

# HighRise Mono Active Mic Booster



Owner's Manual

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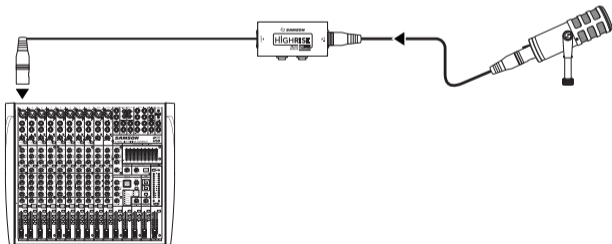
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## Description

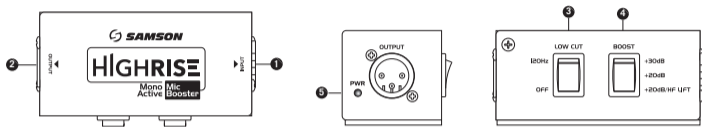
HighRise is a microphone preamp that will boost low output mics by adding up to +30dB of clean gain. This will allow any dynamic mic or ribbon mic to be used with different types of mixers, preamps, and digital audio interfaces. Additionally the HighRise will improve the EIN (equivalent input noise) specification of the mic preamps you plug it into.

### **NOTE - HighRise requires phantom power to operate**

With proper care and maintenance your HighRise will operate trouble-free for many years. Should your HighRise ever require servicing a Return Authorization (RA) number must be obtained before shipping your unit to Samson. Without this number the unit will not be accepted. Please email [support@samsontech.com](mailto:support@samsontech.com) for an RA number prior to shipping your unit. If your direct box was purchased outside of the United States, contact your local distributor for warranty details and service information.



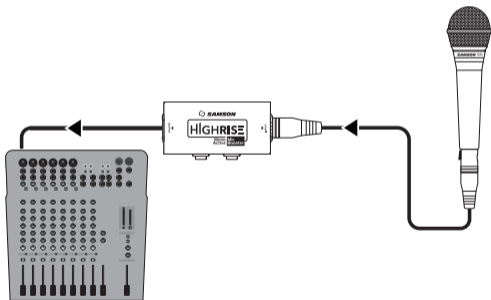
# Callouts



1. **INPUT** – XLR input connector for connecting dynamic mics or ribbon mics to mixers, low gain pre-amps or digital audio interfaces that have a gain range that is too small.
2. **OUTPUT** – XLR output connector for passing the input signal through to your mixer, preamp, or digital audio interface.
3. **LOW CUT** – When the switch is set to 120Hz, HighRise will cut frequencies beginning at 120Hz. This helps remove unwanted bass frequencies known to cause audio signals/recordings to sound muddy.
4. **BOOST** – Change this 3 position switch to best suit your use case. HighRise adds 20dB of gain, 30dB of gain, or 20dB of gain with HF Lift (more treble).
5. **PWR LED** – White LED indicates that the HighRise is operational, powered by mixer phantom power.

## Setup

The HighRise can be quite useful on stage or in the studio for connecting low gain audio sources to mixers, preamps, or digital audio interfaces. By utilizing the HighRise, the signal's gain can be boosted cleanly thus increasing audio level without adding noise. The following diagram shows a typical hook-up using a dynamic microphone connected to a professional style multi-channel audio mixer.



- Engage **phantom power** on your mixer or digital audio interface.
- Set the volume controls of your audio system/mixer or DAW/interface to the off (minimum) position.
- Connect your mic to the HighRise INPUT jack.
- Connect the XLR OUTPUT to the XLR/MIC input of a mixer or other audio device.
- Raise the level of the audio system to the appropriate level.
- Change position of LOW CUT and BOOST switches to suit your specific use case.

## Specifications

Type	Class-A biased bipolar transistors, fully differential input/output
Amplification	+20dB low-rise, +30dB high-rise
Frequency Response	-1dB @ <10Hz low-rise, -1.5dB @ 20Hz high-rise
Input impedance	3k low-rise, 2.1k high-rise
Power Supply	P12-P48 phantom power
Connectors	XLR, balanced (Input) XLR, balanced (Output)
Construction	14-gauge steel chassis
Dimensions	4.25" x 2.25" x 1.755" 110mm x 54mm x 46mm
Weight	0.7lb 0.32kg

## Support

**Having Trouble with your HighRise?  
We can help!**

**CONTACT OUR SUPPORT TEAM: [support@samsontech.com](mailto:support@samsontech.com)  
Our experts can help you resolve any issues.**



If you want to dispose this product, do not mix it with general household waste. There is a separate collection system for used electronic products in accordance with legislation that requires proper treatment, recovery and recycling.

Private household in the 27 member states of the EU, in Switzerland and Norway may return their used electronic products free of charge to designated collection facilities or to a retailer (if you purchase a similar new one).

For Countries not mentioned above, please contact your local authorities for a correct method of disposal.

By doing so you will ensure that your disposed product undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health.

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