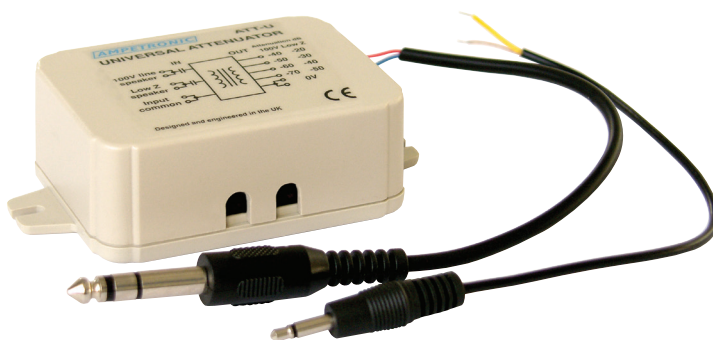


## Input Signal Adaptors

Ampetronic's 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 e.g. 100V line or low impedance speaker signals to standard line levels. The second group allow the interface of different microphone types e.g. balanced or single ended microphones with isolated or unbalanced inputs and vice-versa.



### ATT-UJ Universal Attenuator

The ATT-UJ Universal Attenuator is designed to interface a 100V line or low impedance (low Z) speaker systems to various inputs such as those found on Ampetronic equipment. In addition to transformer isolation, a range of attenuations are possible by connecting to the appropriate output terminals.

- Inputs: Screw terminals
- Outputs: Screw terminals  
3.5mm & 6.3mm jack cables included
- Max audio input: 100V line: 100V AC, Low Z speaker: 10V AC
- Attenuation 100V line: -70dB, -60dB, -50dB & -40dB  
Low Z speaker: -50dB, -40dB, -30dB & -20dB

### ATT-UX Universal Attenuator

The ATT-UX Universal Attenuator is designed to the same specifications as the ATT-UJ but comes with an XLR cable.

- Inputs: Screw terminals
- Outputs: Screw terminal  
XLR cable included

### MAT1 Adaptor

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.

- Inputs: 3.5mm 2-pole unbalanced jack socket
- Output: 3 pin balanced XLR chassis male

### MAT60 Adaptor

The MAT60 is designed to interface a balanced microphone to an unbalanced electret microphone input such as those found on the Ampetronic ILD100 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).

- Inputs: 3 pin balanced XLR chassis female
- Output: 3.5mm 2-pole unbalanced electret jack socket
- DC Power: 5.5mm x 2.1mm DC Socket

Adaptor	Input	Output	Compatible Audio Induction Loop Drivers
ATT-UJ	100V line or Low Z Speaker	3.5mm or 6.35mm jack cable (mono unbalanced)	CLD1, ILD122, ILD300, ILD500 & ILD1000G Many other drivers can be connected with a different output cable configuration
ATT-UX		XLR cable (unbalanced)	
MAT1	3.5mm 2-pole unbalanced electret jack socket	3 pin balanced XLR chassis male (requires 12-48V phantom power)	ILD122, ILD300, ILD500, ILD1000G, CLS Series, MLD Series, D Series, C Series
MAT 60	3 pin balanced XLR chassis female. Requires DC power supply for phantom power	3.5mm 2-pole unbalanced electret jack socket	CLD1, ILD100