

# HEATSEEKER

For those about to rock... we created the Heatseeker!

The sound of a classic wireless system meets three iconic amps that helped shape the history of rock. From its inception/invention, in the mid-70s, this wireless system has been the secret recipe to major rock guitar rigs. The magic ingredient lies to its analog preamp/ tone enhancer circuit that expands the dynamic response and harmonics of any signal that goes through it. By producing a modern recreation of this hidden gem, we have ensured enough percussive attack to spice up your tone.

Utilizing an all-analog JFET circuit, running on 27 volts via an internal voltage boost, we have captured the tone and feel of three British tube amplifiers synonymous with the sound of rock and roll with excellent clean-to-mean dynamic response. Our "WoS" (Wall of Sound) circuit opens up the soundstage by increasing output and adding thundering lows and dense high mids. The effect is similar to "adding" a wall of amp heads and full stacks to your rig!

A passive effects loop gives you the option to connect your beloved pedals between the two sections, building your ideal rig.

Controls:

## BOOST/ENHANCE SECTION

**enhance:** enhance (accentuate) your guitar signal's dynamic response and harmonics as you turn clockwise.

**level:** control the output of the BOOST/ENHANCE circuit. Turn it up (clockwise) for up to 15db of clean gain (with the enhance knob maxed out) to drive your amp or distortion pedal harder for greater gain and sustain.

## AMP SECTION <sup>(1)</sup>:

**volume** <sup>(2)</sup>: control the amount of amp drive/saturation. From a sparky vintage clean to thick rock and hard rock tones.

**amp voicing toggle switch** <sup>(3)</sup>: a smart switching setup adapts the internal circuit to match the sonic qualities of three iconic amps:

- **45** beautiful cleans to dynamic and crunchy rhythm tones.
- **SL** super iconic lead sounds.
- **MV** late 70s master volume valve saturation tones.

**bass:** adjust the amount of low frequencies.

**mid:** adjust the amount of mid frequencies.

**treble:** adjust the amount of high frequencies.

**presence:** boost or cut the upper mid and high frequencies. Use in conjunction with the treble control to set the high end frequency response.

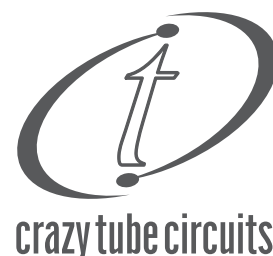
**master:** set the output volume of the AMP section.

**Wall of Sound (WoS) toggle switch** <sup>(3)</sup>: engage the "Wall of Sound" circuit. We have carefully tuned this circuit at the output of the AMP section to increase the soundstage.

**FOOTSWITCHES:** engage or bypass the BOOST/ENHANCE and AMP sections. Both sections are true bypass via high quality relays.

## POWER-UP BYPASS STATE PRESET:

On power-up both LEDs will blink and then go in bypass mode by default. Hold the footswitch(es) during power-up to change the default function to engaged (on state). Repeat the procedure above to restore the previous setting. This function comes in especially handy to people that use remote pedal switchers/loopers as they only set the state of the pedal once and then operate from the controller.



**Connections:**

↓/↑: mono instrument input/output.

**SND/RTN:** passive series effects loop. Connect your beloved pedals between BOOST/ENHANCE and AMP or use the two sections as separate and independent effects when using an external bypass switcher/looper. SND is the output of the BOOST/ENHANCE section, RTN is the input of the AMP section. SND is connected to RTN when no instrument jacks are inserted in the effects loop. <sup>(4)</sup>

**⚡ Power supply:** 9V DC center negative, regulated/stabilized. Isolated power supply is recommended for best performance. Max current consumption 115mA.

**Warning:** This unit was designed for 9V DC input only. It features an internal voltage boost.

**Do not use a higher voltage or reverse polarity power supply as it will cause malfunction and void warranty!**

**Notes:**

<sup>(1)</sup> AMP section does not feature a speaker simulation circuit. It is intended for use as preamp or overdrive pedal with another amp/speaker cabinet. We recommend using a separate speaker simulation device when going direct.

<sup>(2)</sup> Voiced after input "1" – high treble as found on the tube amps that sculpted the 45 and SL settings.

<sup>(3)</sup> A momentary pop is perfectly normal when AMP voicing and WoS toggle switches change state.

<sup>(4)</sup> Any pedals connected to the passive effects loop are still in the signal chain when the BOOST/ENHANCE and AMP sections are true bypassed.

**Warranty: Heatseeker** comes with 5 years warranty from date of manufacture. We will provide service/repair at no labour or internal parts cost within 5 years from date of manufacture - buyer is responsible for all shipping costs and/or customs fees and taxes that may apply. This warranty excludes normal cosmetic wear and damages done due to misuse or improper handling.

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