

ROTO SOUND



RLV1 The Leveller EQ 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 line extending from the bottom of the signature.

Jason How - Chairman

RLV1 - The Leveller EQ Usage Tips

This unit provides vintage sounding equalisation for use with guitar and because of its wide range is also suitable for enhancing the tone of bass guitar and keyboards.

The unit also features a Germanium signal path, further enhancing the vintage feel.

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

In the case of the 'Leveller EQ' the flash rate will be constant. In other Rotosound pedals that feature modulation (such as the Crusader Chorus) 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.

Control functions

Boom Control

This control covers a large portion of the low and low to mid frequency band and can boost or cut signals at those frequencies by a significant 18dB. When the control is in the 12 o'clock position, it is flat and has no noticeable effect on the signal.

Honk Control

This control covers the mid frequency band (centred around 500Hz) and can boost or cut signals at those frequencies by a significant 18dB. When the control is in the 12 o'clock position, it is flat and has no noticeable effect on the signal. Great for overdriving amps in hi boost mode and equally good for sucking out the mid in cut mode for a great skinny hi-fi funky sound (add Boom and Fizz as well).

Fizz Control

This control covers a large portion of the High-mid to High frequency band and can boost or cut signals at those frequencies by a significant 18dB. When the control is in the 12 o'clock position, it is flat and has no noticeable effect on the signal.

This is the 'Go to' control for adding the top end clarity to a potentially muddy signal without the 'glassiness' you get with typical High EQ's or treble controls. Used in cut mode, you can tame an over bright signal before over drive or roll off all the top for that classic jazz sound.

Note: While it may be obvious to some it should be noted that the 3 equaliser controls on the Leveller will always act in relationship to the type of signal or sound you are feeding into the unit.

For example, the Boom control will react much more dramatically when using the effect on a bass guitar or an electric guitar with the neck pickup selected. You cannot boost what isn't there!

Control Layout

INSTRUMENT

AMPLIFIER



BOOM



FIZZ



HONK

THE
LEVELLER
EQ



ROTO SOUND

JAMES HOW MUSIC STRINGS LTD,
SIDCUP, KENT.
ENGLAND.

Technical Specifications

- High headroom
- Smooth wide range control of low, mid and high EQ frequencies
- Authentic components and hand wired assembly methods
- Real authentic 60's and 70's design techniques using today's technological approach
- Silicon and germanium signal paths
- Super low power LED indicating unit powered on and effect on
- Input socket for power supply connection (9 volt to 18 volt internally regulated)
- Designed by John Oram aka 'The Father of British EQ' of VOX & TRIDENT fame
- Hand built at the Rotosound factory, Sevenoaks, Kent, England



world famous music strings

www.rotosound.com