

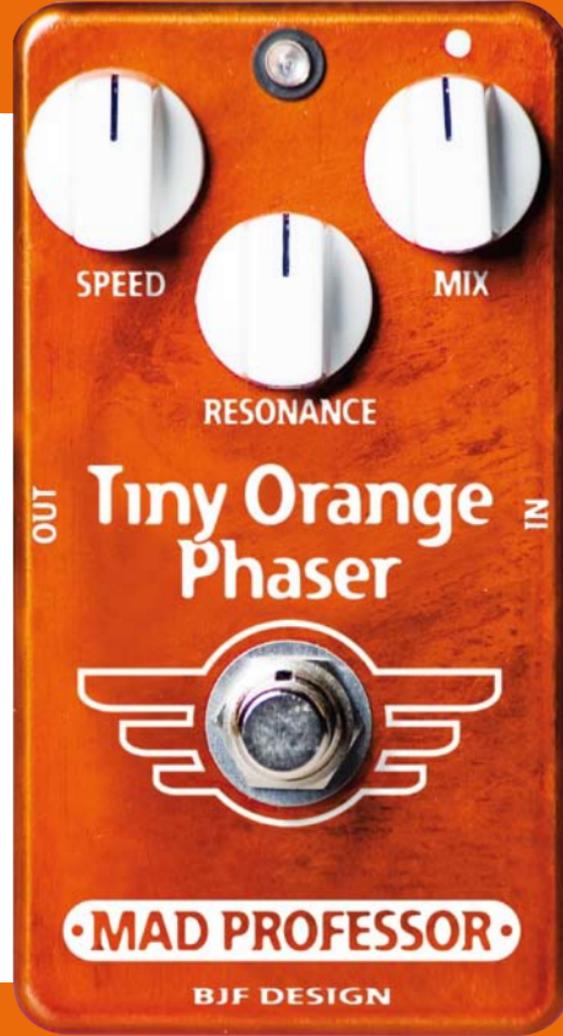


This product is manufactured by

MAD PROFESSOR
Amplification

MAD PROFESSOR AMPLIFICATION LTD
Finland

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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.

SPEED control sets the modulation speed and **RESONANCE** adjust the tone of the effect, making it sharper when increased.

The **MIX** control 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.

The controls are:

- **SPEED**, controls the speed of modulation
- **RESONANCE**, sets the resonance of the effect
- **MIX**, no effect at 12 o'clock, CW and CCW settings controls the depth of two different phase tones

CAUTION!

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. 26mA

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.