



MB Series Linear Amplifiers

for use with MB MODAL, ENERGIZER, PM-SERIES, and CAL Shakers

SPECIFICATIONS	MB500VI	MB1000VI
Frequency Range	DC-20,000 Hz, -3 dB Useable to 60kHz at reduced power levels	DC-20,000 Hz, -3 dB Useable to 60kHz at reduced power levels
Input Coupling	AC or DC	AC or DC
Feedback Mode	Voltage or Current, switchable with External Toggle Switch	Voltage or Current, switchable with External Toggle Switch
Input Impedance	>10kΩ	>10kΩ
Input Power Requirements	100, 110, 120, 200, 220, 240 VAC; 48-62 Hz	100, 110, 120, 200, 220, 240 VAC; 50/60 Hz
Input Power Required	1,000 VA (max)	2,000 VA (max)
Max. Output Volts	25 V RMS	45 V RMS
Max. Output Amps	25 A RMS (35 A Pk)	25 A RMS (35 A Pk)
Over Current & Voltage Shutdown	User-adjustable trips, external	User-adjustable trips, external
Over Temperature Protection	Yes	Yes
Set-up and Monitor Amplifier from Remote PC	Over LAN or Wireless Link Using MB-supplied GUI	Over LAN or Wireless Link Using MB-supplied GUI
Current measurement	BNC, 250 mV/A; front panel LCD	BNC, 250 mV/A; front panel LCD
Total Harmonic Distortion	< 0.5%	< 0.5%
Dimensions (rack mount)	3 1/2" H (2HE); 19" W (482 mm); 14 1/4" D (362 mm)	7" H (4HE); 19" W (482 mm); 14 1/4" D (362 mm)
Signal In for Full Power Out	± 3 V pk (Factory) (Int. switch: ± 1, 3, 5, 10 Vpk)	± 3 V pk (Factory) (Int. switch: ± 1, 3, 5, 10 Vpk)
Signal-to-Noise Ratio	>100dB	>100dB
Weight or mass	33 lbs (15 kg)	73 lbs. (33 kg)
CE Mark	Yes	Yes
Application Note (Manual)	Yes	Yes

Specs subject to change without notice



MB500VI Power Amplifier