

DriveRack[®] PA²

Owner's Manual



Specifications

ANALOG INPUTS

Number of Inputs:	2 line inputs, 1 RTA mic input
Connectors:	2 female XLR line inputs, 1 female XLR RTA mic input
Type:	Electronically balanced/RF filtered
Impedance:	> 50 k Ω
Max Input Level (line inputs):	> +20 dBu
CMRR:	> 45 dB
RTA Mic Preamp Phantom Power:	+15 VDC

ANALOG OUTPUTS

Number of Outputs:	6 line outputs
Connectors:	Male XLR
Type:	Electronically balanced, RF filtered
Impedance:	120 Ω
Max Output Level:	+20 dBu
Alignment Delay:	Up to 10ms per output channel pair

A/D PERFORMANCE

A/D Converter:	24-bit with dbx Type IV™ Conversion System
A/D Dynamic Range:	112 dB A-weighted, 110 dB unweighted
Type IV Dynamic Range:	123 dB with transient material, A-weighted, 22kHz BW; 121 dB with transient material, unweighted, 22kHz BW; 115 dB typical with program material, A-weighted, 22kHz BW

D/A PERFORMANCE

D/A Converter:	24-bit
D/A Dynamic Range:	112 dB A-weighted, 110 dB unweighted

SYSTEM PERFORMANCE

Internal Processing Wordlength:	32-bit floating point
Sample Rate:	48 kHz
Dynamic Range:	110 dB A-weighted 107 dB unweighted
THD+Noise:	0.003% typical at +4 dBu, 1 kHz, 0 dB input gain
Frequency Response:	20 Hz – 20 kHz, +0 /- 0.5 dB
Interchannel Crosstalk:	< -110 dB, -120 dB typical (input-to-output: < -100 dB)

POWER SUPPLY

Operating Voltage:	100-120 VAC 50/60 Hz or 220-240 VAC 50/60 Hz
Power Consumption:	22 Watts

PHYSICAL

Unit Weight:	5.25 lbs. (2.4 kg)
Shipping Weight:	6.75 lbs. (3.1 kg)
Dimensions:	1.75" (H) x 5.75" (D) x 19" (W) 4.4cm (H) x 14.6cm (D) x 48.26cm (W)

Specifications are subject to change without notice.