

## The Washburn WT-92 Preamp

Thanks for joining the Washburn team! Your new Washburn guitar features a built in guitar tuner and preamp. We will guide you through the basics!

### **Preamp Controls**

Volume: Adjusts your overall output.

Bass: Provides desired amount of bass response.

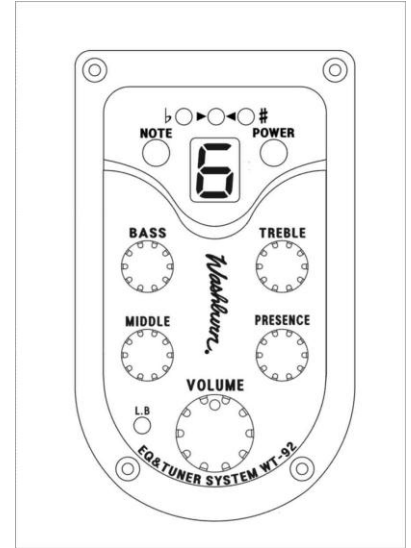
Middle: Provides active midrange equalization with boost & cut.

Treble: Provides high frequency equalization as required.

Presence: Lift the high frequency end of the signal.

Low battery: Indicates when battery life is low

*Please note that the preamp is turned on /activated when you plug in your instrument cable. To deactivate the preamp, simply unplug the instrument.*



### **Tuner Controls**

Power: Activates the built in tuner. Note, the preamp is active when cable is plugged in.

Note: Tuner manual mode tuning switch. This selects the string number you want to tune. 1 is the high E, the thinnest string, while 6 is the low E, the thickest string. 7 would indicate a seventh string, as some guitars feature this. 7 will reference a low B.

Indicator Light: Middle means you're in tune, the left light indicates you're flat, and the right light indicates you're sharp.

### **Special Notes:**

- The power button activates the tuner. When the tuner is activated, there is no output signal from the output jack. This is so you can tune your guitar quietly in a performance situation.
- This tuner uses a standardized tuner design, thus it supports a 7<sup>th</sup> string. This will give you a low B note. Your guitar may or may not feature this, so 7 may or may not be applicable to you.
- The battery life will be compromised if the tuner is left on, or if an instrument cable is left plugged into the output jack while not in use.

### **Tech specs, (for those who care!):**

Input impedance: 10Mohms

Output Impedance: 1Kohms

Frequency Response: 20Hz~20 KHz

Control Range:

Bass: ±12dB at 60Hz

Middle: ±12dB at 750Hz

Treble: ±12dB at 2.5KHz

Presence: ±12dB at 1K0Hz

Current Draw: Tuner off: 1.7mA

Tuner on: 8.5mA Battery Span: over 250Hour (Alkaline battery, Tuner off)