



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 50kHz at reduced power levels	DC-20,000 Hz, -3 dB
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	>10k Ω	>10k Ω
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	50 V RMS
Max. Output Amps	20 A RMS (30 A Pk)	20 A RMS (30 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	< 1.0%	< 1.0%
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: $\pm 1, 3, 5, 10$ Vpk)	± 3 V pk (Factory) (Int. switch: $\pm 1, 3, 5, 10$ Vpk)
Weight or mass	33 lbs (15 kg)	73 lbs. (33 kg)
CE Mark	Yes	Yes
Instruction Manual	Yes	Yes

Specs subject to change without notice



MB500VI Power Amplifier