

## Portable Speakers

# MILAN M15B

2200 Watt 15" Powered Subwoofer with  
KLARK TEKNIK Technology for Portable PA and  
Installation Applications

- Band pass powered subwoofer for portable PA and installation applications
- 2,200 Watt power featuring KLARK TEKNIK Class-D technology
- High excursion 15" low frequency driver with 4" voice coil and double suspension
- Bass boost and polarity switch for accurate low frequency system integration
- Birch plywood enclosure with hard wearing semi matt black paint finish
- Rugged powder coated perforated steel mesh grille
- 36 mm pole mount to support satellite speaker
- Plated steel castors with rubber tyres
- 3-Year Warranty Program\*
- Designed and engineered in England



The 2,200-Watt MILAN M15B is a powered portable band pass 15" subwoofer that is designed for maximum bass extension for both portable and permanent install applications. M15B's discrete inputs are equipped with balanced, combination ¼" jack/XLR connectors and a shared Level control, making them ideal for a wide range of music sources, from mixing consoles, low-impedance microphones, guitars and keyboards.



### Bandpass Enclosure Design

Bandpass enclosures are extremely efficient, creating maximum bass output within a specific frequency range by increasing the acoustic load presented to the driver. The low distortion bandpass design utilised in the M15B reinforces the bass musical instrument frequencies, and steep cut-off slopes ensure an effective acoustic transition for use with MILAN Series full-range loudspeakers. A typical application could consist of an M15B providing the low-frequency bass extension for one, or two MILAN Series top cabinets.

\*Warranty details can be found at [music-group.com](http://music-group.com)

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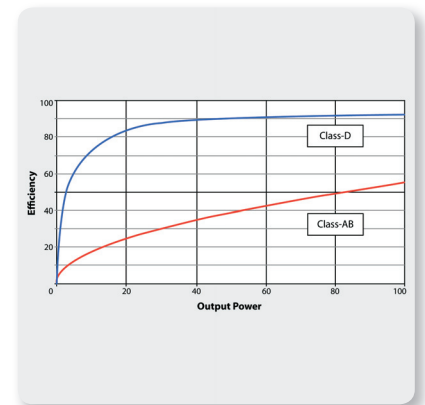
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### Class-D - Massive Power, Perfect Sound

Thanks to our revolutionary Class-D amplifier technology, we are able to provide 2,200 Watts of output power with incredible sonic performance in an easy-to-use, ultra-portable and lightweight package. Class-D amplification makes all the difference, offering the ultimate in energy efficiency and eliminating the need for heavy power supplies and massive heat sinks. This amazing technology makes it possible to design and build extremely powerful products that are significantly lighter in weight than their traditional counterparts, while using less energy and protecting the environment. The lightweight Switch Mode Power Supply, coupled with the industry-leading Digital Signal Processing (DSP) module, provides dynamic equalisation and sophisticated limiting functions, ensuring optimal performance and long-term reliability.



### Custom-Engineered Drivers

Powerful, high-efficiency Class-D amplifiers and Switch Mode Power Supply technology coupled with state-of-the-art DSP functionality sounds very impressive – but what about the part of the system you actually hear? We are known internationally for making some of the best-sounding speaker systems in the world, so we take our drivers (woofers and tweeters) very seriously. Our LF and HF drivers are designed specifically for each application – it is what sets us apart from the competition. When you buy a loudspeaker, you can rest assured the high-excursion 15" LF driver inside has been engineered to perform flawlessly in conjunction with every other element for truly professional results. The MILAN M15B outputs massive quantities of tight and articulate bass – and works seamlessly with all MILAN Series loudspeakers.

### Integrated Control Center

The onboard control panel features a subwoofer Level control, a polarity switch for proper phasing with your loudspeakers, and a switchable Boost filter (set at 100 Hz), which ensures correct integration with your system. An additional filter allows the selection of Speech (for enhanced voice intelligibility), or Music for the broader frequency range required for the high-fidelity reproduction of musical content. Convenient XLR Thru connectors send both input signals to your powered full-range loudspeakers, or to additional powered subwoofers.



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### Built for Durability and Versatility

The M15B's enclosure consists of solid birch plywood with a hard wearing semi matt black paint finish, and is ribbed internally to eliminate resonances and to minimize vibration. Plated steel castors with rubber tyres are provided for easy transport, and the standard pole-mount socket allows powered loudspeakers to be mounted, either vertically or raised higher and angled down to optimise audience coverage. Mains power is connected via a non-locking IEC socket with integrated fuseholder. The illuminated front badge can be operated in one of three modes: permanently on; permanently off; or to indicate the action of limiting.

