

Thank you for buying the Mad Professor Double Moon pedal!

Double Moon

The Mad Professor Double Moon is a small, easy to use and super versatile pedal for a wide variety of modulation sounds. True analogue bucket brigade signal paths with a Tone control makes the Double Moon a long-awaited modulation pedal for today's guitar player.

Double Moon pedal has 11 carefully designed modes that will let you dial in, not only all of the classic modulation effects, but far beyond that. All of the sounds are easily reached from a rotary switch: 3 chorus effects, 3 dual chorus effects, 3 flanger effects, flanger+chorus and a vibrato.

You can further on fine tune the LFO wave or Regen depending on the mode by the Control knob. The Depth knob will let you dial in the desired amount of the effect and the Speed knob will control the speed of the effect.

Modulation effects from mild to deep, motionless to faux-Leslie type, it's all there with the added Tone control!

FEATURES

- Adjustments for all the sounds: Speed, Depth, Tone
- Sound dependent control: Modulation waveshape, regen or speed difference between choruses
- True analogue bucket brigade signal paths
- True bypass
- Power supply or battery operated. Due high current consumption battery operation time may be only few hours with fresh battery.

INPUTS AND OUTPUTS

- Mono input
- Mono output
- 9VDC power supply input, 2.1mm plug center negative and positive sleeve.

TECHNICAL SPECIFICATION

- Supply voltage range 8.5V to 12V
- Current consumption 85mA at 9VDC
- Input impedance 500kΩ
- Output impedance 1kΩ
- Dimensions 113 x 65 mm
- Weight 300g

CONTROLS

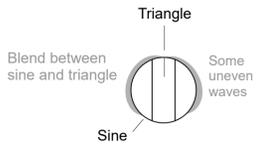
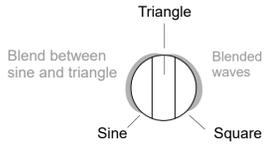
- **MODE:** Selects the active modulation sound
- **SPEED:** Controls the speed of modulation effect
- **DEPTH:** Controls the depth of effect
- **TONE:** Adjusts the attenuation of high frequency tone in effect
- **CONTROL:** Program dependent control, see the program matrix

If there is an annoying whining in flanger sounds then turn TONE, CONTROL or DEPTH down a bit.

LED STATES

- **LED OFF:** Effect is off
- **LED ON:** Effect is on
- **RAPID LED BLINKING:** Supply voltage is too high and effect is OFF to protect internal circuits
- **SLOW LED BLINKING:** Supply voltage is too low and effect is OFF

Double Moon sound matrix

Sound	DESCRIPTION	CONTROL KNOB
C1	Mild chorus	LFO waveshape 
C2	The classic and dreamy chorus sound.	LFO waveshape
C3	A tasteful, smooth chorus that can produce a fantastic faux-Leslie tone at faster settings.	LFO waveshape
DC1	A lush, three-dimensional sounding dual chorus effect. This sound uses two delay lines that are modulated 180-degrees out of phase with each other, which creates a three-dimensional "motionless" chorus.	LFO waveshape for one of the choruses
DC2	Second dual chorus option. This sound uses two delay lines that are modulated 120-degrees out of phase with each other.	LFO waveshape for one of the choruses
DC3	Dual chorus with choruses modulated in different speeds with each other.	The speed difference between choruses
F1	A short delay time flanger.	Regen
F2	Longer delay time flanger.	Regen
DF	Dual flanger. This sound uses two delay lines that are modulated 180-degrees out of phase.	Regen
FC	Flanger and chorus in parallel. This unique combination gives very lush modulation sounds. With some regen it can even produce sounds that are close to 80's tri-choruses.	Regen
V	Vibrato	LFO waveshape 

This product is designed and manufactured by

