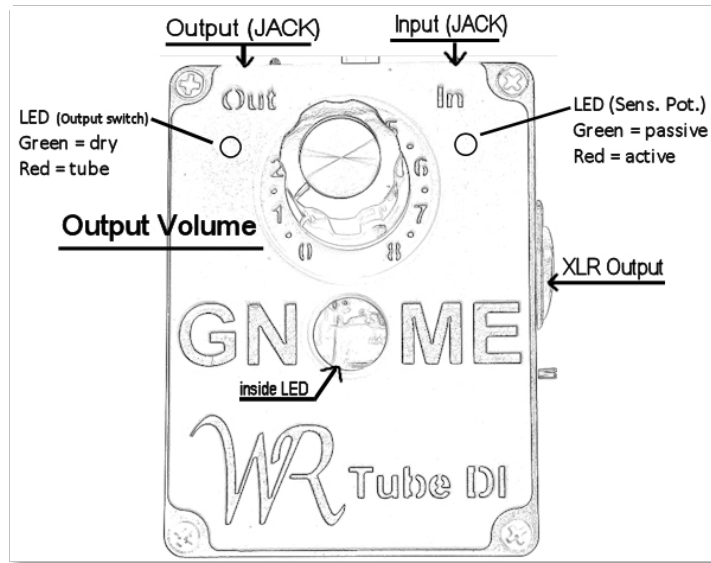
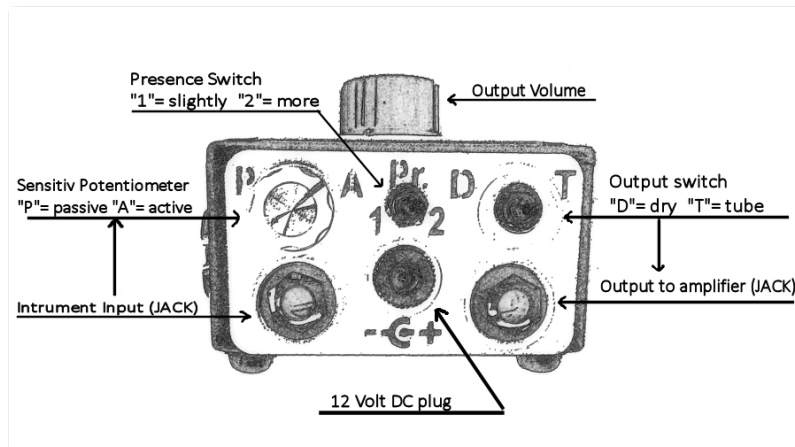


WR GNOME PLUS ACTIVE/PASSIVE "DI"

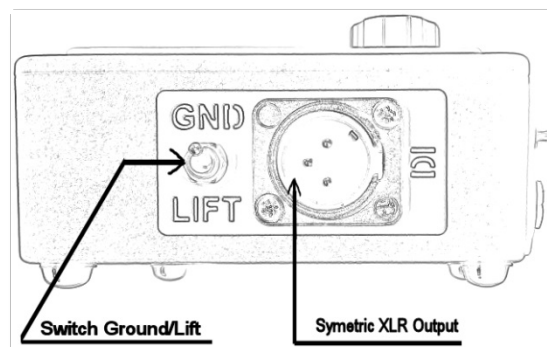
Control and Indicator Light Layout – Faceplate



Controls and In/Out Connections – Top of Unit



Controls and XLR-DI Out Connector



WR GNOME PLUS ACTIVE/PASSIVE TUBE “DI”

The **WR Gnome Tube “DI”** was created as a way of adding the warm harmonics associated with the use of tubes to your sound. Equally effective across the frequency range (20 Hz – 18 KHz), from low-level to loud, the quality of sound is consistently high, allowing the same amazing sound on stage as achieved in the studio. The Plus "active/passive DI box" can also be used currentless. Logically, it is then just a passive DI box without tube sound! This unique and innovative design is based on a specialised and limited availability ECC86 NOS tube, optimized to operate on 24 Volt DC, to create wonderful tone in a limited-edition, hand-built unit.

- The Outputs: The “**Gnome**” is equipped with **2 Outputs** (XLR and 6mm Jack).

