

//// dedalo
mdt6
MÁQUINA DEL TIEMPO / TAP TEMPO DELAY

Congratulations, you got the Maquina del Tiempo!

The legendary sound of a tape echo two heads and the Tap Tempo technology, are combined in this delay generating machine. Create ambience, rhythmic patterns, extend the dimension of sound and do ad-infinity repeats with the Feedback control at your feet.

- Double simultaneous delay
- Up to 1200ms of delay time
- Tap Tempo with several subdivisions
- Vintage tape echo sound
- Analog circuit for saturation and filters
- Modulation of the repeats
- Infinite feedback and Tap Feedback
- Analog Dry Through
- True Bypass

Operation

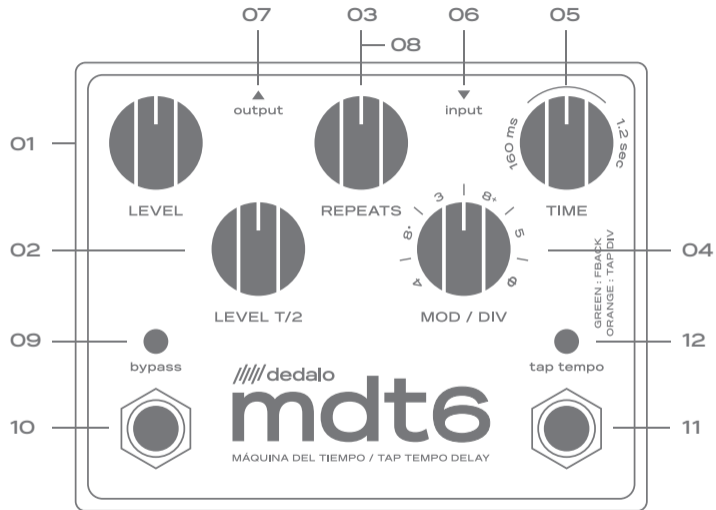
Just like a two-head tape delay unit, the MDT has two delays that run together, with two chips being fed in series (one after another). Each chip provides up to 600ms of delay, which allows us to get up to 1200ms in total.

At the output of the first chip, the tone of the repeats is clear and cleaner, perfect for rhythmic delays or when you want it to cut in the mix. At the second chip, the repeats are darker sounding and with more analog saturation, which increase gradually in each repeat. Perfect for all kinds of ambients and shoegazing.

When both are combined new sounds are obtained in a superposition of rhythmic echoes, in particular when using the special subdivision options.

Subdivisions table

	DIV	Total	T/2
Normal	4	4/4 (Quarter)	4/8 (Eight)
	8	3/4 (Dotted eight)	3/8 (Dotted sixteen)
	3	2/3 (Triplets)	1/3 (Eight triplet)
Special	8+	3/4 (Dotted eight)	4/8 (Eight)
	5	4/4 (Quarter)	2/5 (Fifth)
	ϕ	4/4 (Quarter)	Golden ratio



Controls

O1 - LEVEL Output level of the delay.

O2 - LEVEL T/2 Output level of the first chip, with delay time T/2 (See Subdivisions table).

O3 - REPEATS Number of repetitions, by means of analog feedback. At maximum, it will generate a runaway feedback. Feedback is taken from the output of the effect, so it is affected also by both Level controls.

O4 - MOD/DIV Modulation of the delay time. In mild settings, repetitions are blurred, achieving the organic tape echo sound. The depth increases up to extreme effects of tape wow and vibrato. Holding down the Tap Tempo switch for 5 seconds, gives access to the DIV control, allowing you to select the mode and tap subdivision. Turn the knob while the switch is held down, and release the switch once the desired position is marked. For optimum performance, position the knob to the center of the desired value.

O5 - TIME Total delay time. From 160ms to 1200ms.

O6 - INPUT Effect input, connect your instrument here.

O7 - OUTPUT Effect output, connect your amplifier here.

O8 - DC 9V Power supply input, connect your dc adapter here.

Controls

09 - LED Lights up when the effect is engaged.

10 - TRUE BYPASS Turns on/off the effect. The true bypass switch allows your sound to remain intact when the effect is off.

11 - TAP TEMPO Optical switch for the functions:

- **Tap Tempo:** Controls the delay time by means of tapping in the switch. To use it, simply tap on the switch between three and eight times, at the desired speed. The resulting tempo is the average between the taps, and will remain until a new tempo is set by either tapping or turning the TIME knob.

