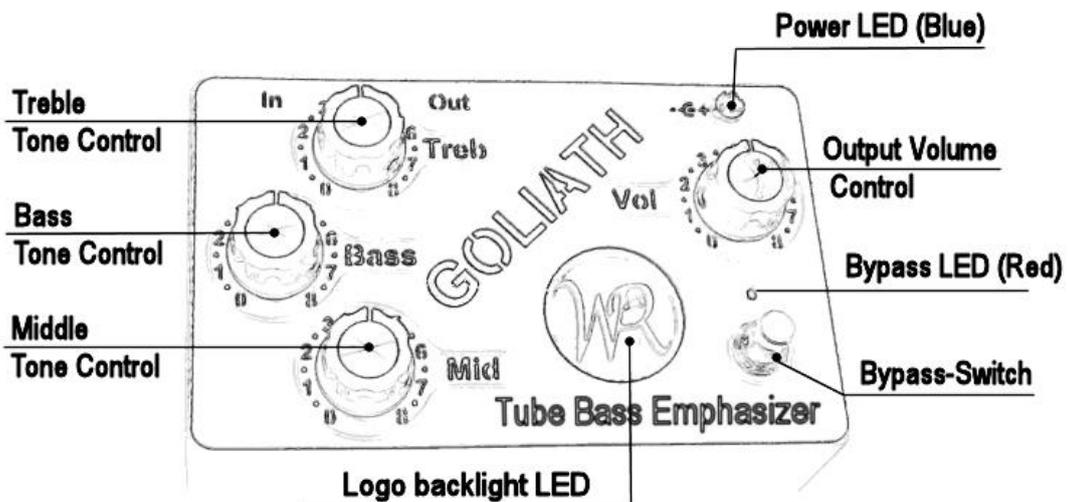
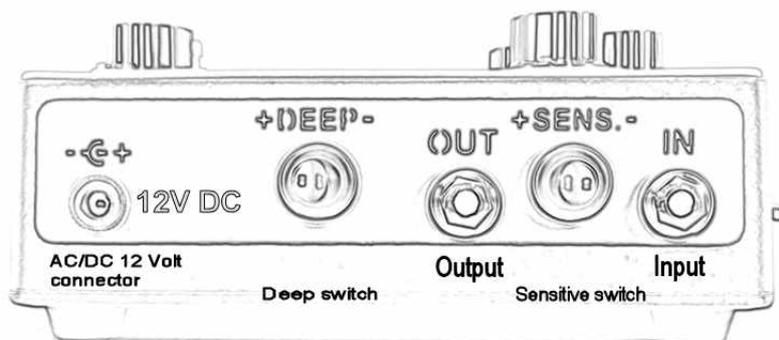


WR GOLIATH TUBE BASS EMPHASIZER

Control and Indicator Light Layout – Faceplate



Controls and In/Out Connections – Top of Unit



WR Goliath Tube Bass Emphasizer

The **WR Goliath Tube Bass Emphasizer** is an exciting new development for bass players wanting the richer, enhanced tonality associated with tubes. This innovative design uses specialised, limited availability, low voltage tubes to create wonderful tone in a limited-edition, hand-built unit.

No bass pedal board should be without one!

Equally effective across the range, from low-level to LOUD, the quality of the sound is consistently high, allowing the same amazing sound on stage as achieved in the studio. The **WR Goliath Tube Bass Emphasizer** will **not** change the basic sound of your Bass Guitar(s) as other preamps often do.

Description

- The **WR Goliath Tube Emphasizer** was created as a way of adding the warm harmonic sounds associated with the use of tubes to set-ups using solid-state amplifiers: to 'push-up' the sound.
- This unit is powered by a 12 Volt DC power supply – as required by the tubes. This special feature of this pre-amp ensures user safety because there is no high voltage on interior or exterior components.
- The **WR Goliath Tube Emphasizer** has been designed to give the best results: a great sound from a robust and easy to use product. The construction methods and components used are selected only for their high quality and the positive effects they contribute.
- The **WR Goliath Tube Emphasizer** is not a mass-produced product. The components are carefully checked, and then each unit is assembled individually, using point-to-point (hand soldered) connections.
- All these steps combine to create a limited edition, hand-built pre-amp of the highest quality that will enhance the sound of any bass guitar setup.