- The “**DI**” **XLR Output** is designed for mixing tables or computers and is equipped with a “Lehle” LTDI-L transformer as galvanic isolation. The “DI” Output also works even without connecting to the power supply, in this as a passive “DI” with less Output Volume.
- The **Jack Output** directly connects your instrument to your Amplifier but with the option to use the tube.

- The Switches:

- The **Presence switch “Pr.”**, has 3 positions: 1-0-2. This filter controls the higher frequencies (Presence): **0** = (Middle position) no increase; **1** = slight increase in Presence; **2** = larger increase in Presence. This filter gives the DI box an additional way to control the frequency response.
- The **Output switch “D-T”**. The Jack Output Switch has 2 positions: position “**D**” (Direct/Thru) or “**T**” (Tube) allowing the choice between Direct output or Tube output.
- The “**GND/LIFT switch**”: Use this switch to eliminate “hum”. If the ground switch is set to “Lift”, the built-in “Lehle” transformer ensures galvanic isolation between the shielding of the WR Tube DI and the earth conductor of the XLR cable attached. If this setting generates hum, activating the ground switch may solve this. When the ground button is set to “GND”, the shielding of the DI and the earth conductor of the XLR cable are connected.

- The Potentiometers:

- The **Volume Potentiometer** controls the Output Volume of the XLR Output as well as the Jack Output (switch position “**T**”).
- The **Sensitive Potentiometer** is a sensitive potentiometer that allows continuous control of the input. This is especially useful if you own several basses with quite different output, e.g. “P” Passive and “A” Active.
- These potentiometers are designed to be stiff, so you do not accidentally misalign it.

- The 2 red/green **LEDs indicators**:

- They show the respective positions of the "Output" switch as well as those of the "Sensitive" potentiometer.

Operation

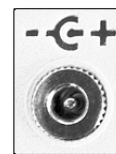
- 1) Turn the Volume potentiometer of your Bass Amp and GNOME to ‘0’.
- 2) Plug the AC/DC power adapter into a 100 - 220 Volt supply and then connect the lead from the adapter into the DC socket of the Gnome.

- 3) Connect the **WR GNOME Tube "DI"** using the **"Jack Output"** to the Input of your power amp. Connect the **"DI-XLR" Output** to the mixing table; computer or other adequate devices.
- 4) How to use the **GNOME as a passive DI box**, without power, i.e. without a power adapter: **Set the volume control from the Gnome to "0"** - switch to "D" (Thru - applies to the jack output) - connect the XLR plug.

* When turning the „Sensitive Potentiometer“, you may occasionally hear a kind of rasping noise (wiper scratch). This is no technical fault, but due to the high sensitivity of the unit.

Functionality checks/Problem Solving

- If all LEDs and the logo backlight LED are lit then the unit is working correctly.
- If the backlight LED (green) is not working, there could be a problem with the current supply. Please check the power supply and take a look at the electric poles: + (plus) has to be on the inside, - (minus) on the outside of the jack. (see Picture)
- 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. I will send you a tube as soon as is possible.



Hardware

- Robust Die cast Aluminium Enclosure.
- **Tube:** ECC86 or 6GM8 (Russian designation), tube designed to work optimally with 12 Volts.
- A **"Sensitive Potentiometer"** input-gain potentiometer **"P"** Passive and **"A"** Active.
- A **"Presence switch"**
- A **"D-T switch"** route the sound between **D**irect output or **T**ube output.
- A **"DI-XLR"** symmetric Output signal plug with Ground switch.
- A **"Lehle LTDI-L Transformer"**.
- Power supply 100-240 Volt AC to **12 Volt DC** 1 Amp.
- Reverse polarity protection.

Package

The package contains:

- 1x **WR GNOME TUBE "DI"**
- 1x power supply (100 - 240 Volt AC to 12 Volt DC 1 Amp).
- Operating Manual/Instructions.

Technical data

- Weight: 450 g
- Length: 12 cm - Width: 9 cm - Overall height: 7 cm
- Intern operating voltage range: 24V DC
- Power consumption: max. 385 mA
- Frequency range: 20 Hz – 18 KHz
- Input impedance: 1 MOhm



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