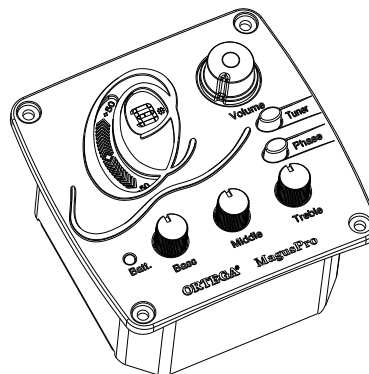


## Specification

Nominal Input Level: -20dBV  
Input Impedance: > 10M Ohm  
Output Impedance: < 3.5K Ohm (20Hz ~ 20KHz)  
Nominal Output Level: -12dBV  
THD: Less than .05% (-20dBV input)  
Noise Floor: -97dB  
Dynamic Range: 102dB  
Battery Life: (360mAh,9V) 100 hours (EQ Working, Tuner off)  
Bass Control Frequency: 60Hz  
Middle Control Frequency: 800Hz  
Treble Control Frequency: 20KHz



## The Battery

1. When low-battery indicator lamp light, please change the battery.
2. The system requires a 9-volt battery. Draw out the battery case located next to the input jack and replace the battery according to the +/- sign.
3. The guitar cable should be removed from the guitar when it's not in use, to keep the battery from draining.

## ONBOARD PREAMP

### USER GUIDE

# ORTEGA®

## MagusPro/B

## MagusPro/B Quick Start

### 1. Set the controls

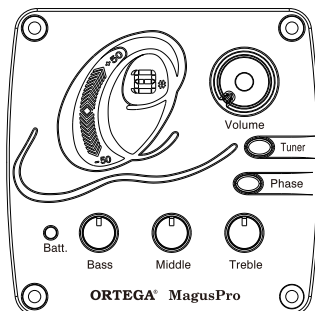
Set volume off. Set the bass, middle, treble controls to center.

### 2. Plug in

Connect the MagusPro/B to an amplifier or PA with a ¼-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 to your liking.



## MagusPro/B 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. **Phase** - Use the phase switch to improve bass response at low volume and suppress feedback at high volume.
6. **Tuner** - Play a single note by your instrument, the string number and note name will shown on the display. The light and indicator change as following:



Screen turns white and pointer on the initial position: tuner standby



Screen turns green and pointer keeps in centre: The note is accurate



Screen turns white and pointer points down: The note is low



Screen turns white and pointer points up: The note is high