



# ALI

## Audio line isolator

The ALI20/25 are audio line isolators designed to isolate audio devices from each other. In most cases, they are used to avoid hum caused by ground loops in audio systems. They offer a complete passive solution for the isolation of a stereo balanced audio signal. It features dual XLR in- and output connectors and a ground lift switch. The in- and output phase are matching. The ALI20/25 are both built with an audio transformer that has a turns ratio of 1:1 and an impedance of 600 Ohm. The difference is the shielding of the transformer. The ALI20 contains a shielded transformer which complies with the requirements of most standard applications, while the ALI25 contains a MU-metal shielded transformer which can be used when regular shielding becomes inadequate. This ensures the best results in even the highest EMI polluted environments.



### System specifications:

Inputs	Impedance	600 $\Omega$
	Connector	2 x XLR female
Outputs	Impedance	600 $\Omega$
	Connector	2 x XLR male
Turn ratio		1 : 1
Bandwidth		0.8 Hz - 100 kHz
Typical distortion (@ 1 kHz)		0.001%
Frequency	High	-3 dB Cutoff 105 kHz
	Low	-3 dB Cutoff 0.8 Hz
Response	20 Hz	-0.09 dB (reference 1 kHz)
	20 kHz	-0.10 dB (reference 1 kHz)
Max. Inputs Level (@ 1% THD+N)	20 Hz	+2 dBu (0.975V)
	50 Hz	+10 dBu (2.449V)
THD+N (@ 1 kHz)		0.035% (@ 20 Hz and -20dBu (typical))
		< 0.001% (@ 1 kHz and -20dBu (typical))

### Product Features:

Dimensions	96 x 43 x 108 mm (W x H x D)
Weight	0.270 kg
Construction	Aluminium
Colours	Black

## Variants:

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- ALI20 - shielded
- ALI25 - super shielded