

## AUDIO ISOLATOR ISO4-SERIES

### ELECTRICAL SPECIFICATIONS

Turns ratio	3,53:1
Impedance XLR6 Female	150 ohm
Impedance XLR6 Male	12 ohm
Frequency response	300Hz – 50.000Hz ±2dB
Line input/output power	150mW
DC resistance XLR6 Female	22 ohm
DC resistance XLR6 Male	1,85 ohm
DC unbalance	12mA (max)
Dielectric strenght	100Vrms



### CONNECTORS

XLR 3-pole Female	Audio interface IN
XLR 3-pole Male	Audio interface OUT
XLR 4-pole Male	Audio interface IN/OUT

### MECHANICAL & COMPLIANCE

Material	Anodized Aluminum, Black
IP-rating	IP-54
Dimensions (L x W x H)	130 x 80 x 45 mm
Operating temperature	-40°C to +105°C
Flammability	UL-94 V-0
RoHS	Compliant, RoHS3 directive
REACH	Compliant
ECCN	EAR99

PIN NUMBER	AUDIO LINE	XLR4 MALE	(PIN) - XLR3-F	(PIN) - XLR3-M
1	MIC ← IN +	12 ohm	(2) - 150 ohm	
2	MIC ← IN -	12 ohm	(3) - 150 ohm	
3	SPK → OUT +	12 ohm		(2) - 150 ohm
4	SPK → OUT -	12 ohm		(3) - 150 ohm

DOCUMENT REVISION	ERRATA	DATE		
Revision A	Released	28.08.2023		
ORDERING INFORMATION	AUDIO LINE	AUX LEFT	AUX RIGHT	
CONNECTOR:	XLR4 MALE	XLR3 FEMALE	XLR3 MALE	
P/N: ISO4-150	12 ohm	150 ohm	150 ohm	
P/N: ISO4-150R	150 ohm	12 ohm	12 ohm	
P/N: ISO4-300	12/150 ohm	150 ohm	12 ohm	
P/N: ISO4-300R	150/12 ohm	12 ohm	150 ohm	
P/N: ISO4-600	600 ohm	600 ohm	600 ohm	


## ACCESSORIES

P/N: ISO1-xxxF	Flanged end panel, aluminum	* ISO1-series only
P/N: ISOx-xxxP	Plastic end panel	

## CLAUSE

ISO4-series are designed for standard input/output line level audio signals and galvanic AUX audio line isolation. For balanced audio line isolation, please refer ISO8-series.

MIDLAND Communications is not responsible on any possible damages caused by miss use of the device, or power supplied from any third-party device onto signal lines. Please be sure on XLR-cable wiring before connect.

 Designed and manufactured in Finland.