

- Output impedance 1 kΩ
- Dimensions 113 x 65 mm
- Weight 300 g

CONTROLS:

- **MODE:** Selects the active reverb program
- **TIME:** Controls the length of reverb tail
- **LEVEL:** Controls the level of effect added to dry signal
- **tone:** Adjusts the attenuation of high frequency tone in reverb only
- **CONTROL:** Program dependent control, see the program matrix
- **FOOT SWITCH:** Effect bypass with brief press/ Freeze or swell control when hold down

LED STATES:

- **LED OFF:** Effect is off
- **LED ON:** Effect is on
- **LED BLINKING:** Supply voltage is too high and effect is OFF to protect internal circuits
- **LED BLINKING WHILE FOOT SWITCH IS HOLD DOWN DURING POWER UP:** Indicates new configuration. See paragraph "Kosmos configurations".

POWER REQUIREMENTS:

6F22 9V battery or DC eliminator 2.1 mm plug center negative and positive sleeve.

The manufacturer claims that the above mentioned product fulfils the requirements as set by EN 55013, EN 55020, EN 60555-2 and EN 60555-3, RoHS and WEEE.

CAUTION!

Never operate the unit with its bottom removed or damage will most likely occur.

Mad Professor pedals carry a 2 year limited warranty.

This product is designed and manufactured by



MAD PROFESSOR AMPLIFICATION LTD
Finland

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MAD PROFESSOR - *KOSMOS* - OWNER'S MANUAL

Thank you for buying the Mad Professor *KOSMOS* pedal!

The Mad Professor Kosmos is a small, easy to use and super versatile pedal for wide variety of ambient reverbs. With just one foot switch you can of course turn the pedal on and off, but also hold the switch for freedzed ambient effect or make beautiful swell effects without the need of a volume pedal.

All the 11 ambient tones are carefully designed, and you can further adjust the tones with four knobs.

The special Control knob has different function on different presets, so please take time to explore all the possibilities.

The Kosmos pedal will open universe of ambient tones, enjoy the pedal and the tones.

FEATURES:

- 11 reverb programs
 - Plate, room, spring and hall
- 3 reverb + shimmer sounds
- 2 reverb + delay sounds
- 2 swell sounds
- Freeze functionality
- Swells are controlled by footswitch
- Adjustments for all sounds: Effect Time, Tone, Level
- Program dependent control: Ducking depth, swell rise speed, shimmer ratio or delay level
- Wet only mode
- Analog dry path
- True bypass

REVERB PROGRAM MATRIX:

Reverb program	Description	Control knob	Foot switch/hold down
P	Plate	Duck depth Defines the amount of automatic reverb level reduction while playing	Freeze function
R	Room	Duck depth	Freeze function
S	Spring	Duck depth	-
H	Hall	Duck depth	Freeze function
SH1	Room with shimmer	Duck depth	Freeze function
SH2	Room with shimmer	Duck depth	Freeze function
SH3	Shimmer sound with adjustable ratio between reverb and shimmer	Reverb and shimmer reverb ratio	Freeze function
RSB	Room with slapback delay	Level of slapback delay	Freeze function
RM	Room with multihead delay	Level of multihead delay	Freeze function
SW1	Swell sound	Swell rise Defines the speed of volume rise when foot switch is hold down	Swell control
SW2	Swell sound	Swell rise	Swell control

KOSMOS CONFIGURATIONS:

Dry + wet

Hold footswitch during power up

Wet only

Rapid led blinking = DRY + WET
Slow led blinking = WET ONLY

- Power supply or battery operated. Due high current consumption battery operation time may be only 2-3 hours with fresh battery.

INPUTS AND OUTPUTS:

- Mono input
- Mono output

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

TECHNICAL SPECIFICATION:

- Supply voltage range 8.5V to 12V
- Current consumption 90 mA at 9VDC
- Input impedance 500 kΩ