

deep space

Dual Digital Delay
Version 1.0

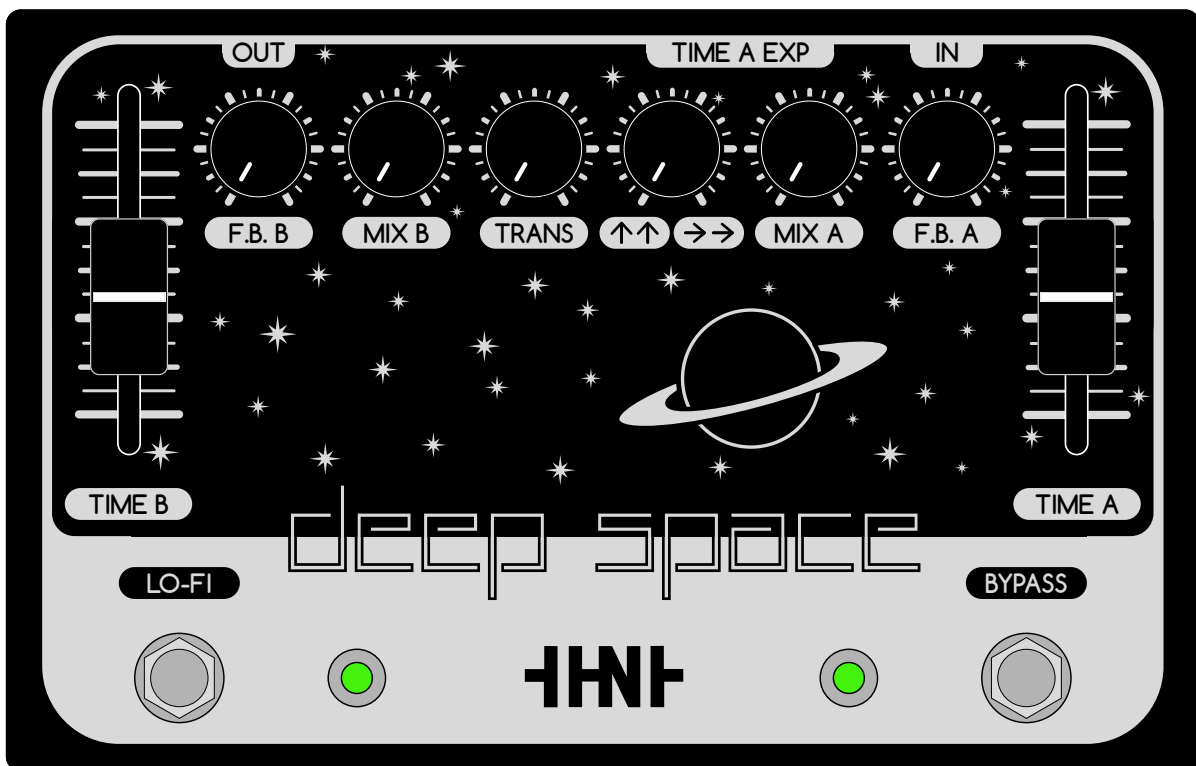
Owner's Manual

(Please read this before using the Deep Space)

Deep Space

Featuring two echo circuits in a single box, the Deep Space allows you to create rhythmic echoes, long lo-fi delays as well as an endless wash of echo reflections. It has all of the standard delay controls and two added knobs for blending and feedback paths between the two delay circuits.

It is handmade in Leuven, Belgium.



Controls

Delay

The Deep Space consists of two identical digital delay circuits that can be configured in some interesting settings. Both delays are controlled by their own set of Mix, F.B. and Time knobs.

MIX is the volume control for each echo circuit.

F.B. sets the amount of repeats. Oscillating fun starts past 3 'o clock.

TIME controls the delay time of each echo circuit. Instead of knobs, high quality faders are used to set the delay time. Try sweeping them up and down! Delay time ranges from about 40 to 320ms.

↑↑ →→ is the knob that you can use to rearrange the two circuits. All the way to the left the delays are in parallel. Like running two delay pedals next to each other. All the way to the right the output of Delay A is fed to the input of Delay B creating a serial structure. Since this control is a knob and not a switch, you can also choose to use anything in between parallel and serial.

TRANS Can set the amount of signal being sent from Delay A to Delay B. This one is interactive with the parallel/serial knob.

