

Studio User's Manual

www.dirtydogamps.com

**CAUTION! Due to risk of electric shock, do not open amp chassis.
No user serviceable parts inside. Refer servicing to qualified
technician.**

Front Control Panel:

1. **Power Indicator** - Lights up when **STBY** switch is turned on. If bulb fails, replace with T47 type bulb.
2. **TONE** - Just your simple but effective tone knob.
3. **VOL** - Controls loudness of amp.
4. **Boost** - B1 provides a full frequency band boost. B2 boosts the mids and highs for a brighter sound.
5. **IN** - Plug your guitar in here.

Rear Control Panel:

1. **4/8/16 Ohm Speaker Outs** - Connect only to speaker cabinets with matching impedance. Always make sure to use a speaker cabinet that can handle the power output of the amp. **WARNING: Never turn on the amp without a speaker connected. This could seriously damage the amp.**
2. **VVR** - This adjusts the power output of the amp. It allows you to get power tube distortion at lower levels.
3. **STBY** - This is your **Standby (STBY)** switch. When turning on the amp, put the **STBY** switch in the **ON** position for about a minute before switching the **PWR** switch to the **ON** position. When powering off the amp, put the **PWR** switch to the **off** (down) position for about a minute before switching the **STBY** switch to the **off** (down) position. It's highly recommended that you turn the **Vol** knob all the way down before turning amp on or off. **WARNING: Never turn on the amp without a speaker connected. This could seriously damage the amp.**

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4. **PWR** - Turns the amp on.
5. **AC Inlet** - Connect only to 120 VAC outlets. Comes with a 1Amp Slow Blow 50x20mm fuse. Replace only with the same fuse.
6. **EL84 Switch** - Note this is behind the EL84 socket. **Warning: This MUST be set to the ON position when you have an EL84 tube installed. If not, you can seriously damage the amp.**

Tubes:

Power Tubes - EL84, 6V6, 6L6, EL34 and KT66. Comes standard with a 6L6. **Warning: The Studio only supports running one power tube at a time. Never install an EL84 when you already have a 6V6/6L6/EL34/KT66 already installed. It could seriously damage the amp.**

Preamp Tubes - 5751, 12AX7, 12AY7 and 12AT7. Comes standard with 5751.

Rectifier Tube - **5Y3**. It's highly recommended that you use NOS 5Y3s. Some newer 5Y3s tend to put out more voltage.