

ROTO SOUND



RKH1

The King Henry Phaser Usage Tips

Rotosound are pleased to present 6 new hand built pedals with a 'nod' to some of the best 1960's analog sounds.

We also wanted to recreate a certain Psychedelic look to these pedals incorporating vibrant colours and groovy artwork.

Painstakingly designed and put together here in the beautiful county of Kent England by a passionate team of musical engineers who between them have had many years working and playing in the music industry, we hope you will enjoy the magic carpet ride of sounds that these new pedals will help you attain, whether at home in your studio or out on the road.

These sturdy bullet proof pedals are made the old fashioned way with strength, ease of use and longevity in mind.

Turn on, tune in, drop out!

A stylized, handwritten signature in black ink, appearing to read 'Jason How', followed by a long horizontal line.

Jason How - Chairman

RKH1 - The King Henry Phaser Usage Tips

This effect unit can reproduce all the classic phase effects with ease and by utilising the peak function, a much wider range of effects can be obtained. It should also be noted that it is not limited for use with guitars only and is equally at home used with keyboards and bass guitars.

The unit is powered by an internal 9V battery (long life battery recommended) or an external 9-12V good quality regulated linear DC wall adapter (centre negative). Please note that many cheaper switch mode adapters/supplies are not suitable for some audio

equipment and may introduce undesirable noise in your signal path when used.

Ensure the unit is unplugged when not in use when running from batteries.

Inserting an audio cable into the instrument input jack will power up the unit. The red LED at the top of the unit shows the effect status:

Constant Red - Unit is bypassed, no effect.

A note about bypass switches in effect pedals

Many makers of effect pedals use momentary transistorised circuits to bypass the effects when not needed. This can have the disadvantage of restricting the signal to the headroom and distortion specification of the connected effect even when the unit is 'bypassed'.

All Rotosound effect pedals feature a 'True Bypass' function so the signal path is completely transparent when bypassed and does not alter the source signal in any way.

Flashing Red - The effect is operating

The LED will flash at the rate of modulation (set by the rate control).

When plugging in an external adapter to power the effect, the internal battery will be automatically disconnected to avoid damage.

Note: The external DC socket is not designed to charge an internal rechargeable battery if fitted. Rechargeable batteries can be used, but must be recharged externally, then fitted inside the unit.

Rate Control

Controls the speed of the Phaser effect, it has a very low speed capability for deep classic phasing sounds as well as a higher speed setting for more of a 'Wah Wah' type effect when used in conjunction with the depth and peak controls.

Depth Control

This controls the depth of the phase effect.

Note: When the depth control is set at the minimum level you will notice that the signal is still tonally affected in relationship to the by-passed signal.

This is completely normal and we call this the 'Static phase' centre position. It is the centre of the phase modulation. As phase is a relative thing, the phasing effect will only become apparent when you have some amount of modulation dialled in.

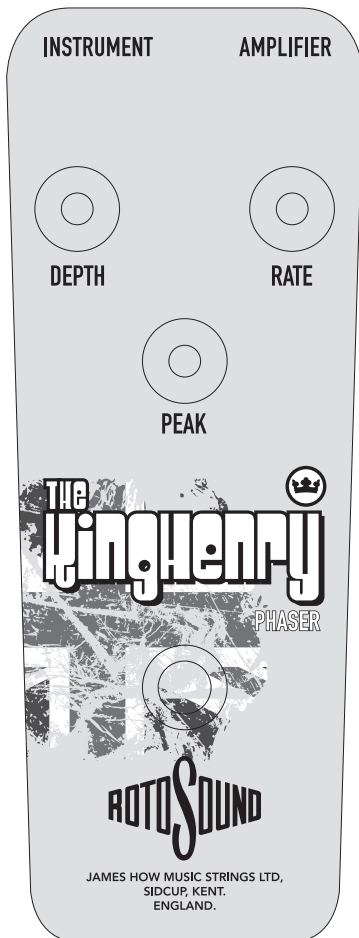
Peak Control

This is a function not found on many other phaser units, this control regenerates the phased signal and sharpens up the effect, great for filtery wah-wah type effects when used with a mid to high 'rate' setting.

With the 'Peak' control at its maximum setting, the signal can sound very sharp (almost oscillating in some cases (dependant on the signal you are feeding it)).

If this is undesirable you can back off the control very slightly for more stability. When using the effect pedal on a more subtle source such as pre-amplified acoustic guitar or synthesiser strings for example try reducing this control to a much lower setting for an added richness to the sound.

Control Layout



Technical Specifications

- High headroom
- Smooth wide range control of rate and depth
- PEAK is a regeneration control for a wider range of phasing effects
- Authentic components and hand wired assembly methods
- Real authentic 60's design techniques using today's technological approach
- Super low power LED indicating unit powered on and effect rate speed
- Input socket for power supply connection (9 volt to 18 volt internally regulated)
- Designed by John Oram of VOX & TRIDENT history
- Hand built at the Rotosound factory, Sevenoaks, Kent, England



world famous music strings

www.rotosound.com