Features

- The **WR Goliath Tube Emphasizer** allows you to get the warm harmonic sound of an electron tube, combined with a little more compression and, if necessary, a higher output volume (controlled by the Sensitive switch).
- The **"Tone controls"** Treble, Middle and Bass allow you to have a good overall sound control, with a good basic Bass sound. The output sound is created by the combination of the settings of all three controls: the frequencies affected by each control are changed somewhat by the settings of the other controls this allows setting more frequencies possibilities.
- The **"Sensitive switch"** allows the Pre-Amp to additionally act as a booster: the Output Gain is increased.
- The **"Deep switch"** includes or excludes a capacitor from the circuit. This increases and slightly changes the Bass frequency.

- The **“True Bypass Footswitch”** allows you to switch the unit between active and passive mode.
- The **WR Goliath Tube Emphasizer** can also be used as standalone unit, for example as a direct plugin to a mixing table or a recording unit etc. (Note: In this case take care to use a DI-box to connect the Goliath with the mixing table or a recording unit etc.) or use the new developed **“WR Goliath Tube Emphasizer DI” the model with integrated DI Box.**
- The use of 12 Volt power supply ensures the safety of the user: there is no possibility of high voltage electric shocks.
- Reverse polarity protection.
- All components are individually selected and are carefully checked before installation.

A respected Bass player has said

*“This unit gives me a warm harmonic sound and the dynamic range over all frequencies of the **WR Goliath Tube Emphasizer** is amazing. I won’t play without it; it gives a pure sound to my ‘solid state’ amplifier and even improves the sound*

Operation

- 1) Connect the **WR Goliath Tube Bass Emphasizer** using the **“JEC Output”** to the Input of your power amp or DI-box.
- 2) Turn the Volume potentiometer of the **WR Goliath Tube Emphasizer** to ‘0’.
- 3) Plug the AC/DC power adapter into a 100 - 240 Volt supply and then connect the lead from the adapter into the DC socket of the **WR Goliath Tube Emphasizer**.
- 4) Plug your Guitar into the Input of the **WR Goliath Tube Emphasizer**
- 5) Enjoy.

Caution: To use the **Sensitive switch** ensure that the unit is in Bypass mode or that the Volume potentiometer is at zero. This will prevent harmful pops.

* When turning the „Treble“ Potentiometer, you may occasionally hear a kind of rasping noise (wiper scratch). This is no technical deficiency, but due to the high sensitivity of the unit. I have taken care to leave out all components not absolutely necessary, to keep the basic sound of the bass as authentic as possible.

Hardware

- Robust Die cast Aluminium Enclosure.
- Tube: ECC86 or 6GM8 (Russian designation), tube designed to work optimally with 12 Volts.
- A **“Sensitive switch”** allowing switching between 2 amplifying stages.
- A **“Deep switch”** allowing the switching of a capacitor in or out of the circuit.
- A **“Bypass switch”**.
- Oversized oil film (Paper in Oil) capacitors for improved tone.
- Large Potentiometers.
- Point to point wiring (hand soldered). This allows reduced length connections between components, and removes the need for periodic cleaning of plug-in connectors.
- Power supply 100-240 Volt AC to 12 Volt DC 1 Amp.

- Reverse polarity protection.

Package

The package contains:

- 1x WR Goliath Tube Bass **Emphasizer**
- 1x power supply (100 - 240 Volt AC to 12 Volt DC 1 Amp)
- Operating Manual/Instructions

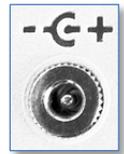
Functionality checks/Problem Solving

- If all LEDs; Power LED (Blue); Switch LED (Red) and logo backlight LED are lit then the unit is working correctly.

- If the Power LED (blue) is not lit, there may be a problem with the power supply.

Please check the power supply and take a look at the polarity poles:

“+” (plus) has to be on the inside, “-“ (minus) on the outside of the jack. (see picture)



- If the “WR” logo backlight LED is not lit there may be a problem with the tube heating circuit.

- If a tube replacement is necessary be sure to use only exactly an ECC86 or 6GM8 (Russian designation) type - no other tube types are suitable and will destroy other electronic components in the pre-amp. If you are unable to find an appropriate tube, contact us. We will send you a tube as soon as is possible.

Technical data

- Weight: 880 g
- Length: 19 cm
- Width: 13,5 cm
- Overall height: 8.6 cm
- Voltage range: 12V AC/DC
- Power consumption: max. 400 mA
- Frequency range: 20 Hz – 16 KHz
- Input impedance: 1 MOhm



You can use this QR code to load the page directly in your smartphone or tablets-pc

If you have any questions, please feel free to [contact us](#)