

ROTSOUND



RTC1 The Crusader Chorus 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 'J. How', with a long horizontal stroke extending from the bottom left.

Jason How - Chairman

RTC1 - The Crusader Chorus Usage Tips

Creates very warm sounding analogue chorus effects and by utilising the level function, a much wider range of effects can be obtained with this unit on higher 'Rate' settings.

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.

Note: With the Rotosound Chorus unit there will be a 10-12 sec delay before signal is properly passed through the device after powering the unit by plugging into the instrument jack (rather like a tube guitar amp) This is totally normal for this 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 Chorus effect, it has a wide speed range for creating different effects in conjunction with the depth and level controls.

When using slow to medium rates with high depth settings you can get the warm classic chorus effects. High rates produce a 'spacey' vibrato like effect which can be tamed if too intense by adjusting the level control.

Depth Control

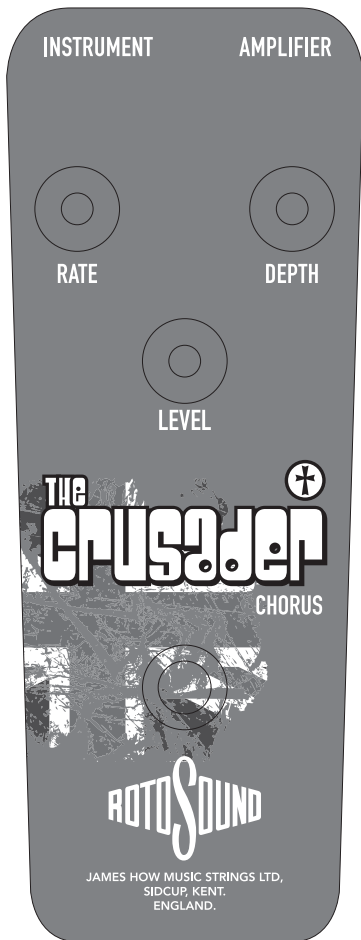
This controls the depth of the chorus effect. Note that at minimum depth there is still a change in tone from 'effect in' to 'effect by-passed' modes.

This is normal and is due to the fixed initial delay required in the signal path to create the chorus effect.

Level Control

A function not found on many other chorus units, this allows you to mix the Level of the effect that is set up by the 'Depth' and 'Rate' controls from 0% present to a 50/50 mix of Chorus and direct signals. This is great for high rate type effects where not having this ability would make the effect too aggressive and less useful in some applications.

Control Layout



Technical Specifications

- High headroom
- Smooth wide range control of rate and depth
- Chorus effect can be mixed from min to max with LEVEL control
- Authentic components and hand wired assembly methods
- Real authentic 60's design techniques using today's technological approach
- Audio dynamics controller providing noise reduction
- 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