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## A15AS -- Switchable In-Line Attenuator

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### General Description

**Use this balanced-line attenuator to prevent low-impedance microphones (rated at 150 or 600 ) and high-output condenser microphones from overloading low impedance inputs in high sound pressure level applications. The values of attenuation can be switch-selected for 15, 20, or 25 dB.**

**Use the A15AS with any low-impedance microphone, including phantom-powered condenser microphones, such as the Shure SM81. It can be used in-line between the microphone and its power supply. (This model is not suitable for use with the condenser powering system called “A-B Powering.”)**

**The A15AS attenuator bridges the microphone output and allows maximum signal handling with a minimum of loading caused distortion or reduction in clipping level.**

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### Specifications

#### Frequency Response

20 to 20,000 Hz  $\pm$ 0.5 dB

## Impedance

Input	1,000 $\Omega$
Output	150 $\Omega$

## Attenuation Switch

Switch

15 dB, 20 dB, 25 dB

## Housing

Full magnetic shield; steel with gray enamel finish

## Dimensions

19 mm (.75 in.) diameter; 114 mm (4.5 in.) long

The equivalent single series simplex-powering resistance is 215  $\Omega$ ; this resistance should be considered in addition to any existing circuit resistance when using the attenuator.

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## LIMITED WARRANTY

Shure Incorporated ("Shure") hereby warrants to the original consumer purchaser only that, except as otherwise specified below, this product will be free in normal use of any defects in materials and workmanship for a period of two (2) years from the consumer's original date of purchase directly from Shure or from a Shure-authorized reseller.

Any rechargeable batteries contained in or packaged with this product are so warranted for a period of one (1) year from the consumer's original date of purchase. However, rechargeable batteries are consumable and their capacity will be reduced over time based on temperature, amount of time in storage, charging cycles, and other factors; hence reduction in battery capacity does not constitute a defect in material or workmanship.

At its sole option, Shure will repair or replace the defective product and promptly return it to you. In order for this warranty to be valid, the consumer must, at the time the product is returned, provide proof of purchase in the form of the original purchase receipt directly from Shure or from a Shure-authorized reseller. If Shure elects to replace the defective product, then Shure reserves the right to replace the defective product with another product of the same model or a model of at least comparable quality and features in Shure's sole determination.

If you believe this product is defective within the warranty period, carefully repack the unit, insure it and return it with proof of purchase, postage prepaid, to Shure Incorporated, Attention: Service Department, at the address below.

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Outside of the United States, return the product to your dealer or Authorized Service Center. Addresses are listed on [www.Shure.com](http://www.Shure.com) or can be obtained by contacting Shure at the address listed below.

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