AT8539

Power Microphones

Specifications

Input/Output connectors	HRS-type 4-pin / XLRM-type
Frequency response	Microphone dependent
Impedance	250 ohms
Low-cut filter	80 Hz, 18 dB/octave
Phantom power	11-52V DC, 2 mA typical
Switch	Flat / Roll-off
Dimensions	97.6 mm (3.84") long , 18.9 mm (0.74") diameter
Accessory included	Belt clip

In the interest of standards development, A.T.U.S. offers full details on its test methods to other industry professionals on request.

Specifications are subject to change without notice.

Features

- **HRS-type input connector allows any A-T Wireless Essentials® microphone to function as a wired model**
- **Switchable low-cut filter minimizes pickup of unwanted low frequencies**
- **XLRM-type output connector**
- **Designed to plug directly into an XLR-type chassis connector**
- **Rugged steel case construction**

Description

The AT8539 power module allows any Audio-Technica Wireless Essentials® microphone to operate as a wired microphone. The power module's HRS-type 4-pin input connector mates with any Audio-Technica Wireless Essentials® (wireless microphone with model number ending in a cW); its output is a standard 3-pin XLRM-type connector.

It offers a low-cut filter to help minimize the pickup of unwanted low frequencies. To engage the low-cut filter, use the end tip of a paperclip or other small pointed instrument to slide the switch toward the "bent" line.

The power module is constructed of rugged steel for maximum durability and optimum shielding from hum. A snap-on belt clip is included.

Architect's and Engineer's Specifications

The in-line power module shall allow any Audio-Technica wireless microphone terminated with a 4-pin HRS-type connectors to connect to a wired microphone circuit. The input connection shall be through an HRS-type 4-pin connector. Output shall be a standard 3-pin XLRM-type connector. The power module shall convert the audio signal to a standard balanced line microphone level output as well as provide operating DC bias voltage for the attached microphone. An integral low-cut filter shall, when engaged, roll off the low-end audio at 80 Hz with a slope of 18 dB per octave. The filter shall be engaged via a recessed switch. The power module shall be constructed of metal for optimum shielding from hum. Output impedance shall be 250 ohms.

The Audio-Technica AT8539 is specified.

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