



Handmade Custom Effects



Danneberg Electronics



OWNERS MANUAL

SUPER RANGER - PNP Germanium - TREBLE BOOSTER:

Thank you for purchasing the SUPER RANGER.

Please read this manual carefully before you using and playing with the SUPER RANGER.

Remove the four screws on the back of the pedal and insert a 9-Volt battery block (carbon zinc preferred).

When you do not use the pedal for a long time, always remove the battery.

This pedal sounds best with a cheap 9 volt carbon zinc battery. The SUPER RANGER has a very low power consumption and therefore the battery will last a very long time. Plugging into the input jack turns on the power. Always unplug the input jack when the pedal is not used. This disconnects the battery and extends battery life.

IMPORTANT:

Always unplug the input jack when you change the battery and be careful that you don't touch the battery contacts the wrong way. The SUPER RANGER is a positive ground pedal. Therefore never share (daisy chain) a power supply with normal pedals (negative ground) - you will damage the power supply and your pedals.

- Do not use or store the pedal under moisture conditions.
- Do not store or use the pedal in hot or cold areas and do avoid rough handling.
- Do not use chemicals to clean the pedal, for cleaning use a soft cloth or a soft brush.
- Be careful. Keep it away from children.

CAUTION:

This is a very loud pedal! Always turn the boost knob down (counter clockwise) before you use the pedal, that you do not damage your ears, amplifier or your speakers.

The SUPER RANGER is based on the famous 1960's Dallas R****master (Germanium Treble Booster).

This vintage guitar effect was used in the early years by Rory Gallagher, Eric Clapton, Tony Iommi, Marc Bolan...

The SUPER RANGER is powered with the same N.O.S. OC44 vintage germanium transistor as the original 60's Range M****. This pedal amplifies certain frequencies and adds gain to your notes the higher you play. This will help you to cut thru the mix. This pedal works best with a mild overdriven (cranked) tube amp or into a good overdrive pedal, to receive that beautiful rich tone.

We added true bypass on/off switching and a 3-way (input cap) switch.

Don't put a buffered pedal (non true bypass) between your guitar and the SUPER RANGER. Even when off, a buffered guitar effect pedal will kill your tone. If you use a buffered pedal put it after the SUPER RANGER.

The SUPER RANGER uses a N.O.S. black glass OC44 vintage germanium transistor, which is the secret for that sweet liquid tone. Every transistor is tested for Hfe gain, leakage and tone. Only the best are used in our pedals. The SUPER RANGER cleans up nicely when you roll back your guitar Vol. knob. Turning the boost knob, you will hear the same scratching tone just like the original unit.

The 3-way input cap switch (gets from Clapton to Sabbath):

Middle position (classic treble boost): original R****master circuit

Up position (mid boost): is tuned for single coil guitars

Down position (full boost): full range boost

The SUPER RANGER is built for the purist. This pedal is a high quality clone of the 1960's Dallas R****master. As the original the SUPER RANGER doesn't use a LED or an AC-Jack.

Have Fun, Peace and Rock'n'Roll ! *Danneberg Electronics*

<http://www.danneberg-electronics.com>

Rory Gallagher, Eric Clapton, Tony Iommi, Marc Bolan, Black Sabbath, and other names, trademarks or tradenames are used as a reference and information and are not associated and affiliated with Danneberg Electronics/ICE Industrietechnik Ges.m.b.H. All trademarks are the property of their respective owners. Design and engineering by Danneberg Electronics™

Copyright © 2004-2008 All Rights Reserved