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# Milan M18B

2200-Watt 18" Powered Subwoofer

- High-performance 2,200-Watt band-pass subwoofer for PA applications
- Powerful long-excursion 18" 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
- Comfortable rear handles and heavy duty wheels for easy handling and transportation
- LF boost control with variable frequency allows stereo EQ to be tuned to sound great in any venue
- Left and right stereo inputs and outputs enable two mid-highs to be used with one subwoofer
- Power, signal and limit LEDs for comprehensive system monitoring
- Pole mount socket for mounting loudspeakers at the correct height above the subwoofer
- Designed and engineered by TURBOSOUND in England



**The Milan M18B is powered 18" 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 Class-D 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 of 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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# Milan M18B

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## DIMENSIONS (HxWxD)

590 x 640 x 530 mm (23.2 x 25.2 x 20.9")

## NET WEIGHT

48kg (105.6lbs)

## COMPONENTS

1 x 18" (457mm) LF driver

## FREQUENCY RESPONSE

40Hz–100Hz  $\pm 3$ dB, 30Hz–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: 10k $\Omega$  unbalanced, 20k $\Omega$  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-1819 Low frequency driver  
RC-1819 Recone kit  
AMP-M15BM18B Replacement amplifier assembly

## MORE INFO

More information can be found on our website: [www.turbosound.com](http://www.turbosound.com)

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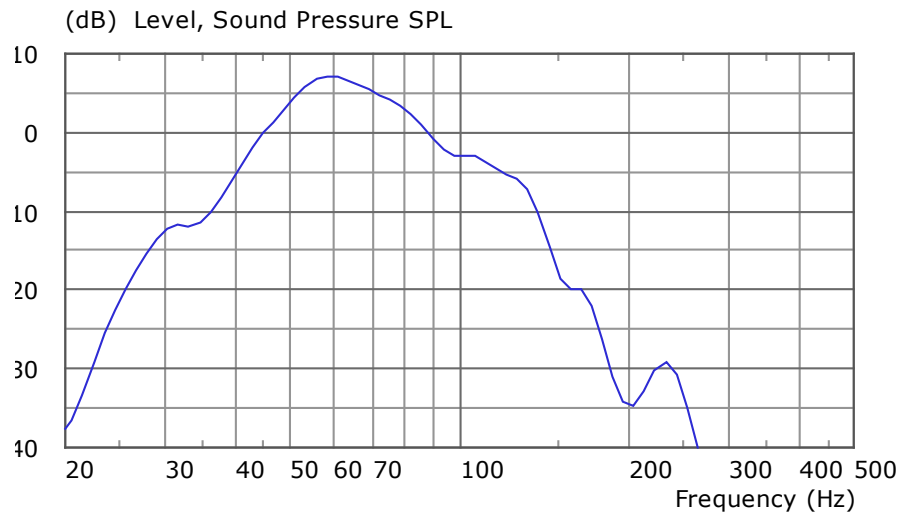


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## Frequency Response



# Milan M18B

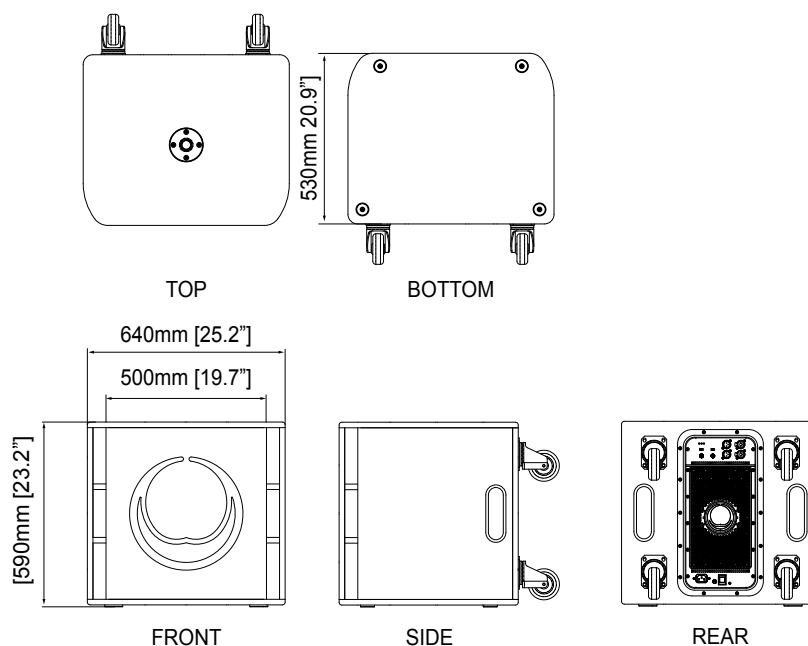
2200-Watt 18" Powered Subwoofer

## A&E Specifications

The system shall be of the bandpass type consisting of one 18" (457mm) 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 40Hz to 100Hz, and within -10dB from 30Hz to 150Hz. Maximum SPL (peak) measured with music program input shall be 134dB in half space.

Dimensions: 590mm high x 640mm wide x 530mm high (23.2" x 25.2" x 20.9"). Net weight: 48kg (105.6lbs). The loudspeaker system shall be the Turbosound Milan M18B. 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](http://www.music-group.com/warranty).

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

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