



The HW-103 is clearly inspired to 70's era of HIWATT Amplifiers, and exactly reproduces that kind of tone made famous by David Gilmour. Big Headroom, punch, and that kind of “pedal platform” neutral clean tone, to be the best friend of any pedals and offers the best solution for rehearsals, gigs, home practice, studio applications, without compromises. The Analog Variable Cabinet Simulator is a 100% analog simulation of different EQ curves that speakers and microphones apply to your amplifier in real life, and with a simple and effective knob, makes you able to find your best sweet-spot to make the direct out sounds exactly like your real speaker behind your back. It is not just another post EQ control, it works on the feedback of certain frequencies, making the cab simulator so much powerful and versatile.

The Amplifier part of the HW-103 is made of a Preamp Level, an entire Tone Stack in the style of the amp it is emulating, and the AMP LEVEL, that set the volume of the amplified sound coming from your connected Guitar Speaker Cabinet. (100W RMS @4 Ohm, 50W RMS @ 8 Ohm, 25W RMS @ 16 Ohm.)

On The left colored side, you have the “direct controls” which refers to the XLR out, such as the XLR level to adjust separately the volume going to the D.I. balanced Out, and the VARICAB that let you find the perfect match between the guitar cabinet sound and your sound coming from the PA.

Ground/Lift switch is recommended when you're connected to other grounded devices to avoid ground loops. Standby/On makes your guitar amplifier in standby mode. Direct switch let you disengage the Analog Cabinet Simulator to let you add your fav IR's based cab sim from other device/DAW.



## TECH SPECS:

<b>Power In</b>	30VDC - 4A (positive TIP)
<b>Power out</b>	100W RMS @40ohm max 3%THD
<b>XLR out Impedance</b>	<20K Ohm
<b>Speaker Output Impedance</b>	4/8/16 Ohm
<b>S/N ratio</b>	<90db
<b>Larghezza (Width)</b>	120mm. (4,7")
<b>Lunghezza (Length)</b>	85mm. (3,3")
<b>Altezza (Height)</b>	30mm. (1,1")
<b>Peso (Weight)</b>	0,5Kg. (1p)

## VARICAB:

The VARICAB control is an Analog Variable Cabinet Simulator that let you find the right sweet spot when going direct to mixer console, audio interface, or wherever you want to hear your guitar/pedalboard, sounds like it sounds with your guitar cabinet. It's not just an EQ control, it works on the Feedback of the preamp, so: Adjust the preamp amount, and just rotate the VARICAB control to change the tone, then enjoy the separate XLR Volume Level - MASTER Level

### TIPS:

The image of a small combo on right and a full 4x12" on left, doesn't mean just Bright-Dark.. but express the complexity of harmonic content, and richness of sound that is typical of different amps. Always check both sides to hear what it changes, cause the Varicab is also meant to better fit different input impedance of different kind of devices. The Varicab effect is strictly dependant by the preamp volume, and our suggestion is to connect it to a line input, instead of a pre-mic input on your Audio interface, to not sum 2 preamps.



PLEASE NOTE: no serviceable parts inside, do not open. Carefully read indications on yellow card inside the box, and yellow label on the PSU's cable. **ALWAYS connect the Amplifier first and then plug the main to wall socket. DO NOT connect the speaker out to any grounded devices.**



## Terms of Warranty

**FOXGEAR** product warranty covers 5 years from date of purchase The warranty does not cover damage caused by accident, misuse and / or neglect, failure to comply with the instruction manual, repair and attempted repair by personnel not authorized by **FOXGEAR LLC**, any damage caused during transport and delivery, (claims must be presented to the carrier); damage to any product that has been altered or on which it has been removed, defaced or altered serial number; damage caused by faulty connections or connections to equipment failures and/or defective power cables. Responsibility of **FOXGEAR LLC** for any defective product is limited to repair or replacement of the product at our discretion. The **FOXGEAR LLC** not be liable for damages resulting from loss of use of the product, lost time operation interrupted by non-use of the product, loss of business or any other damages or incidental, consequential or otherwise; damage in transit or damage caused by inadequate packaging or of poor quality. **Assistance:** Please contact us for information on how, where and when to ship the product after the return has been Authorized by FOXGEAR LLC . The repaired goods should be packed carefully and we recommend not include any accessories such as cables, effects, manuals, etc. . . Please attach a copy of the original receipt of purchase (invoice or receipt) together with a problem description and your personal details. **THE WARRANTY IS NOT VALID 'WITHOUT A COPY OF YOUR RECEIPT OF SALE CERTIFYING THAT THE DATE OF PURCHASE.** Foxgear pedals are designed in Italy and proudly handmade in our own factory in PRC.