This product is manufactured by

MAD PROFESSOR AMPLIFICATION LTD
Finland

www.mpamp.com • info@mpamp.com

MAD PROFESSOR - TINY ORANGE PHASER - OWNER'S MANUAL

Thank you for buying the TINY ORANGE PHASER!

THIS IS A HIGH QUALITY PHASER PEDAL DESIGNED BY BJÖRN JUHL.

Unlike most vintage phasers, the Tiny Orange Phaser is especially tuned for electric guitar.

The tone is very musical and balanced thanks to carefully hand matched parts in the circuit. With the three controls you can fine-tune the phaser effect to your taste.

The controls are:
- **SPEED** sets the modulation speed
- **RESONANCE** adjusts the tone of the effect, making it sharper when increased
- **MIX** works in an unique way and at 12 o'clock it disables the phasing effect

If you turn the Mix control CCW (left) you will get a deep phasing effect. CW rotation (right) will adjust a lighter phasing effect.

The Mix control is the key for setting phaser tone from mild into deep effect.
Speed range and amplitude of the internal oscillator are set to allow high phaser speeds without getting erratic.

You can find classic phasing sounds at about 12 o'clock Speed setting, the lower settings produce a nice floating "Vibe"-type of sound.

C A U T I O N !
Never operate the unit with its bottom removed or damage will most likely occur.

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

Mad Professor Tiny Orange Phaser ELECTRICAL SPECIFICATION:
- Current draw at 9V DC approx. 26 mA
- Input impedance approx. 500K Ohms
- Output impedance approx. 1K Ohms
- Voltage supply range 8V to 10V
- Complete bypass (true bypass) and input of circuit grounded when in bypass

NOTES:
Tiny Orange Phaser is protected against wrong DC eliminator polarity.
Use recommended voltage for best results.

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.

Mad Professor pedals carry a 1 year limited warranty.