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Milan M15B

2200-Watt 15" Powered Subwoofer

- High-performance 2,200-Watt bandpass subwoofer for PA applications
- Powerful long-excursion 15" bass driver delivers extreme low frequency energy
- Advanced processor dynamically optimises sound quality at all levels and protects driver
- Sophisticated Class-D amplifier with comprehensive over-excursion, thermal and clip limit protection
- Lightweight birch plywood cabinet, screwed and glued for absolute rigidity and strength
- Comfortable rear handles and heavy duty wheels for easy handling and transportation
- LF boost control with variable frequency allows system EQ to be tuned to sound great in any venue
- Polarity switch for seamless integration with full-range loudspeakers
- Sub level control allows precise level matching of sub frequencies to mids and highs
- Left and right stereo inputs and outputs enable two mid-highs to be used with one subwoofer
- Designed and engineered by TURBOSOUND in England



The Milan M15B is compact powered 15" bandpass subwoofer that extends the frequency range and increases the overall loudness of any Milan system.

The bandpass design produces high bass energy within the pass band, which is tuned to reinforce bass instrument frequencies, and the steep cut-off slopes ensure an effective acoustic transition to Milan full-range loudspeakers.

The onboard amplifier provides over 2,200 watts of maximum output power with plenty of headroom to power the long-excursion bass driver, allowing short term transients to be reproduced with wide dynamic range. Two discrete balanced XLR inputs plus corresponding thru connections on balanced male XLR allow a stereo system comprising two Milan full-range loudspeakers to be operated with only one subwoofer if required, the sub-bass frequencies being filtered and summed to the subwoofer drive unit. A switchable 6dB boost is available at a centre frequency between 40Hz and 90Hz, while an overall level control allows the sub-bass frequencies to be balanced with the system. A polarity switch is provided for optimum subwoofer integration. Rear panel LEDs indicate power on, signal present, and the onset of limiting action.

The birch plywood cabinet is equipped with heavy duty wheels to aid handling and transportation, while the pole mount socket allows Milan full range loudspeakers to be mounted on top of the subwoofer with a minimal footprint.

Milan series

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DIMENSIONS (HxWxD)	495 x 530 x 480 mm (19.5 x 20.9 x 18.9")	
NET WEIGHT	37kg (81.4lbs)	
COMPONENTS	1 x 15" (381mm) LF driver	
FREQUENCY RESPONSE	45Hz–100Hz ±3dB, 35Hz–150Hz -10dB	
MAXIMUM SPL	134dB peak (half space)	
BOOST FREQUENCY	+6dB @ 40Hz–90Hz, Q=1	
CONSTRUCTION	Birch plywood, screwed and glued	
CONNECTORS	Input: 2 x female XLR wired pin 2 hot; Thru: 2 x male XLR wired pin 2 hot; IEC mains connector with integrated fuseholder	
CONTROLS	Level, Polarity, Boost, Boost Frequency	
INDICATORS	Power LED (blue), SIG LED (green), LIMIT LED (red)	
AMPLIFIER	Type: Class-D Max Output Power: 2200 W Input Sensitivity: +4dBu @ centre position for full rated power Input Impedance: 10kΩ unbalanced, 20kΩ balanced Amplifier Protection: Full short circuit, thermal, overcurrent, DC	
MAINS VOLTAGE	USA / CAN: 100–120 V~ (T 12 A H 250 V) UK / AUS / EUR: 220–240 V~ (T 6.3 A H 250 V) CN: 220–240 V~ (T 6.3 A H 250 V) JP: 100–120 V~ (T 12 A H 250 V)	
POWER CONSUMPTION	280 W @ 1/8 max power	
SPARES & ACCESSORIES	LS-1535 Low frequency driver RC-1535 Recone kit AMP-M15BM18B Replacement amplifier assembly	
MORE INFO	More information can be found on our website: www.turbosound.com	

