

Hear Technologies M8RX Preamp and Multi-channel Headphone Monitoring Interface (4x4 Dante)

Inputs A & B (available on Dante network as channels 1&2)	
Mic Input Configuration:	Mono, Balanced XLR
Mic Input Frequency Response:	10Hz - 120kHz +/-0.5dB (analog input to headphone output)
Mic Input THD+N:	0.001% @ 150mV input
Mic Input IMD:	0.004% @ 150mV input
Mic Input X-TALK:	-86dBu @ 150mV input
Mic Input Sensitivity:	-64dBu (gain at max), -30dBu (gain at min)
Line Input Frequency Response:	10 Hz - 120kHz +/-0.5dB (analog input to headphone output)
Line Input THD+N:	0.001% @ 1V input
Line Input IMD:	0.004% @ 1V input
Line Input X-TALK:	-91dBu @ 1V input
Line Input Sensitivity:	13dBu (gain at max), +20dBu (gain at min)
Input C (available on Dante network as channels 3&4)	
Input Configuration:	Stereo, Unbalanced 1/8" TRS
Input Frequency Response:	10Hz - 120kHz +/-0.5dB (analog input to headphone output)
Input THD+N:	0.005% @ 200mV input
Input IMD:	0.015% @ 200mV input
Input X-TALK:	-70dBu @ 200mV input
Input Sensitivity:	-10dBu (fixed gain)
IMD:	Typically Less than 0.02%
Headphone Power (per channel)	
Load Impedance:	THD less than 0.01%*
8 Ohms:	1.2W
16 Ohms:	1.6W
25 Ohms:	2.0W
32 Ohms:	1.8W
50 Ohms:	1.5W
100 Ohms:	1.1W
200 Ohms:	500mW
600 Ohms:	220mW
Inter Modulation Distortion:	Typically less than 0.02%
System Noise Performance	
Noise, A-Weighted:	-97 dBu
Dynamic Range:	122 dB
Physical	
Size:	5.5" H x 4.45" W x 1.625" D (13.97 cm H x 11.30 cm W x 4.13 cm D)
Unit Weight:	9.5 oz. (0.27 kg)
Mounting:	Standard camera tripod thread (1/4" 20 threads per inch), belt clip, or desk mounted
Power	
Power Requirements:	PoE 36-52 VDC, 15 Watts max**