



T-120 VIDEOTAPE ECHO DELUXE

Additional Features Overview

OUTPUT

MONO OUTPUT:

use a standard mono (TS) 1/4" patch cord.

STEREO OUTPUT:

use a 3-conductor (TRS) 1/4" patch cord that splits off into 2 mono cords. Left Channel is output on the Tip of the TRS plug, Right channel on the Ring.

SWELL SWITCH

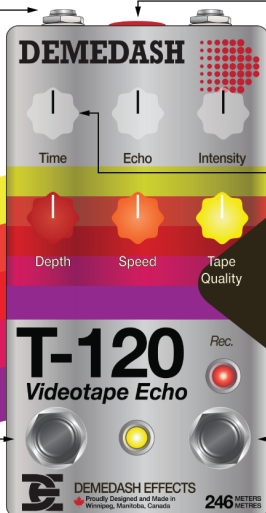
Causes the echo repeats to swell up in volume.

Higher 'Time' settings will cause swells to take longer to build up, as each repeat takes longer to come through. Varying 'Time' while holding the swell switch also leads to some amazing sounds.

When released, the rate of decay is dependant on the setting of the 'Intensity' knob.

This control works both while the effect is engaged and **while the effect is bypassed**, momentarily engaging the effect as well as swelling the repeats.

When in bypass, try pumping this switch rhythmically, as you would a wah pedal, to create a unique, periodic delay sound.



DC POWER JACK

Use standard Boss-Style 9v Center-Negative power supply. Maximum Current draw \approx 80mA

TIME

Sets the speed of the delay line.

When set above noon, the lowered sampling rate of the delay line produces artifacts that increase in volume as the time is increased.

Certain amps accentuate the frequencies where these artifacts live, so if you find the noise floor being substantially increased, try lowering the delay time.

BYPASS SWITCH

Engage or bypass the effect.

With 'Trails' mode engaged, bypassing the effect will not cut off repeats - they will be allowed to echo out and decay naturally, while no new echos are created.

Engaging 'Trails' mode may cause noise to pass through in bypass mode if the 'Time' knob is set higher than noon.

Disengaging trails mode will stop any noise coming through while in bypass.



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Internal Dip Switch Configuration

Remove the back panel of your T-120 to access the configuration switches, mounted on the circuit board as shown.

(Take care not to sever any connections or spill any liquids on your pedal while the back is open)

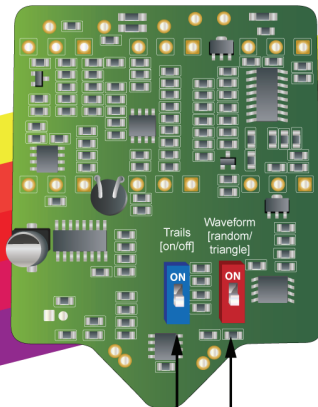
TRAILS ON/OFF

Blue Dip Switch

Configures whether or not echos are allowed to ring out when you switch the effect off.

If ON, the output of the delay line is always connected to the output of the pedal, but in bypass no signal gets fed into the delay so no new echos are created.

If OFF, the output of the delay line is only connected to the output of the pedal when the effect is engaged, and echos will be cut off upon disengaging the effect.



WAVEFORM

[Random/Triangle]

Red Dip Switch

Configures the type of waveform that induces pitch modulation in the delayed signal.

Triangle (off) is the classic *almost-triangular, almost-even up-down* shape of normal T-120 modulation.

Random (on) is a gliding, unpredictable, almost detuned sounding waver that absolutely nails the sound of stretched tape.