

# CYCLONE



Cyclone is an all analog phaser effect voiced after classic phaser designs of the past. We set out to emulate the phasing notches – frequency shifts and the behavior of the original unit that each of the voicings is modelled after. With the addition of extra controls, not part of the classic designs, a whole range of classic and non-classic uses become available making it an ideal texture machine with unparalleled harmonic richness. Besides guitar and bass, it can be used on any instrument and works particularly well with classic keyboard sounds. Place before or after your favorite drive to create different sound effect and texture.

**DC:**  
Plug a 9-12V DC regulated/filtered power supply (- center, + ring). Max current consumption: 45ma @ 9V DC. Using a power supply of 15V DC or more may cause severe damage to the pedal and void warranty.

**45:**  
Voiced after a classic 2 stage phaser born in mid 70's. Add spacy ambience to your sound with this subtle and musical effect somewhere between a warm, organic phaser and a rotary speaker effect. We strongly suggest higher depth settings on this voicing.

**90:**  
Voiced after a classic 4 stage phaser from the 70's. From subtle warm, shimmering modulation to all-out high velocity swoosh. The original units and their alterations/derivatives had little or no feedback signal at all. With the addition of the feedback knob you can emulate all these different versions and then some.

**ST:**  
Voiced after the 1<sup>st</sup> implementation of another classic 4 stage phaser design of the 70's. Stronger and dirtier mid frequency notches for a whirling, pulsating and whooshing phaser effect. The original unit had a switch to select between no feedback and a fixed amount of feedback. With the addition of the feedback knob you can emulate all the in-between settings and more.

**LT:**  
Mesmerising phaser/vibrato. Voiced after a highly sought-after boutique phaser pedal that came to life during the 90's in the UK with 4 distinct phase shift notches. Takes an ideal space between a phaser and a vibe type of effect (depending on settings). Our take focuses mainly on the classic phaser /vibe, not the extreme sci-fi, sounds that were available from the original unit.

**Mix knob:**  
Controls the amount of wet (phaser) signal.

**Depth:**  
Controls the amplitude of the LFO sweep. Start half-way and adjust to taste depending on the selected voicing. Higher settings work great with voicings 45 and LT for wobblier, vibe like sounds.

**Feed:**  
Controls the amount of feedback/regeneration of phaser effect. Higher settings will yield stronger phasing with a more pronounced sweep.  
**Note 1:** Max setting on LT voicing may result in squeals and self oscillation (with depth knob on max setting).  
**Note 2:** Not active on voicing 45.

**Speed:**  
Controls the rate of phasing LFO from a nice slow sweeping phasing effect to fast wobbling dizziness. Has wider range from all original units.

**Expression - Internal pcb sw**  
Accepts standard TRS expression pedals or 0-5V pulses to set or sync the rate (speed) of the LFO. Open the backplate and locate the XP/ SYNC switch. Use a small straight screwdriver to set on XP for use with TRS expression pedals or SYNC for 0-5V pulses (switch is located on bottom PCB).

**Warranty:** Cyclone comes with 5 years warranty. We will provide service/repair at no cost for all internal parts, within 5 years from date of manufacture - buyer is responsible for shipping costs and taxes that may apply. This warranty excludes damages done due to misuse or improper handling.

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