

ROTO SOUND



RWB1

The Wobbler Tremolo

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

RWB1 - The Wobbler Tremolo Usage Tips

This unit delivers classic vintage sounding vibrato effects.

The circuitry employed in this design is super-clean and ultra-transparent and has no undesirable side effects to the audio signal. In contrast, the unit also features a Germanium signal path which can be dialled in to taste, further enhancing the vintage feel. It is one of the most musically sounding effects of this type ever produced.

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 tremolo effect

This is a wide range control and can achieve all the rates needed for that classic tremolo effect.

Depth Control

This controls the depth of the tremolo effect. When set at minimum, there is no tremolo effect.

It has a versatile enough range to go from very subtle volume changes to completely chopping the audio (this can be used to great rhythmic effect if carefully timed using the 'rate' control)

Note: If this control is moved very rapidly, the tremolo effect will stop for a brief moment. This is normal and is the settling time for the new depth you have selected.

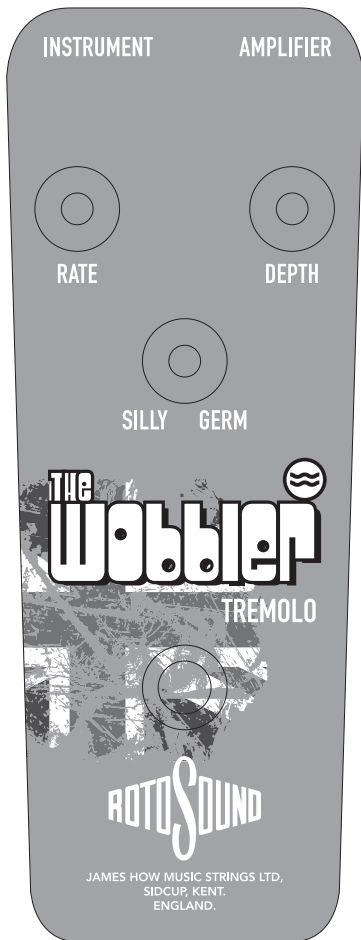
Silly/Germ Control

Sweeps between the silicon (control fully counter clockwise) and Germanium (fully clockwise) signal path.

When swept toward the germanium position you will notice a slight level increase and different timbre (particularly on fast transient attack playing styles)

Germanium components were used in many early vintage effect pedals. This function has been provided to recreate those subtle but interesting vintage tones.

Control Layout



Technical Specifications

- Vintage optical attenuator
- High headroom
- Smooth wide range control of rate and depth
- Unique control of silicon and germanium signal path
- 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