

# ISOMED Audio Isolator

Audio isolation amplifier 2-Channel (L+R) Cinch



**Two audio signals can be connected via the green cinch input channels. The red cinch sockets deliver the galvanically isolated output signals.**

An audio isolation amplifier becomes necessary when transmitting acoustic signals between medical and non-medical devices. A galvanic isolation is compulsory.

## PRODUCT CONFORMITY

The product is in accordance with the requirements of the Council Directive 93/42/EEC on medical devices and the Council Directive 2011/65/EU (RoHS).

## QUALITY MANAGEMENT

quality system according to EN ISO 9001:2015.



POWER SUPPLY UNIT	
Supply voltage	230V AC ± 10 % 50/60 Hz
Power consumption	10 VA
INPUT AUDIO CHANNELS – MEDICAL DEVICE	
Supply voltage	DC 2,0V±0,1 V max. 40mA
Input impedance	3,5 kΩ
Input voltage	1 Vpp AC
OUTPUT AUDIO CHANNELS – NON-MEDICAL DEVICE (FOR EXAMPLE PC)	
Output impedance	~ 100Ω
Bandwidth	<±0,5dB, 2Hz – 20kHz
Crosstalk	<-85dB
THD+N	<0,01% at 1kHz
Output voltage	1 Vpp AC
GENERAL INFORMATION	
Weight	2,2 kg
Size	340 x 157 x 48 mm
Protection class	I
Degree of protection	IP 30