

Subr®

**JIM KELLEY™
POWER
ATTENUATOR**

USER MANUAL



Thank you for purchasing the Jim Kelley Power Attenuator. Please take time to read this manual to get the most out of your attenuator. The more you familiarize yourself with it's features, the more you will enjoy it's benefits and maximize your tone's potential.

OVERVIEW

The Power Attenuator is the ultimate master volume control. Ideal for the guitarist looking to tame their amplifier for a variety of sessions and gigs. An infinitely variable device, the Power Attenuator allows you to control the output stage of a cranked tube amplifier to achieve your ideal tone at any volume.

Built for the road, the Power Attenuator has the unique ability to operate with a variety of amplifiers up to 100 watts @ 4 and 8 ohm loads. Designed for transparency and versatility, the Power Attenuator employs two rheostats and a Treble Boost Switch to preserve the natural characteristics of your tone.





FRONT PANEL CONTROLS

POWER ATTENUATOR KNOB- Varies the amount of power attenuation applied to your amplifier's speaker output. Use this control to dial in the desired amount of output level that best suits your playing environment.

FOOTSWITCH - Activates the Power Attenuator via the Jim Kelley Power Attenuator Activation Footswitch (optional)

IMPORTANT: To operate the Power Attenuator, the attenuator must have one of the following plugged into the Footswitch input: a 4-Pin Mating Plug (included) or the optional Power Activation Footswitch Switch.

Attenuator Settings:

10 = 0dB

9 = -1dB

8 = -2dB

7 = -4dB

5 = -6dB

3 = -12dB

2 = -16dB

0 = ∞dB

TREBLE BOOST SWITCH - When listening to music at lower volumes, it's natural for a signal's high-end and low-end to become less prominent. This three position switch works as a loudness compensation to restore top-end dynamics to your guitar's signal when playing at lower volumes/higher attenuation settings.

0dB

+3dB @ 10kHz @ 8.25 attenuation

+6dB @ 10kHz @ 8.25 attenuation

BACK PANEL CONTROLS

AMP - Use this jack to connect your amplifier's speaker output to the attenuator.

SPEAKER - Use this jack to connect your speaker cabinet from the attenuator.

EXT. SPEAKER - Use this jack to connect an additional speaker cabinet.

NOTE: Both Speaker and Ext. Speaker jacks are wired in parallel.

LINE OUT - Provides a line level signal (D.I.) derived from the attenuator speaker jack. This output is useful for sending your amp's attenuated signal to a PA or recording console.

IMPORTANT: *The Jim Kelley Power Attenuator is not a load box / dummy load. Always make sure that your amplifier is connected to a speaker to avoid damage to your amplifier.*



OPERATING INSTRUCTIONS

Connecting The Power Attenuator To Your Amplifier

1. Turn your amplifier Off or to Standby.
2. Connect a 1/4" speaker patch cord (not instrument) to connect the speaker output jack on your amplifier to the jack marked **AMP** on the back of the power attenuator.
3. Connect the speaker cable (not instrument) from the speaker cabinet to the 1/4" jack marked **SPEAKER** on the back of the attenuator.
4. Connect the included 4-pin mating plug, or optional Power Attenuator Activation Footswitch cable to the Footswitch XLR jack on the front panel of the attenuator.
5. Turn amplifier On or Off Standby
6. Play



To get started, we recommend setting the attenuator's control to 7. At this setting you will notice a -4dB reduction in volume.

CAUTION: *Keep away from moisture and flammable materials. Do not cover the vents. The attenuator has multiple vents on the top and sides for air to flow through and keep it cool. Should the attenuator become too hot to touch, stop using it and wait for it to cool down.*

IMPORTANT: *Do not use your amplifier without making all of the necessary speaker cable connections to the power attenuator first.*



JIM KELLEY POWER ATTENUATOR ACTIVATION FOOTSWITCH (OPTIONAL)

The Activation footswitch turns a single-channel amp into a versatile two channel amplifier with just the click of a switch. Housed in a heavy duty aluminum chassis, and hardwired with a custom 10' XLR cable the switch offers players the ability to select between two distinct tones, attenuated (overdriven) and unattenuated (clean).

SPECIFICATIONS:

Maximum Input Power Handling: 100 Watts at 4 Ω /8 Ω

Treble Boost Switch: (Three Position) 0dB, +3dB and +6dB

Line Out:

Source Impedance 200 ohms

Voltage Attenuation Ratio: 10:1

Front Panel: Power Attenuator Control, Treble Boost Switch, Footswitch Jack

Back Panel: Amp, Speaker, Ext. Speaker and Line Out Jacks

Dimensions: 6" wide, 4" high, 7" deep

Weight: 8 lbs.

Included Accessories: 4-Pin Mating Plug, Custom Embroidered Carrying Case

Optional: Jim Kelley Power Attenuator Activation Footswitch

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WARRANTY FOR SUHR AMPLIFIERS AND ELECTRONIC PRODUCTS:

JST warrants for lifetime from date of purchase by the initial retail purchaser that this product shall be free from defects in workmanship. Electronic components such as capacitors, resistors, filters, transformers, jacks, and pots are covered for 5 years. Any parts determined defective by JST within the five (5) year term shall be repaired or replaced by JST without charge for parts and labor provided the unit is returned, transportation costs prepaid, to JS Technologies, Inc., 601 Crane Street, Unit A, Lake Elsinore, CA 92530, or to such facility authorized by JST. JST will pay shipping costs to return the unit to its owner. Defects in workmanship will be determined by JST for limited lifetime coverage.

This warranty does not cover damage caused by accident, misuse, abuse, neglect, unauthorized or improperly performed repairs, alterations, and/or wear and tear occasioned by use of the product, and does not include any expense for inconvenience or loss of use while the product is being repaired or replaced. JST expressly disclaims any liability for consequential damaged arising from the sale, use, or inability to use the product. Any warranty implied by law, including any warranty of merchantability or fitness, is expressly limited to the one (5) year warranty term for the parts on our amplifiers and electronic products. The foregoing statements of warranty are exclusive and in lieu of all other remedies. Workmanship lifetime warranty is limited strictly to the original retailer purchaser of the instrument registered with JST within 10 days of purchase from an authorized JST dealer or distributor. JST will pay shipping costs to return the unit to its owner within the mainland U.S.

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