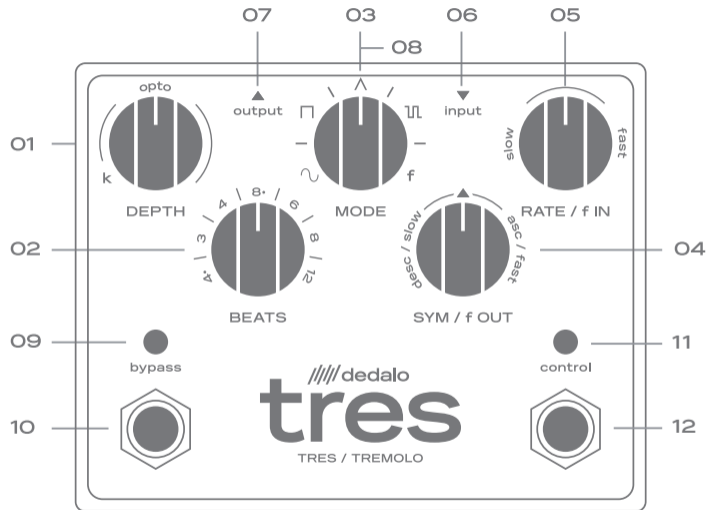


//// dedalo  
**tres**  
TRES / TREMOLO

## Congratulations, you got the Tres!

With its FET/LDR analog circuit which provides the most organic and warm tremolo, and its innovative  $\mu$ -control technology, the Tres lets you create waveforms and sounds that had never been possible. From the classic “vibrato” of old amplifiers, to rhythmic patterns and Fade/Kill effects.

- Double analog modulation technology: optical and FET
- 4 waveforms: sine, square, triangle and pulse
- Kill mode with more than 50dB of depth
- Beats control with 7 bar subdivisions
- Control for symmetry of the LFO
- Optical switch for functions *Tap Tempo*, *Fade* and *Foot-Speed*
- Tap Sync and Bypass Sync
- True Bypass



## Controls

**O1 - DEPTH** Depth of the tremolo effect. At minimum, the “k” (KILL) mode is activated: the modulation is made by the FET circuit and the sound gets chopped with sharp edges and more than 50dB of depth. Rotating the control to the right the Opto mode is activated, with its depth increasing from zero to the max as the control is turned. The Opto mode allows for the different waveforms, and provides a softer sound even in the square waves.

**O2 - BEATS** Active only in Pulse mode. The oscillation cycle is divided into the number of times (beats) indicated by this control: 4 • (dotted), 3, 4, 8 • (dotted), 6, 8, 12. E.g: If you select 6, the complete cycle is divided into 6 beats, creating a rhythm in 6/8. For optimum performance, position the knob to the center of the desired value.

**O3 - MODE** Choose from four waveforms and the special mode “f” (FADE).

- **Pulse:** Two rhythmic pulses. The oscillation cycle corresponds to one bar, where the first pulse falls on beat 1 and the second falls on beat 3. The controls BEATS and SYM allow you to set the parameters for this mode.
- **Triangle:** Triangular waveform. Softer tremolo.
- **Square:** Square wave. Deeper tremolo.
- **Sine:** Sine wave. The classical “vibrato” of old amplifiers.

## Controls

- **f**: FADE mode. In this mode the LFO stops and the output level is controlled by the Control switch between full level (switch released) and silence (switch pressed). This allows to do the tremolo effect with foot movements, or make fade in and fade out effects (like for example backwards guitar sounds). The fading time is set by the controls f IN and f OUT. When the KILL mode is active, the switching between levels is made with no transition time for a Kill Switch effect. For optimum performance, position the knob to the center of the desired value.
- O4 - SYM / f OUT** Symmetry of the waveform. Turn to the right to increase the rise time, and to the left to increase the fall time. In the center, the rise and fall times are equal. In PULSE mode, it controls the duration of the second pulse. Turn to the right for longer duration. In FADE mode, it controls the fade out duration. Turn to the right for faster times.
- O5 - RATE / f IN** Oscillation speed of effect. In FADE mode, it controls the fade in duration. Turn to the right for faster times.
- O6 - OUTPUT** Effect input, connect your instrument here.
- O7 - INPUT** Effect output, connect your amplifier here.
- O8 - DC 9V** Power supply input, connect your dc adapter here.
- O9 - LED** Lights up when the effect is engaged.

