

Shaker system power amplifier

PA8HF

SPECIFICATIONS

Output - electromagnetic shaker load¹

Maximum power output, rated at 4Ω load	800 watts
Frequency response, -3 dB:	
Piezofilter out	0.5 Hz to >20 kHz
THD at rated power, max	0.013%

Output - piezoelectric shaker load²

Maximum power output, rated at 11Ω load	225 watts, max
Frequency response, -3 dB:	
Piezofilter out	500 Hz to 150 kHz
THD at rated power, max	1%

Front panel	power switch, clipping indicator
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Protection	front-panel output fuse, rear-panel AC mains breaker, internal thermal protection
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Impedance	50 kΩ
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Input connector	BNC, case grounded
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Maximum signal	1.75 V rms (±2.5 V peak)
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Signal gain	29 dB
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Output connector	R22
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Maximum output	70 V peak (50 V rms)
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Bias output voltage, nominal	12 VDC
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Size (W x H x D)	19 x 5.75 x 17.5 inches (482 x 146 x 444 mm)
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Power requirements:	2,000 watts, maximum
PA8HF	115 VAC
PA8HF-230	230 VAC

Compatible equipment:	
Electromagnetic shakers	F3, F4, F10
Piezoelectric shakers ^{1,2}	F7, F7-1
Matching networks	N7FS, N8HFS

Notes: ¹ Full output may not be available over entire operating range.

² With appropriate matching networks.

Options: PA8HF-230 (230 VAC) model available



Key features

- 19" rack mountable
- Designed to operate with shakers (direct drive of models F4 and F10)
- Low distortion over entire range of operation
- Manufactured in ISO 9001 facility



Note: Due to continuous process improvement, specifications are subject to change without notice. This document is cleared for public release.