

# ACTIVE ELECTRONICS FOR BASS GUITARS

## Onboard EQ TCM 2P

Thank you for purchasing this NOLLelectronic accessory.  
We are confident that the onboard EQ TCM 2P will enhance the performance of your instrument. If you have any questions or comments, please contact us:

**[www.noll-electronic.de](http://www.noll-electronic.de)**

### **Warning**

Installation of the TCM 2P EQ may require structural modification to the instrument. We strongly recommend that any modifications be performed by a competent repair person. NOLLelectronic will be in no way responsible for damages to the instrument, incurred as a result of improper installation.

### **Description and Features**

The TCM 2P is a compact equalizer whose sealed version allows easy installation and offers a secure insulation. The best feature of the TCM 2P is a concentric adjustable frequency range for all controls. You can custom tailor the sound of your instrument at the frequency you choose. A push-pull volume control provide to switch between active and passive. The center detented balance control allows to blend between two pickups signals. The EQ requires power from two single 9 Volt batteries in series (18V) and is combinable with all active and passive pickups.

For easy installation, the unit comes with self adhesive pads.

### **Installation and Connections**

**WARNING:** The solder pad terminals on the potentiometer are quite fragile and can be easily overheated. Use only a low wattage soldering iron (30 watts max.) to make your wire connections.

The TCM 2P comes complete prewired to all potentiometers, jack and battery clip.

- 1.Strip 3/32" (2,4mm) and tin the wire ends of the pickups.**
- 2.Solder the "hot" bridge-pickup wire to the white wire of the balance pot, and solder the "hot" neck-pickup to the blue wire of the balance pot.**
- 3.Solder braids to case of Balance Pot or any common ground.**

### **Specifications**

<b>Power consumption</b>	<b>Typ. 0,8mA / 600 h batt. life</b>
<b>Input impedance</b>	<b>1MOhm</b>
<b>Output impedance</b>	<b>10KOhm</b>
<b>Operating Voltage</b>	<b>+9V to +18V</b>
<b>Bass control</b>	<b>+/- 15dB 50Hz to 200Hz</b>
<b>Treble control</b>	<b>+/- 15dB 1,8KHz to 7,8KHz</b>

Guitars and Basses need to be completely shielded in order to provide the best signal-to-noise ratio and safe operation. We recommend our PROFESSIONAL COPPER FOIL SHIELDING (#S1051) to intercept noise producing electrical signals by conducting the signal to a ground point.

