



ALI

Audio line isolator

Highlights:

- S-box™ modular multifunctional enclosure

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.



Applications:

- Retail
- Education
- Corporate spaces
- Residential

System specifications:

Inputs	Impedance	600 Ω
	Connector	2 x XLR female
Outputs	Impedance	600 Ω
	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) (ALI25)
	108 x 44 x 165 mm (W x H x D) (ALI20MK2)
Weight	0.270 kg (ALI25)
Colours	Black

Variants:

- ALI20MK2 - Shielded
- ALI25 - Super shielded

Shipping & Ordering:

Shipping weight & volume 0.470 kg - 0.016 Cbm