### Rock-Solid Performance

Designed to provide exceptional performance for traveling musicians, houses of worship, banquet facilities, night clubs – and a host of other venues, the 2,200-Watt MILAN M15B puts touring-grade sound quality into a scalable loudspeaker system that is supremely portable and versatile. See your authorised dealer, or place your M15B order online today – and let your audience enjoy the difference!



### You Are Covered

We always strive to provide the best possible Customer Experience. Our products are made in our own factory using state-of-the-art automation, enhanced production workflows and quality assurance labs with the most sophisticated test equipment available in the world. As a result, we have one of the lowest product failure rates in the industry, and we confidently back it up with a generous.

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### Technical Specifications

#### Model

Components	1 x 15" LF driver
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

Controls	Level, Polarity, Boost, Boost Frequency
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#### System Data

Frequency Range	45 Hz–100 Hz $\pm 3$ dB 35 Hz–150 Hz -10 dB
Dispersion @-6 dB pts	N/A
Max SPL (peak)	134 dB (half space)
Equalisation	N/A
Boost Frequency	+6 dB @ 40 Hz–90 Hz, Q=1

#### Indicators

Power LED	Blue
Signal LED	Green
Limit LED	Red
Clip LED	N/A

#### Circuit Protection

Amplifier Protection	Full short circuit, thermal, overcurrent, DC
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#### LF/HF Driver

Max Output Power	2200 W
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#### Audio Inputs

Input Sensitivity	+4 dBu @ centre position for full rated power
Input Impedance	10 k $\Omega$ unblanced, 20 k $\Omega$ balanced

#### Power Supply, Voltage (Fuses)

USA / Canada	100–120 V~, T 12 A H 250 V
UK / Australia / Europe	220–240 V~, T 6.3 A H 250 V
China	220–240 V~, T 6.3 A H 250 V
Japan	100–120 V~, T 12 A H 250 V
Power consumption@ 1/8 max power	280 W
Rigging options	N/A

#### Construction / Dimensions / Weight

Construction	Birch plywood, screwed and glued
Dimensions (H x W x D)	495 x 530 x 480 mm (19.5 x 20.9 x 18.9")
Net weight	37 kg (81.4 lbs)



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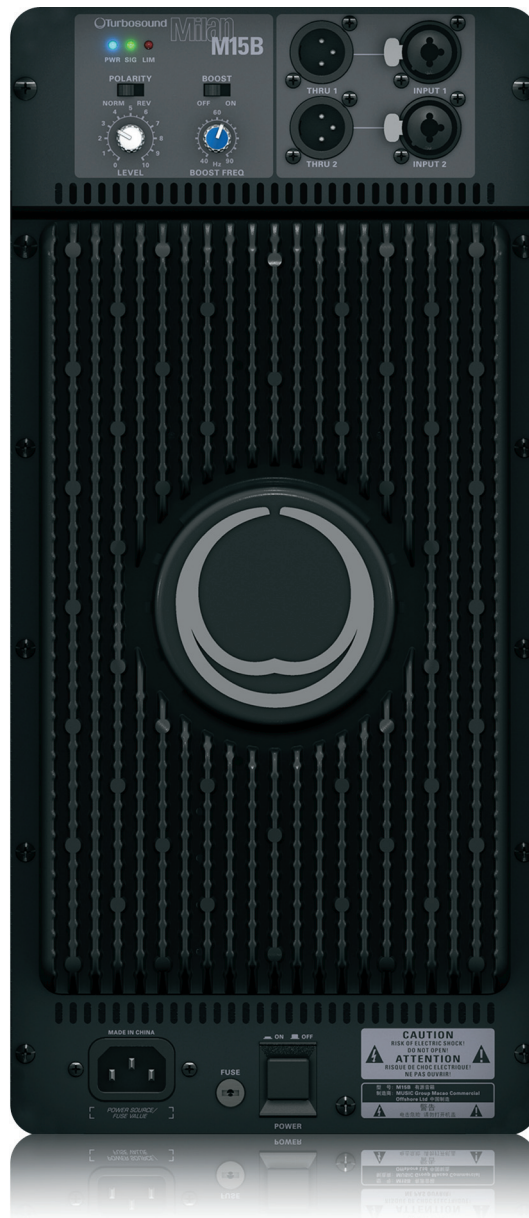
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For service, support or more information contact the TURBOSOUND location nearest you:

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