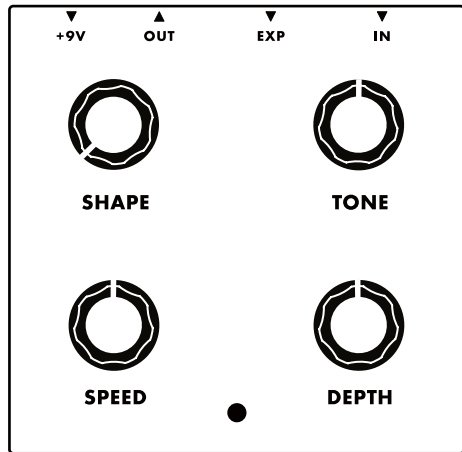


# REVERSE



**DEPTH** - At minimum the tremolo effect is subtle and mostly dry. As Depth is increased more tremolo effect is blended in the mix causing phase cancellation and addition effects. At center position the sound will begin to gallop and swing. This impact on the sound varies significantly depending on Speed. At maximum position, the tremolo speed doubles and all sound is sent through the Tone control.

# SPECS

**SIGNAL PATH:** 100% Analog

**BYPASS TYPE:** True bypass

**POWER:** +9VDC

**WEIGHT:** 18oz (0.5kg)

**ENCLOSURE:** Cast aluminum

**DIMENSIONS:** D=5.75" (14.4 cm) W=3.25" (8.3 cm)  
H=2.25" (5.8 cm)

**LFO SPEED:** 0.6Hz to 12Hz, with Shape in Mid-position

**STONE CONTROL:** 165Hz - 20KHz Lowpass Filter  
6dB/Octave (wet signal only)

**EXPRESSION:** Controls Speed (Max Input level +5VDC)

**INPUT IMPEDANCE:** 1 MegaOhm

**OUTPUT IMPEDANCE:** 200 Ohm Max

**CURRENT:** 11mA

# REGISTRATION

Register your Minifooger & double Moog's warranty.

[WWW.MOOGMUSIC.COM/REGISTER](http://WWW.MOOGMUSIC.COM/REGISTER)

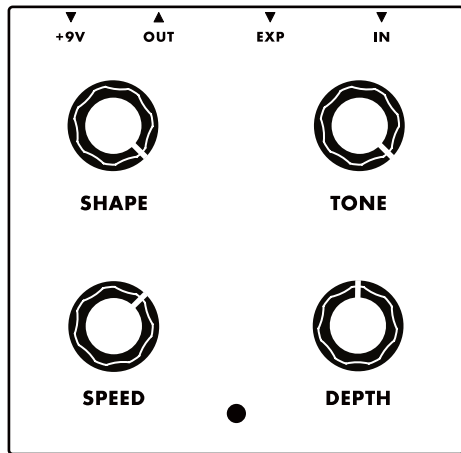
Moog Music warrants that its products will be free from defects in materials and workmanship, and shall conform to specifications current at the time of shipment, for a period of one year from date of purchase. For Warranty details please visit [www.moogmusic.com/warranty](http://www.moogmusic.com/warranty)



# MF TREM

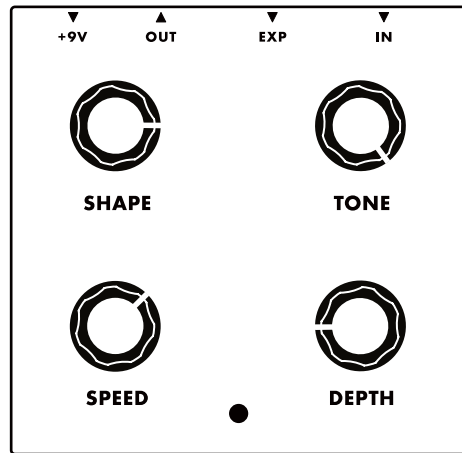
QUICK START

## RAY GUN



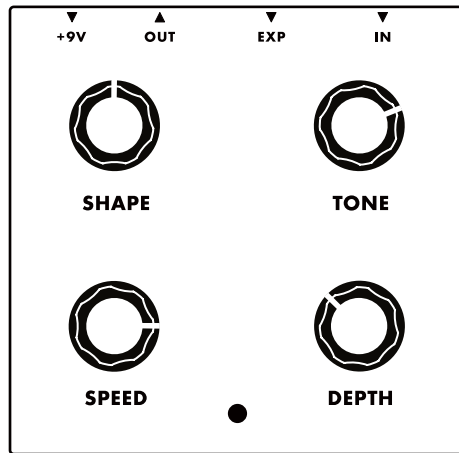
**SHAPE** - Sweeps between modulation waveshapes. Center position has a smooth rise and fall. This is great for creating optical tremolo sounds. Hard right has a hard impact followed by a smooth decline. This creates abrupt and percussive behavior that is very musical when paired with the Tone knob. Hard left has a smooth lift and abrupt drop off which creates a sound similar to a reverse effect at slower speeds and a rotary speaker at higher speeds.

## HARD TREM



**TONE** - This control affects the Tremolo signal only leaving the dry signal untouched. At maximum, all frequencies are affected by the tremolo. As the Tone control position is decreased, the effect of the tremolo becomes more subtle. From the mid position down, the Tone control can be used to dial in sounds that impact only low frequencies in your guitar or to shape classic rotary swirl and phase-like effects.

## OPTO TREM (Use EP-3 to control speed)



**SPEED** - Sets the overall Tremolo rate. At slower settings the sound is swirling, lush, and transformative. As the Speed is increased the sound becomes tighter and more like a rotary speaker. The Shape and Depth controls will directly affect the perceived speed and rhythm of your Tremolo as they are increased from minimum to maximum position.

**EXPRESSION PEDAL INPUT:** Assigned to Speed. Use it for swells and transitions between high and low settings.