



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