



Dominik Wujastyk <wujastyk@gmail.com>

Re: e500 pedal?

Darkglass Support <support@darkglass.com>
To: Dominik <domlaguna@gmail.com>
Cc: Support Darkglass <support@darkglass.com>

16 January 2023 at 05:17

Hey Dominik,

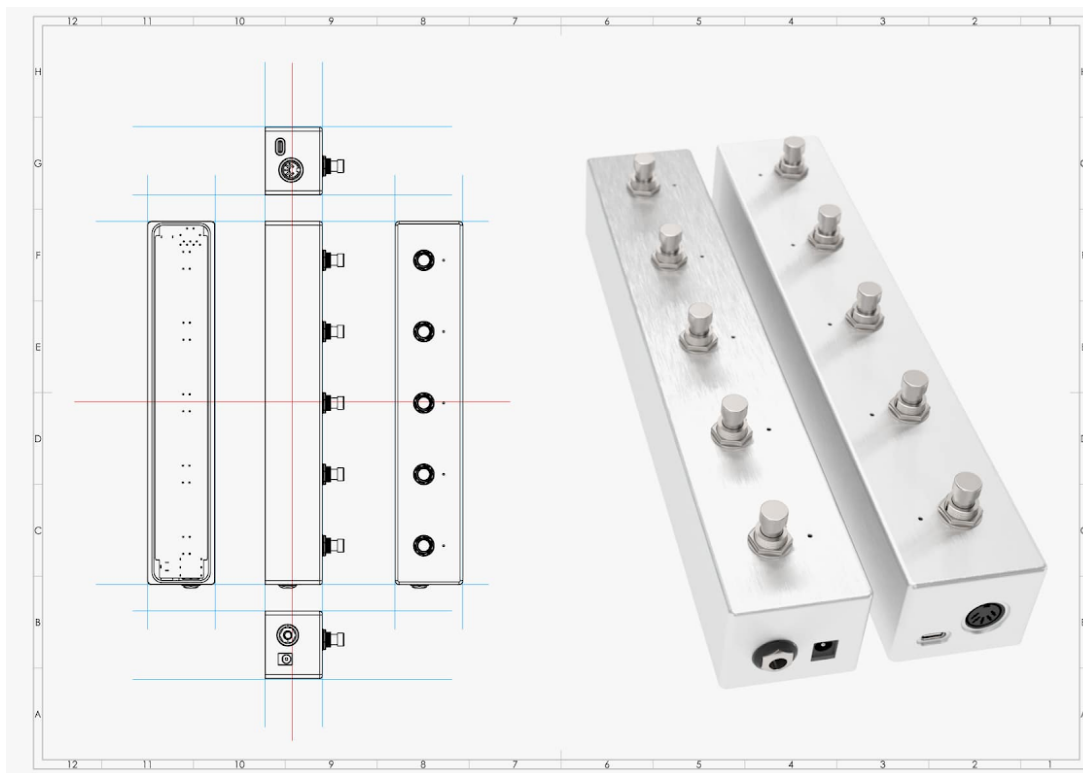
Thank you for contacting us and we hope you are doing well.

We are glad to hear that!

The currently available footswitches will not work with the E500 as the Exponent utilizes a MIDI connection while the intelligent/super intelligent footswitches utilize a 1/4" jack for the Microtubes and Alpha Omega amplifiers.

Due to the global supply shortages of microcontrollers, our footswitch design was almost ready for production but the components required for that design were not available and would cause even further delays.

We had to re-design the footswitch from scratch and it will be available in the next months.



Some of the features that will come along:

- 1) Retro-compatibility with all 500/900w Darkglass amps.
- 2) Compatible with the Exponent and programmable line
- 3) 5 Actuators for 5 presets
- 4) Power over MIDI, USB-C, and regular 9-volt power supplies
- 5) By holding an actuator, it enters into deep mode and can toggle on/off effects individually from each of the presets.
- 6) All generic MIDI functions that allow operation as a standard MIDI footswitch.
- 7) Compatible with Desktop Darkglass Suite via USB-C for programmability.

In the meantime, if you want to utilize a footswitch, you can use any 5-pin MIDI footswitch controller of your liking as long

as it is not intended for a specific product as an accessory (like a channel switcher or controller for an amplifier) and it is made for a general use purpose.

The only limitation would be the 7-pin MIDI connection as it provides power in addition to the MIDI connectivity and the power delivery is not standard.

