



Ankrit
Technologies GmbH

electrical safety for patients and employees

Audio isolation amplifier ISOMED 2-channel cinch (L+R) Item no.: 13AB



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 regulation (EU) 2017/745 on medical devices, Article 19 and Annex IV, Directive 2011/65 / EU (RoHS), Article 13 and Annex VI.

QUALITY MANAGEMENT

Ankrit Technologies GmbH has a certified quality system according to ISO 9001:2015.

You need more information? We are happy to provide further assistance! **phone +49 (0)821.47 86 67 80**

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POWER SUPPLY UNIT

Supply voltage	230V AC \pm 10 % 50/60 Hz
Power consumption	10 VA

INPUT AUDIO CHANNELS – MEDICAL DEVICE

Supply voltage	DC 2,0V \pm 0,1 V max. 40mA
Input impedance	3,5 k Ω
Input voltage	1 Vpp AC

OUTPUT AUDIO CHANNELS – NON-MEDICAL DEVICE (FOR EXAMPLE PC)

Output impedance	\sim 100 Ω
Bandwidth	< \pm 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