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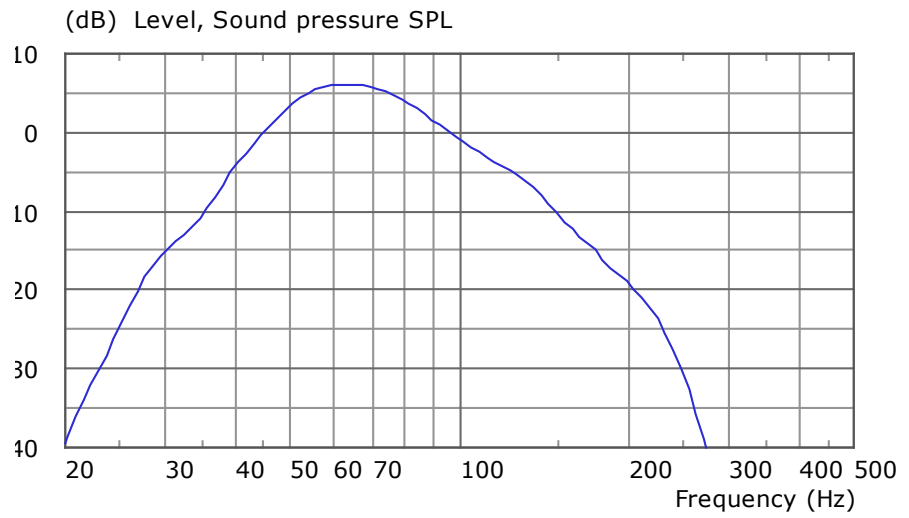


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Frequency Response



Milan M15B

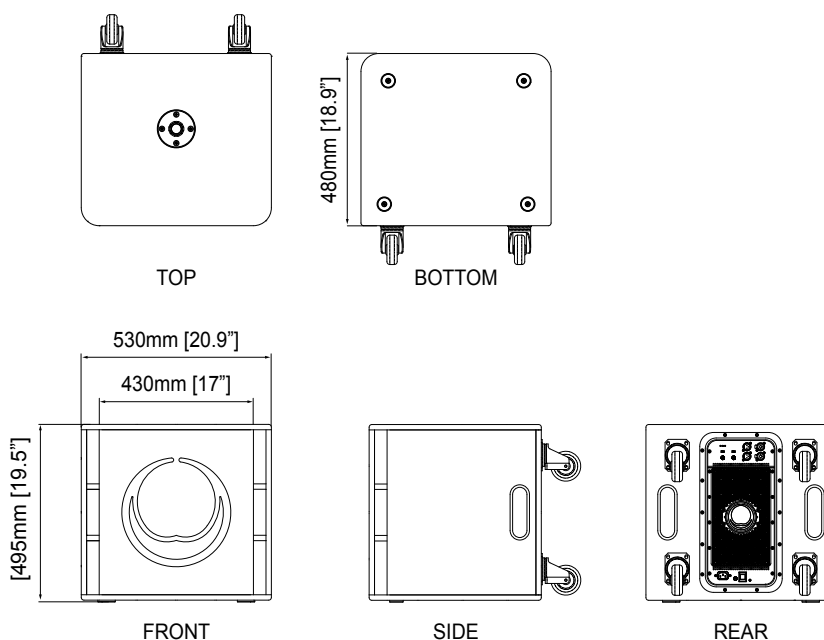
2200-Watt 15" Powered Subwoofer

A&E Specifications

The system shall be of the bandpass type consisting of one 15" (381mm) low frequency loudspeaker together with an integrated Class-D amplifier. Performance specifications of a typical production unit shall meet or exceed the following: Frequency response, measured with swept sine wave input, shall be flat within $\pm 3\text{dB}$ from 45Hz to 100Hz, and within -10dB from 35Hz to 150Hz. Maximum SPL (peak) measured with music program input in half space shall be 134dB.

Dimensions: 495 x 530 x 480 mm (19.5 x 20.9 x 18.9"). Net weight: 37kg (81.4lbs). The loudspeaker system shall be the Turbosound Milan M15B. No other loudspeaker shall be acceptable unless submitted data from an independent test laboratory verify that the above combined performance / size specifications are equalled or exceeded.

Dimensions



Limited Warranty and Service Information

For the applicable warranty terms and conditions and additional information regarding MUSIC Group's Limited Warranty, please see complete details online at www.music-group.com/warranty.

For service, support or more information contact the TURBOSOUND location nearest you.

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