- In the Settings-> MIDI mapping tab of the Darkglass Suite software, you can assign the channel used 1-16 (as set by your MIDI controller) or use the Omni option which will work with any channel being sent commands to.
- The presets can be assigned/toggled with the Program Change commands in addition to the Bypass and Mute Functions:

The screenshot shows the 'SETTINGS' window of the Darkglass Suite software. The 'MIDI mapping' tab is selected, showing options for 'General', 'MIDI mapping', and 'Firmware'. Under 'GLOBAL', the 'CHANNEL' is set to '1' and the 'SWITCH TYPE' is set to 'Per-value'. Under 'PROGRAM CHANGE', there is a table of settings for various functions:

CHANGE TO		
Bypass	0	☒
Mute	1	☒
Preset 1	2	☒
Preset 2	3	☒
Preset 3	4	☒
Preset 4	5	☒
Preset 5	6	☒

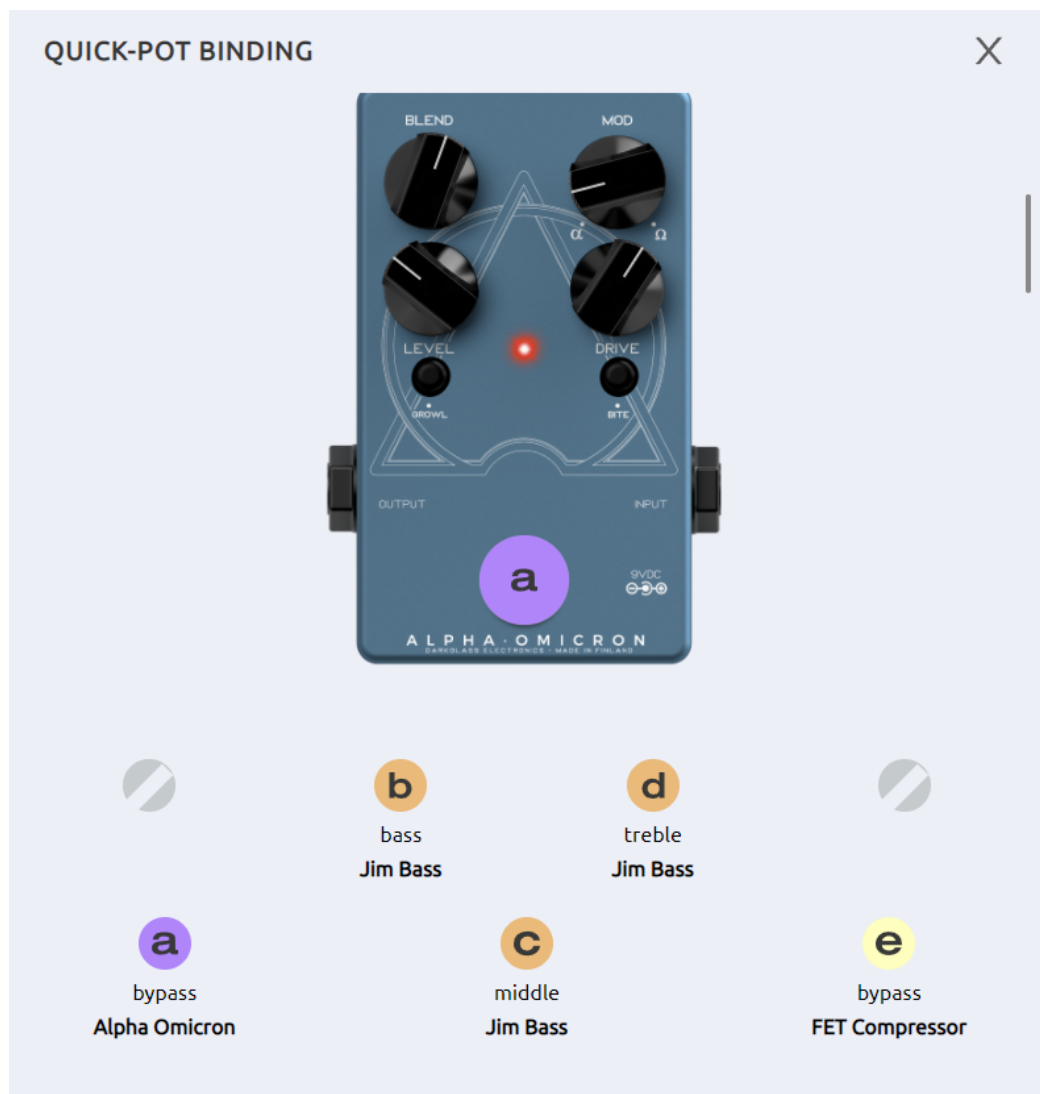
- Each preset has up to 5 dedicated quick-pot bindings and you can have access to the designated values through Control Change commands with the addressed 0-127 MIDI standard value:

CONTROL CHANGE

POTENTIOMETERS

Quick-Pot A	0	☒
Quick-Pot B	1	☒
Quick-Pot C	2	☒
Quick-Pot D	3	☒
Quick-Pot E	4	☒
Master volume	5	☒

- This can also be used to turn effects from your signal chain on or off, by binding the bypass toggle of each block to a quick-pot from the binding menu. For example, setting the Control Change value at 0 turns the effect off while adding a higher value (like max 127) will turn it on:



In this scenario, Quickpot A engages/disengages the Alpha Omicron and Quickpot E the Compressor, while the B-C-D is controlling the values of the Jim Bass bound EQ knobs.

I hope this information helps you clear out any doubts about the use!

If you require any further information or assistance, please let me know.

Kind regards,

Chris Kollias | Customer Support

👉 www.dakglass.com

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