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REPLICA

True Stereo Tap Delay



By T-REX Effects - Denmark

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www.t-rex-effects.com

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HELLO (HELLO, HELLO...)

The main controls on your *Replica* pedal are the **ECHO**, **REPEAT**, **TEMPO**, and **VOLUME** knobs, while the **HI-CUT** can provide further tone variation, **INPUT GAIN** control your input signal, **MODERN/VINTAGE** selects between clear digital delay and vintage analogue tape echoes. The **NOTE DIVIDER** switches between a quarter note, a quarter note triplet, and a dotted eighth note delay rhythm. An ingenious **TAP** button lets you set the tempo on the fly without missing a beat. The **ON/OFF** switch will bypass the effect.

ECHO determines the mix of direct signal and delay. Turn it down for a subtler natural effect and crank it up for doubling or freaky long delay effects.

The **REPEAT** knob lets you control the number of times a sound is repeated – from just once to virtual infinity.

TEMPO determines the speed of your echo. **TIP:** to experiment, try tuning in a classic 50s slap-back sound by combining a fast tempo with a low repeat value. Delaytime (40 m. sec. to 1400 m. sec.).

VOLUME lets you adjust the overall output of your Replica.

The **TAP TEMPO** button in the bottom-right corner of your Replica lets you set the tempo of your delay while you play. Just tap along to the beat, and you're up and running.

Use the **HI-CUT** to take the high-end edge off your delay and recreate the great tape-echo effects of the Golden Age of rock 'n' roll.

The 3 position **NOTE DIVIDER** switches between a quarter note, a quarter note triplet, and a dotted eighth note delay rhythm.

INS AND OUTS

Replica's input and output jacks offer many setup options and are designed to protect the integrity of your sound. Even when your delay is switched off, the FET-bypass circuit makes sure your signal stays pure with the correct impedance all the way to the amp.

Use Left input and output for mono set-up.

MIDI

The MIDI jack (input only) lets you control three MIDI functions, which can be externally controlled from a MIDI device sending MIDI CC's or MIDI Clock.

Control Change:

Replica can be controlled by MIDI control changes. It can be turned ON and OFF with MIDI Control change 21. If the value is 0 in the control change, it will turn the pedal OFF. If the value is 127, then the pedal will be turned ON.

It is also possible to tap in a delay by using control change number 20. The value is not used. The Replica measures the time between each control change no matter what the value is.

***Send MIDI CTL no. 20 to control Tap Tempo,
Value 0 = OFF, Value 127 = ON***

***Send MIDI CTL no. 21 to control Delay ON/OFF
Value = Not used***

MIDI Timing clock:

This is the third option to control the speed for the Replica. This way, a Master clock can be received so that the Replica always is in sync with keyboards, drum machines, etc.

Turn OFF MIDI clock:


In some rare cases, a MIDI conflict in your system can occur. Therefore, turning off the MIDI clock is possible as a quick fix.

Push down the TAP TEMPO bottom at power-up. The MIDI clock will be disabled. It will automatically be turned ON again after being turned OFF and powered up again.

Please note!

Your Replica can be used in an effect loop but note that input signals above 2 dB can cause distortion!

TECHNICAL SPECS

Input Impedance @1KHz	> 1M Ohm
Output Impedance @1KHz	< 1K Ohm
Min. power supply voltage	8,5VDC
Max. power supply voltage	12,5VDC
Power supply	9 VDC · 2,1 mm barrel plug · 
Current draw @ 9VDC	145 mA
Max. input level Vp-p	Adjustable
External connectors	Input jack L&R, Output jack L&R, 9VDC jack, MIDI (5 pole female DIN plug)
Controls	Echo, Repeat, Tempo, Volume, Input gain, Hi-Cut, Vintage/Modern switch, Note divider switch, On/Off, Tap tempo
Pedal size incl. knobs (W x H x D)	100 x 55 x 120 mm / 3.9 x 2.2 x 4.7 in
Weight excl. battery & packaging	0.380 kg / 13.4 oz

T-Rex warranty conditions

T-Rex offers a 2-year warranty on all our products. In the unlikely event of a malfunction, please contact our technical support at service@t-rex-effects.com before sending us the product for repair. Read more about warranty conditions at www.t-rex-effects.com/service

About T-Rex

Based in Vejle, Denmark, T-Rex Effects makes classic and signature effects pedals for the world's best musicians. Our approach blends hi-tech innovation with old-world craftsmanship – always in the service of killer tone.

EU regulations • Environment protection

T-Rex accepts and follows the regulations and directives issued by the EU. We find these environment protecting regulations very good, and we are happy to follow them.



SUBJECT TO CHANGE WITHOUT NOTICE