



MODAL 110

Exciter System



- ❖ **MB's MODAL 110 – longer – lighter – stronger – and **RED!****
- ❖ **MB MODAL EXCITERS are the #1 selling exciters in the world – over 1100 in use worldwide!**

The MODAL 110 delivers 110 lbs force (500N) and 1.5" (38 mm) stroke pk-pk; has twice the force and 50% more stroke than the MODAL 50.



- ❖ **Long Stroke**
- ❖ **Light moving element mass**
- ❖ **Low longitudinal stiffness**
- ❖ **Stiff radial stiffness**
- ❖ **Neodymium magnets**
- ❖ **Much lighter exciter weight**
- ❖ **Thru-hole to attach stinger**



MODAL 110 EXCITER SPECS	MB500VI AMPLIFIER SPECS
<ul style="list-style-type: none"> ❖ Force: 110 lbf peak (500 N) forced-air cooled; 55 lbf pk (250 N) convection ❖ Force: 75 lbf RMS (350 N) forced-air cooled; 40 lbf RMS (175 N) convection ❖ Stroke: 1.5" (38 mm) p-p; 1.6" (41 mm) between stops ❖ Bandwidth: DC-5000 Hz ❖ Moving element: 1.2 lbs (0.6 kg) ❖ Longitudinal stiffness; 30 lb/in (5.2N/mm) ❖ Shaker weight: <48 lbs (22 kg) ❖ Shaker cooling: shop air, with integral air coupling; aux. fan cooling package ❖ Clearance hole through armature for stinger ❖ Compression and piano wire stingers, secured with collets and chuck nuts ❖ Overtravel protection ❖ Current limiting shutdown ❖ Options: Accessory Kit & Cooling Unit ❖ CE Mark 	<ul style="list-style-type: none"> ❖ Linear amplifier design ❖ Frequency range; DC-20 KHz; usable to 50 KHz ❖ AC or DC coupled, separate BNCs ❖ Current feedback and voltage feedback, external switch selectable ❖ 25 VRMS max. output voltage ❖ 20 ARMS max. output current ❖ Output current measurement, BNC ❖ Over-current, over-voltage shutdown protection ❖ Over-temperature protection ❖ Set-up & monitor with PC via LAN or wireless ❖ User-adjustable current and voltage limits ❖ Input power: 100, 110, 120, 200, 220, 240V; 48 - 62 Hz (1.0 KVA) ❖ Sig. IN for max OUT: ±3Vpk; others available ❖ 19" rack mount x 3½"H x 14¼"D (89 mm H x 362 mm D) ❖ Weight: 33 lbs (15 kg) ❖ CE Mark