4-WAY Active Filter / Crossover
- 1 PHONO/LINE
- 1 LINE
- 1 DUB DELAY
- 1 FX SEND/RETURN (Linked to the internal DUB DELAY)

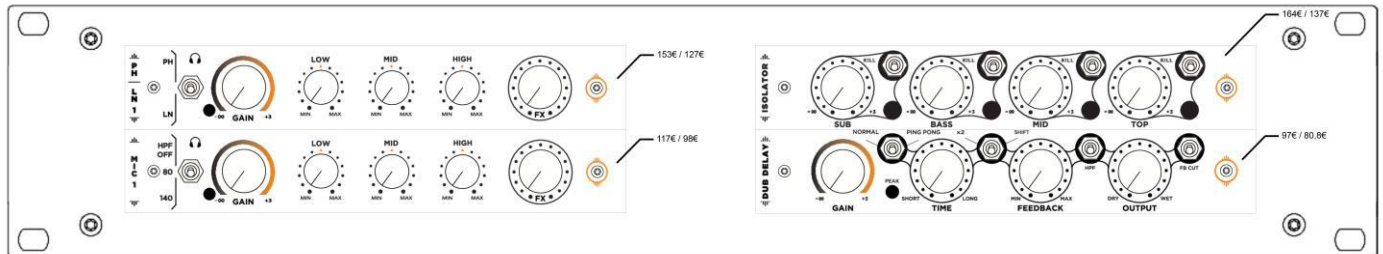
3U LOW OPTION - 4WAY – [SEE PRICES](#)



9) SETUP 9 / 2U MINI PREAMP

- 4-WAY Active Filter / Crossover
- 1 PHONO/LINE
- 1 MIC
- 1 DUB DELAY
- 1 FX SEND/RETURN (Linked to the internal DUB DELAY)

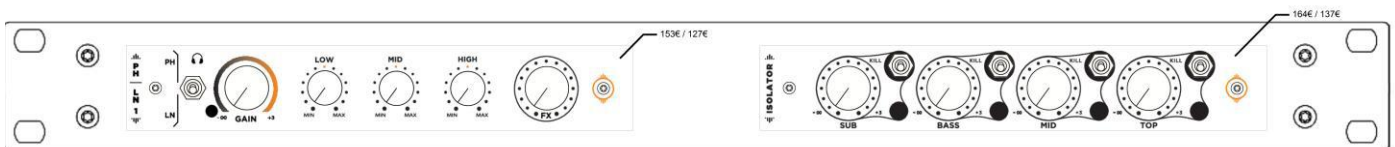
MINI PREAMP 2U - 4WAY – [SEE PRICES](#)



10) SETUP 10 / 1U PHONO LINE PREAMP + 4-WAY ISOLATOR

- 4-WAY Active Filter / Crossover
- 1 PHONO/LINE
- 1 FX SEND/RETURN

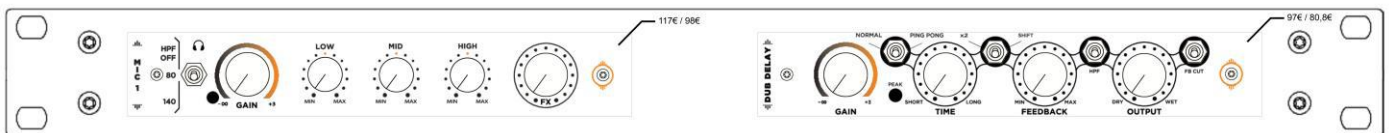
PHONO/LINE IN + 4-WAY ISOLATOR – [SEE PRICES](#)



11) SETUP 11

- 1 MIC
- 1 DUB DELAY
- 1 FX SEND/RETURN (Linked to the internal Dub Delay)

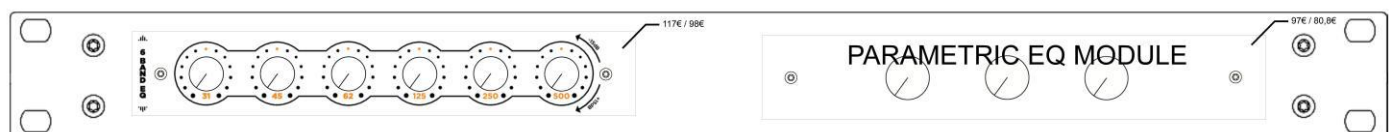
MIC IN + DELAY – [SEE PRICES](#)