Expression

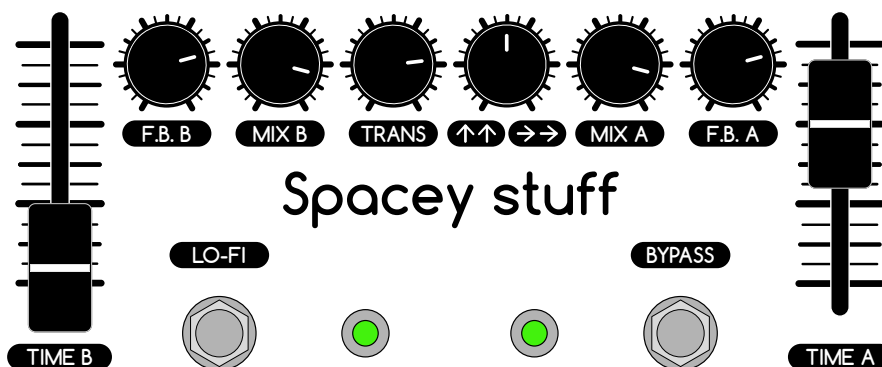
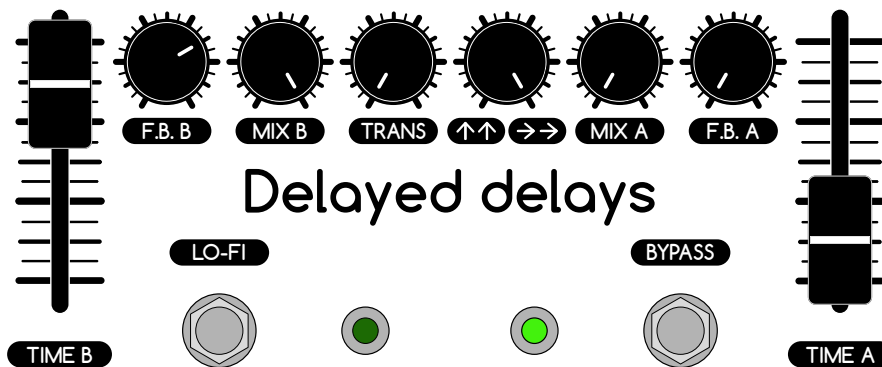
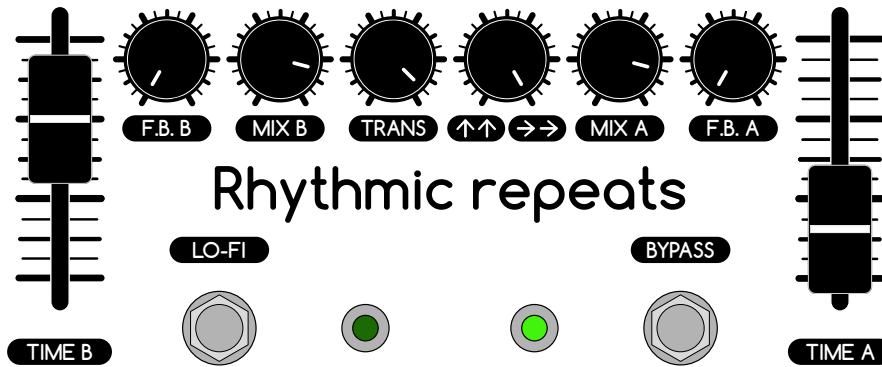
An expression pedal input has been added to the pedal to allow you to use your foot to control the time on Delay A. Make sure you turn off the pedal before connecting an expression pedal.

Footswitches

The Deep Space features true bypass switching. To activate the effect, press the BYPASS switch. If the green LED next to the footswitch is lit, the signal goes through the effect. If the LED is turned off, the effect is bypassed. The LO-FI switch is used to activate a very long delay time on delay B. When the LO-FI switch is turned on, the green LED next to that switch will be lit. With the LO-FI switch engaged the delay time ranges from about 650ms to 1s.

Presets

These are a few presets to get you started on your journey to Deep Space. Apart from the given examples there are still a ton of other combinations that can be achieved so keep on experimenting!



WARNING

When using the Deep Space to generate oscillations and noise, always start with the MIX A and MIX B controls at a very low setting. The oscillations generated by the Deep Space can be very loud and may damage your ears when playing on high volumes!

Technical Specifications

Input

Impedance	1 M Ω
Connector	Tip - Hot Sleeve - Ground

Output

Impedance	1 k Ω
Connector	Tip - Hot Sleeve - Ground

Expression

Connector	Tip - Ground Ring - Hot Sleeve - Not Connected
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Power

Input	9V DC
Consumption	100 mA max
Connector	2,1 mm negative centre barrel

Dimensions

w x d x h	188 x 122 x 55 (mm) 7,4 x 4,8 x 2,2 (inch)
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