

# MG-30 ONBOARD PREAMP

## USER GUIDE

### Quick Start

#### 1. Set the controls

Set volume off. Set the bass, middle, treble and presence controls to center.

#### 2. Plug in

Connect the MG-30 to an amplifier or PA with a 4-inch instrument cable.

The battery light will flash once quickly to indicate it has switched on.

#### 3. Tune up

Raise the volume and adjust the bass, middle, treble.

### Controls

**1. Volume** - For the cleanest signal, set the volume knob as high as possible, without causing distortion or feedback.

**2. Bass** - Boost here to add depth and weight to the sound of the guitar.

**3. Middle** - Turn the middle knob all the way left for a smooth "scooped out" tone at high volume levels. Raise the middle knob to the right of center to add midrange "bite" to the sound.

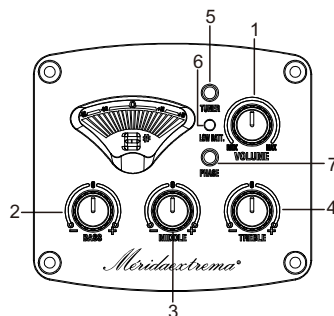
**4. Treble** - boost to cut through the mix. Cut to mellow and subdue the sound.

**5. Tuner** - Press TUNER to turn on/off tuner. Output muted when turn on the tuner.

**6. Low Batt.** - When the Batt. lights, please replace the batteries as soon as possible.

**7. Phase** - Use the phase switch to improve bass response at low volume and suppress feedback at high volume.

The light and indicator change as following:



Meter In Initial  
Position: Tuner Standby



Meter In Center:  
The Note Is In Tune



Meter Points Left:  
Note Is Flat (Too Low)



Meter Points Right:  
Note Is Sharp (Too High)

### Specification

Nominal Input Level:	-20dBV
Input Impedance:	> 1M Ohm
Output Impedance:	< 2K Ohm (20Hz ~ 20KHz)
Nominal Output Level:	-12dBV

Battery Life: (360mAh, 9V)	70 hours (EQ Working, Tuner off)
Bass Control Frequency:	±10dB at 80Hz
Middle Control Frequency:	±8dB at 800Hz
Treble Control Frequency:	±8dB at 4KHz
Pres Control Frequency:	±5dB at 10KHz

With piezo ceramic pickup

Dimensions: 140X180mm