

***FISHMAN***<sup>®</sup>

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**USER GUIDE  
MATRIX INFINITY™ MIC BLEND**

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# Welcome

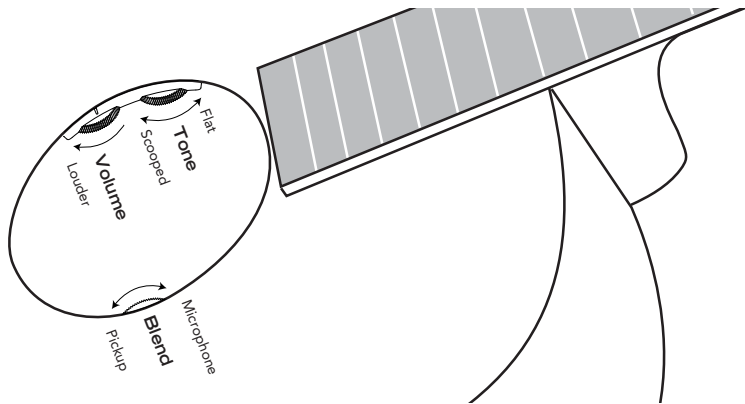
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Thank you for making Fishman a part of your acoustic experience. We are proud to offer the finest acoustic amplification products available; high-quality professional-grade tools which empower you to sound your very best.

# Controls

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**Plug In** • Connect the Matrix Infinity to your amplifier or PA with a ¼-inch instrument cable. To conserve battery life, remove the instrument cable from the guitar when the system is not in use.



# Controls

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**Volume** • For the cleanest noise-free sound, set the volume as high as possible without causing your amp or mixer to distort.

**Tone** • This innovative one-knob tone control lets you adjust between the natural undersaddle sound with no EQ (flat) and a variable “Scooped” tone with emphasized bass & treble and reduced midrange.

- Turning the Tone control to the right makes the pickup sound more open and airy while adding punch. The midrange attenuation can also be useful for helping the guitar blend with singers by reducing competing frequencies the guitar produces in the vocal range.
- Try the Tone control in the middle position for fingerpicking, when you need just a bit of midrange cut.
- Roll the Tone control all the way to the left for a neutral, unaltered tone.

Note: The Tone control does not affect the microphone signal.

## Mic Blend Controls

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**Mic Blend** • Rotate the thumbwheel towards neck to achieve full microphone signal. Rotate fully towards bridge to achieve full pickup signal. The center detent position will deliver an equal 50/50 blend of pickup/mic signals.

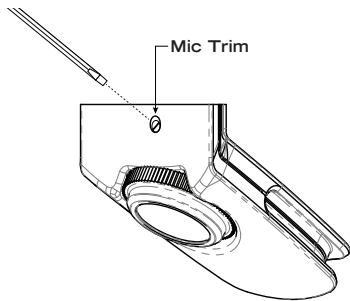
**Mic Trim** • For the best blend functionality, the Mic and undersaddle pickup should be roughly the same output level. Because all guitars produce different body volumes, we have added a Mic Trim control to allow you to optimize the level of the mic for your guitar. Turn the blend thumbwheel all the way to pickup and listen to the pickup output level. Now turn the thumbwheel all the way to mic and using a small flat-head screwdriver adjust the Mic level to match the pickup level (see Fig. 1).

# Mic Mount Angle

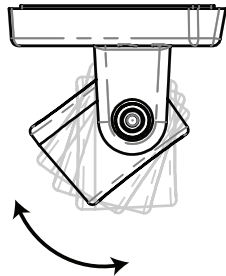
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The angle of the microphone is adjustable and useful for fine tuning the amount of soundhole resonance in the mic (see Fig.2). Start with the mic in the 3rd detent away from the guitar top (approximately 35 degrees down). Adjust the mic angle further away from the soundhole to reduce boominess in the bass. To increase the low bass, move the mic angle closer to the soundhole.

**Fig. 1**



**Fig. 2**



## Stereo/Mono Output

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The Matrix Infinity Mic Blend can be used in mono or stereo output simply by choosing the appropriate cable. For a blended mono output use a standard ¼" to ¼" instrument cable. For stereo operation, use a TRS to TRS or a TRS to stereo "Y" cable and set the Blend control to 100% pickup.

In stereo with Blend set to pickup, the mic signal will be present on the output jack Ring and the pickup signal on the Tip. The Volume control is stereo and acts simultaneously for both Tip and Ring, allowing volume adjustments without altering the external blend.

# Additional Controls

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## Voicing Switch

This switch, located on the underside of the control module, selects how the pickup is voiced. The switch position away from the soundhole provides a subtle bass boost and extended low end for added punch. The switch position towards the soundhole yields a flatter response. Choose the setting that works for your instrument and your performance requirements. Here are some guidelines

- The boosted bass voicing (push switch away from soundhole) complements solo guitarists and singers who accompany themselves, especially with smaller instruments.
- The flatter voicing (switch towards soundhole) helps cut through the mix when playing with a band. It also helps control boominess and low frequency feedback onstage, especially with full-size guitars.



## Battery Replacement

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A low battery LED is built into the preamp housing mounted inside the guitar. When the Battery LED lights steadily, it is time to change the battery. To replace the battery, remove the fabric battery bag that is mounted inside the guitar.

If you ship your guitar, we recommend you remove the battery as a precaution. Although unlikely, it is possible for the battery to jar loose inside the instrument during shipment.

## Troubleshooting

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Installation by a qualified professional is strongly recommended.

Should you have any problems, please check with your installer or refer to the online installation guide for this product. Technical support, troubleshooting tips and installation information can be found at <http://www.fishman.com/support/>

## LIFETIME LIMITED WARRANTY

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#### EU DECLARATION OF CONFORMITY CE

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