12) SETUP 12

- 1 6-BAND EQ (31Hz -> 500Hz)
- 1 PARAMETRIC EQ MODULE

BASS PROCESSOR – [SEE PRICES](#)



MODULES CATALOG



INPUT MODULES

Name	Features	Price
Microphone Input	HPF Filter, Gain, 3-Way Isolator EQ, 1 or 2 FX, (Phantom 48V Power option)	SEE PRICES
Phono / Line Input	PH/LN Selector, Gain, 3-Way Isolator EQ, 1 or 2 FX	
Line Input	HPF Filter, Gain, 3-Way Isolator EQ, 1 or 2 FX.	

PROCESSING MODULES

Name	Features	Price
1-Way Crossover	1-way Active Filter (4 th order LPF, HPF or BPF) with Kill, Gain, Stereo Vu-meter and Semi-Parametric EQ.	SEE PRICES
4-Way Isolator	4-way Active Filter with Kill and Gain.	
6-Band EQ	6-Band Graphic Equalizer (Available in 2 version: [30Hz to 500Hz] & [1kHz to 16kHz])	
Full Parametric EQ	Gain, Q and Frequency setting	

EFFECTS MODULES

Name	Features	Price
Stereo Dub Delay	Ping-Pong, Normal, FB Cut, HPF Filter, Feedback, Time and Volume settings	SEE PRICES

MORE TO COME...

GENERATOR / SYNTH MODULES

Name	Features	Price
Synare Synth	Like the Synare Box	SEE PRICES
NJD Dub Siren	Like the NJD Box	
Power Siren	Like the Power Siren Box	

MORE TO COME...

BLANK MODULE	Blank Module with screws	6€
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I/O CONNECTORS



Every Module is wired by us (or by you if you want to upgrade your unit yourself) to another module or to Input/output Connectors.

There are many inputs and output connectors available:

Name	Usage	Price
Dual XLR COMBO	2xBalanced Inputs (XLR) or 2xUnbalanced Inputs (Jack)	41€
Dual JACK	2xBalanced Inputs or 2xBalanced Outputs or 4xUnbalanced Inputs or 4xUnbalanced Outputs	39€
Quad RCA	4x Unbalanced Inputs (Typically used for dual stereo inputs)	48€
Dual XLR OUT	2x Balanced Outputs	40€
XLR +48V	1xBalanced Input (XLR) with +48V Phantom Power	67€
MORE TO COME...		

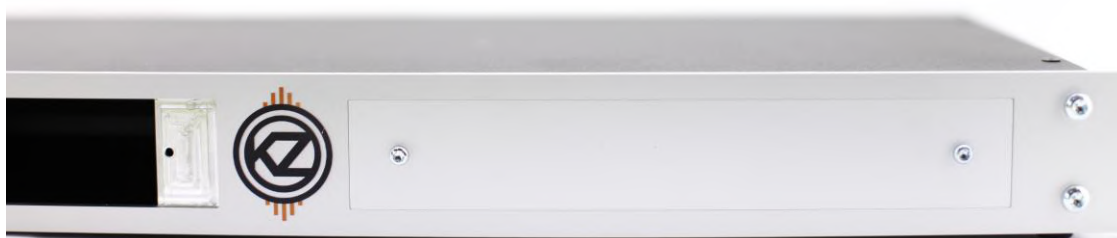
BLANK I/O	Blank Module with screws	5€
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You can customize and swap input/output connectors the same way as the front modules!

BASES CATALOG

Here is the list of the Cases or “Bases”, we have designed.
Every “Base” can receive a number of modules.

Name	Features	Price
1U “Half Rack”	1xModules + 3x Stereo I/O Connectors	241€
1U 19” Rack	2x Modules + 6x Stereo I/O Connectors	267€
2U 19” Rack	4x Modules + 12x Stereo I/O Connectors	291€
3U 19” Rack	8x Modules + 21x Stereo I/O Connectors	457€
4U 19” Rack	14x Modules + 18x Stereo I/O Connectors	466€
MORE TO COME...		



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Made in France