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**USER GUIDE  
BLACKSTACK™ SOUNDHOLE PICKUP**

## Requirements

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BlackStack is designed to fit most steel string, flat-top guitars with a minimum  $3\frac{5}{8}$ –inches (9.2cm) diameter soundhole. We recommend stringing your guitar with bronze or phosphor bronze strings to achieve the best response from the pickup.

## Description

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BlackStack's battery-free design incorporates ceramic magnets for a brilliant acoustic tone, greater hum cancellation and a vintage sound that can cut through any mix. The provided 5 foot cable features a premium TA4 mini-XLR connector to  $\frac{1}{4}$ " combination endpin jack for temporary or permanent installation.

Individual string output can be balanced through the use of BlackStack's adjustable pole pieces. Use the included hex wrench to adjust the pole pieces higher or lower. Adjusting the screws higher or lower will result in more or less output from the string closest to the screw.

# Installation

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To temporarily install the pickup, loosen the clamps with a Phillips screwdriver. Position the pickup in the soundhole, parallel to and as close to the end of the fingerboard as possible. Gently re-tighten the clamps. For now, run the cable out through the soundhole.

BlackStack was voiced to provide optimum sound using the built-in plastic clamps, however these may mar your guitar's finish over time. An optional set of cork clamp inserts are provided to further protect your instrument's finish.

**Precaution:** Don't let the pickup cable rest on your guitar's finish for long periods of time. The rubber jacket could interact with the finish and leave a permanent mark.

If you travel with your guitar, we strongly recommend removing the pickup to reduce the likelihood of damage during shipment. If you perform regularly or store the guitar for long periods with the pickup in place, we recommend that you have the endpin jack permanently installed in the guitar. Installation instructions for professional installers available from Service & Support at [www.fishman.com](http://www.fishman.com).

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