- **Tap Feedback:** Holding down for one second it enables/disables the feedback increase. It allows to increase the repeats above of the Repeats setting by using your foot. Feedback here is taken from the second chip output and is independent on the setting of Level controls, so it can achieve some different sounds in particular when using the special subdivisions. Indicator led will change to Green color when the feedback is activated.

- **Tap Div:** Holding down for five seconds it gives access to the DIV control setting (see item 4). Indicator led stops blinking and changes to Orange color.

12 - LED Tempo and mode change indicator. Blinks at the current delay time setting and its color indicates the mode in use.

Order in the effects chain



Technical specifications

Model 2016 - MDT-6

True Bypass

Input impedance: 700Kohm

Power supply: DC 9v center negative (minimum 100mA)

Power consumption: 80mA at 9v DC

Dimensions: 12cm x 9.4cm x 5.4cm

Weight: 475gr

Trimpots:

RV2: Input Trim: Input level to the delay circuit

RV3: Feedback: Maximum feedback

Use and care of the pedal

- Use only regulated 9v dc adapter, with negative center polarity. In no way should be connected to 220V or adapters of other kinds.
- Avoid dropping, hitting or exposing the pedal to extremes of humidity or temperature.
- To clean the pedal, use a dry cloth.
- Do not remove the protective silicone legs, they protect the pedal from shocks and external pressures.

Problems and solutions

- *The LED lights up but there is only sound when the effect is in bypass:*
Make sure the instrument is properly connected to the INPUT jack, and the amplifier to the OUTPUT jack.
- *The indicator LED doesn't light up:*
The pedal is not connected to a working DC adapter.
- *The effect is too weak, or the sound is unduly saturated:*
Use an appropriate DC adapter. If the pedal is connected in a loop, check its send and return levels.
- *The pedal makes a low pitched hum:*
Feed the pedal with a regulated dc adapter of sufficient amperage
- *The sound cuts out intermittently:*
This may be due to a failure in the true bypass switch. See warranty terms.

Terms of warranty

- The warranty is only valid for the original owner for 2 years from the date of purchase.
- The warranty must be requested on the trade where the pedal was acquired.
- DEDALO ensures that the pedal is free from defects in materials and workmanship.
- DEDALO will choose to repair or replace any faulty piece on the pedal at its sole option.
- Failures due to accident or misuse are not covered in the warranty.
- DEDALO is not responsible for any loss or damage the user may suffer as a result of using the pedal.
- Power adapter not included in the warranty.
- In this pedal there is no piece that could be repaired by the user. The repair or modification by personnel not authorized by DEDALO will void the warranty.
- Shipping or other fees that may arise, are not covered by warranty.

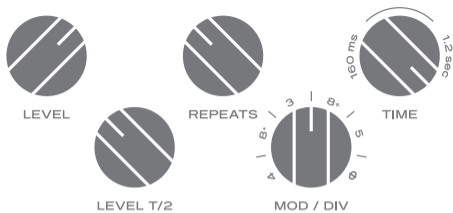
Sound Settings

Register your pedal!

www.dedalofx.com.ar/register

www.dedalofx.com.ar

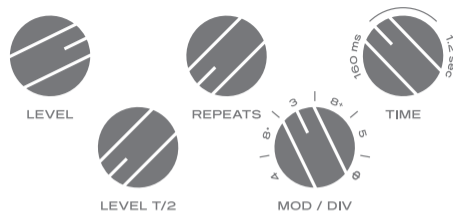
Sound Settings



Space Echoes

DIV: ϕ / FBACK: On

Sound Settings

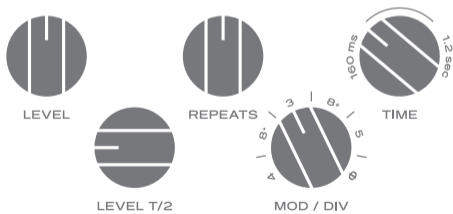


Dotted Eights

DIV: 8• (Use tap)

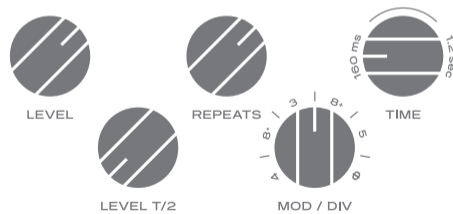
FBACK: On

Ambient Lead



Infinite Feedback

FBACK: On



Sound Settings



LEVEL



REPEATS



TIME



LEVEL T/2



MOD / DIV

Rhythmic Pattern

DIV: 5 / FBACK: On

MADE IN ARGENTINA

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