

Input Signal Adaptors

Ampetronics comprehensive range of input signal adaptors simplify the interface between different input signals and the audio induction loop driver.

The adaptors fall into one of two groups. The first is for converting high level signals eg 100V line or low impedance speaker signals to standard line levels. The second group allow the interface of different microphone types eg balanced or single ended microphones with isolated or unbalanced inputs and vice-versa.



MAT1 Adaptor - unbalanced electret microphone to balanced microphone input with +15V phantom power

The MAT1 is designed to interface an unbalanced electret microphone to a balanced microphone input with +15V phantom power such as those found on Ampetronic equipment. The unit has unity gain and provides correct bias voltage to the electret microphone.

Input: 3.5mm Mono Socket
Output: XLR Plug

MAT1 / DC Adaptor - unbalanced electret microphone to balanced microphone input with separate DC supply

The MAT1/DC adaptor is designed is to interface an unbalanced electret microphone to a balanced microphone input using a separate DC power supply of 12-48 volts (not supplied). The unit has unity gain and provides correct bias voltage to the electret microphone. A compatible output plug is supplied with the unit.

Input: 3.5mm Mono Socket
Output: 7 pin DIN Socket

MAT60 Adaptor - balanced microphone to unbalanced electret microphone input

The MAT60 is designed to interface a balanced microphone to an unbalanced electret microphone input such as those found on the Ampetronic ILD100, ILD20 and CLD1 induction loop drivers. The unit has unity gain and can provide phantom power to the balanced microphone using a separate external regulated DC power supply of 12-24 volts (not supplied).

Input: XLR Socket
Output: 3.5mm Mono Plug
DC Power: 2.1mm Jack Socket

ATT30 - Low impedance speaker to line level

The ATT30 is designed to interface a low impedance speaker output to Ampetronic Induction Loop drivers and pre-amplifiers. The unit has resistive attenuation and coupling. For best performance it should be used close to the loop / pre-amplifier.

Input impedance 200kΩ
Effective attenuation 30dB
Input Special 3-way Connector
Output 6.3mm Stereo plug

ATT100 - 100V speaker line to line level

The ATT100 is designed to convert the signals from a 100 Volt speaker line to standard line level suitable for Ampetronic induction loop drivers, pre-amplifiers and other professional audio equipment. The unit has resistive attenuation and coupling. For best performance it should be used close to the loop / preamplifier.

Input impedance 660kΩ
Effective attenuation: 40dB
Input Special 3-Way Connector
Output 6.3mm Stereo Plug

ATT100-T70 - 100V speaker line to mic level

The ATT100-70 is designed to interface 100V speaker line systems to the microphone input of the ILD20, ILD100, CLD1 amplifiers and similar unbalanced microphone inputs on other audio equipment. Full transformer isolation is provided.

Input impedance: 30kΩ
Effective attenuation: 70dB
Input: Special 3-pole Connector
Output: 3.5mm Mono Plug