## Controls

- 10 - TRUE BYPASS** Turns on/off the effect. The true bypass switch allows your sound to remain intact when the effect is off. Besides, the LFO is synchronized to the start of the cycle each time the pedal is activated by this switch (*Bypass Sync*).
- 11 - CONTROL** Optical switch for the functions:
  - **Tap Tempo**: Controls the effect speed by means of taping in the switch. To use it, simply tap on the switch between three and sixteen 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 Rate knob.
  - **Tap Sync**: If you make a single tap on this switch, the LFO gets synchronized to the beginning of the cycle. This function is only active when the rate was previously set by the Tap Tempo
  - **Foot-Speed**: Modifies the speed of oscillation of the effect. The rate will rise gradually to its maximum speed while the switch is pressed, returning to the speed indicated by the RATE control (or set by Tap Tempo) when it is released.
  - **Fade**: In FADE mode this switch controls the output level, doing the tremolo and fade effects by movements of the foot.
- 12 - LED** Speed and mode change indicator. When changing modes, the LED will blink indicating the change.

## Use and care of the pedal

- To place a battery, remove the lid by removing screws.
- 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.
- Disconnect the input when the pedal is not in use to avoid battery drain.
- Remove the battery if you don't plan to use the pedal for a long time.
- 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, or to a charged battery.
- *The effect is too weak, or the sound is unduly saturated:*  
Put a new battery or try an appropriate DC adapter. If the pedal is connected in a loop, check its send and return levels.
- *The pedal makes a high pitched whine:*  
The battery has insufficient charge.
- *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.
- Batteries or power adapter are 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.

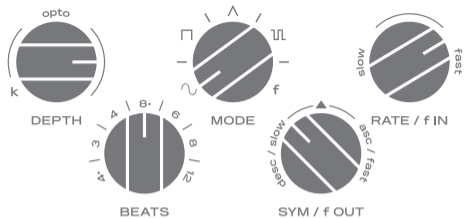
## Sound Settings

Register your pedal!

[www.dedalofx.com.ar/register](http://www.dedalofx.com.ar/register)

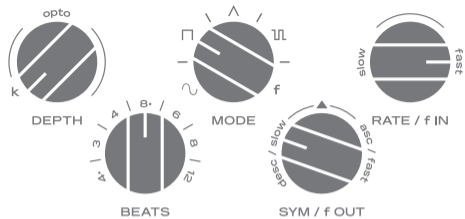
[www.dedalofx.com.ar](http://www.dedalofx.com.ar)

# Sound Settings



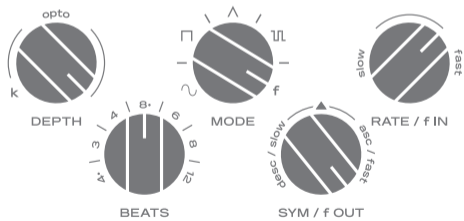
# Surf Trem

# Sound Settings

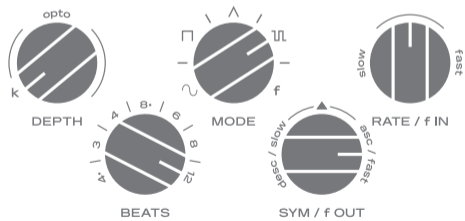


# Chopper

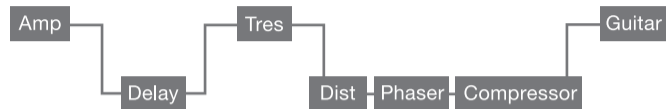
# Backwards Guitar Use control



# Heartbeat



## Order in the effects chain



## Technical specifications

Model 2015 - TRS-5

True Bypass

Input impedance: 700Kohm

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

Battery Power: 9v Alkaline

Power consumption: 40mA at 9v DC

Dimensions: 12cm x 9.4cm x 5.4cm

Weight: 475gr

**Trimpots:**

RV1: Level: output level of the effect.

[www.dedalofx.com.ar](http://www.dedalofx.com.ar)



MADE IN ARGENTINA

 dedalo