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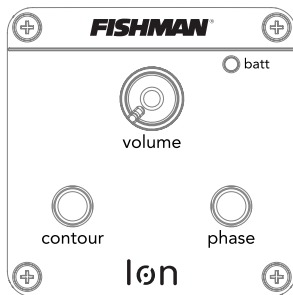
***FISHMAN***<sup>®</sup>

**USER GUIDE  
ION ONBOARD PREAMPS**

# Ion Quick Start

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- 1. Set the controls** • Set **volume** off and the **contour** control to off (button out).
- 2. Plug in** • Connect the Ion to your amplifier or PA with a ¼-inch instrument cable. The **batt** light will flash once quickly to indicate it has switched on.
- 3. Turn up** • Raise the **volume** and adjust the **contour** control to your liking.



# Ion Controls

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

**Contour** • This one-button tone control lets you choose between a natural sound with no EQ (button out) or a “Scooped” sound with emphasized treble and bass and reduced midrange (button in).

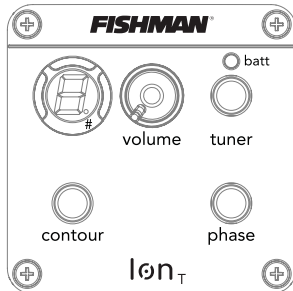
**Phase** • Use the **phase** switch to improve bass response at low volume and suppress feedback at high volume.

When the **batt** lamp lights steadily it is time to change the battery. To conserve the battery, unplug the instrument and turn off the tuner when not in use.

# Ion-T Quick Start

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- 1. Set the controls** • Set **volume** off and the **contour** control to off (button out).
- 2. Plug in** • Connect the Ion-T to your amplifier or PA with a ¼-inch instrument cable. The **batt** light will flash once quickly to indicate it has switched on.
- 3. Tune up** • Press the **tuner** button. When it's on, the tuner mutes the signal. Press again to exit.
- 4. Turn up** • Raise the **volume** and adjust the **contour** control to your liking.



# Ion-T Controls

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

**Contour** • This one-button tone control lets you choose between a natural sound with no EQ (button out) or a “Scooped” sound with emphasized treble and bass and reduced midrange (button in).

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

**Tune** • Use the tuner lights as shown below to tune your instrument.



“A” note  
below pitch



“A” note  
in tune



“A” note  
above pitch



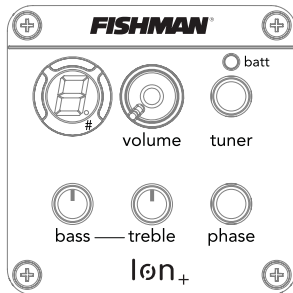
“A#” note  
in tune

When the **batt** lamp lights steadily it is time to change the battery. To conserve the battery, unplug the instrument and turn off the tuner when not in use.

# Ion-Plus Quick Start

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- 1. Set the controls** • Set **volume** off and **bass** and **treble** controls to center.
- 2. Plug in** • Connect the Ion to your amplifier or PA with a ¼-inch instrument cable. The **batt** light will flash once quickly to indicate it has switched on.
- 3. Tune up** • Press the **tuner** button. When it's on, the tuner mutes the signal. Press again to exit.
- 4. Turn up** • Raise the **volume** and adjust the **bass** and **treble** controls to your liking.



# Ion-Plus Controls

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

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

**Treble** • Boost to cut through the mix. Cut to mellow and subdue the sound.

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

**Tune** • Use the tuner lights as shown below to tune your instrument.



"A" note  
below pitch



"A" note  
in tune



"A" note  
above pitch



"A#" note  
in tune

When the **batt** lamp lights steadily it is time to change the battery. To conserve the battery, unplug the instrument and turn off the tuner when not in use.

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