

Data Sheet

HD&P Balanced audio to fiber optic converter

MFOS-AU

FEATURES

- 2channel bi-directional balanced stereo audio
- More than 20km transmission distance(single mode fiber)
- Operation status indication LED
- LC optical connector
- Latch locking power connector
- Package with mounting flanges for rack mountable



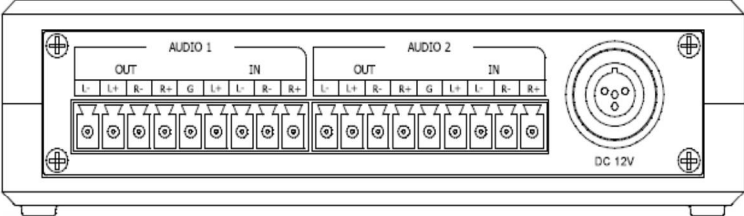
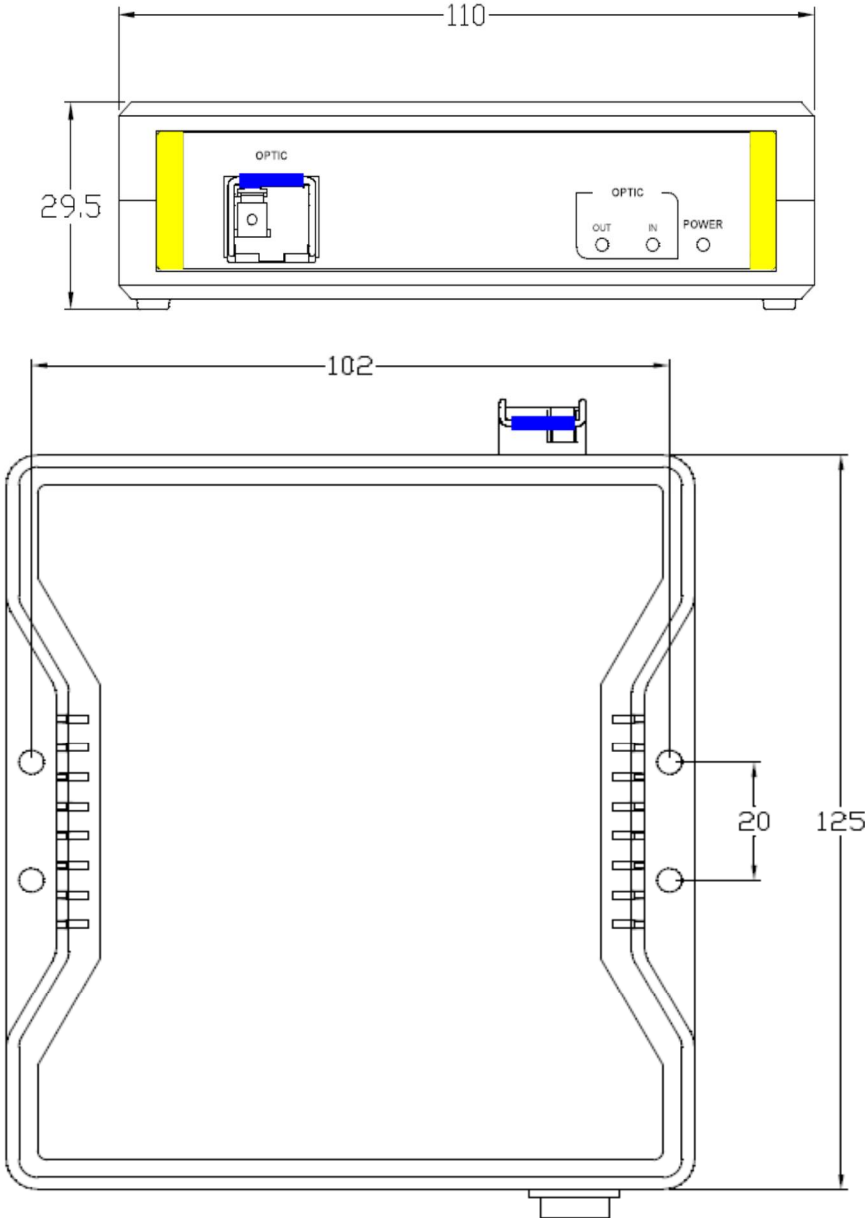
APPLICATIONS

- Audio transmission
- Studio Broadcasting, Outdoor Broadcasting and Concert Broadcasting system

SPECIFICATION

Parameter		Specification
Audio	Bandwidth	20Hz to 20kHz
	Sample rate	24bit / 48KHz
	Frequency Response	+0/-0.5 dB, 20 Hz - 20 kHz
	Maximum Audio Level	0dBu @ THD+N = 1%
	SNR	65dB @ -10dBV, unweighted
	THD+N	0.05%(20Hz~20kHz) @ 1kHz, -10dBV
	Electrical Connector	2 x Audio input : 5P terminal block 2 x Audio output : 5P terminal block
Optical	Wavelength	1310nm/1550nm BiDi SFP
	Distance (Typ.)	20km
	Fiber Type	Single mode
	Optical Connector	1x SFP : 2 x LC/PC Connector
General	Power Supply	DC 12V, 1A (supports 7 ~ 16VDC input rage)
	Electrical Connector	Mini XLR 4pin, male
	Operating Temperature	-20 to +75°C
	Storage Temperature	-40 to +85°C
	Humidity	0 to 95% RH, non-condensing
	Dimensions (W x D x H)	125 x 110 x 29.5 (mm)

DIMENSIONS (mm)



* Power Connector PIN Layouts



PIN No.	Description
1	GND
2	NC
3	VCC
4	NC

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