

portablesound

NEW

# Milan

PORTABLE SELF POWERED LOUDSPEAKERS

## SERIES



 **Turbosound**

# Milan

## SERIES



“The sound may have been the true star of the show!”

### Powerful portable sound...

The new Milan series has been completely re-engineered from the ground up.

It combines improved performance with ultimate convenience for musicians, DJs and AV applications in a range of stylish portable powered loudspeakers with an unmistakable sound signature enhanced by the industry's most sophisticated DSP.

### KeyFeatures

-  High efficiency Class-D amplifiers
-  Internal DSP with intelligent limiting
-  Two-channel mixer with mic and line inputs
-  Comprehensive EQ and frequency shaping

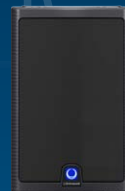
# Milan



M15B



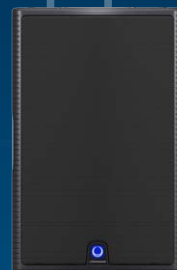
M18B



M10



M12



M15

# M10

# Milan

## 600-Watt Powered 10" Loudspeaker with KLARK TEKNIK DSP Technology

A very compact and easily transportable 10" two-way powered loudspeaker featuring two independent input channels, mic and line inputs, two-band EQ, intelligent limiting, and a Mix Out function for connection to additional Milan loudspeakers to easily extend your sound system.

The integrated Class-D amplifier is a true 2-channel unit with an integrated electronic crossover, allowing the HF and LF drivers to be powered separately without one being able to influence the sound of the other. Total output power is 600 watts – and with high efficiency to match thanks to the lightweight switch-mode power supply coupled with industry leading Klark Teknik digital signal processing.

Two independent input channels cater for a huge range of music sources from low impedance microphones, acoustic guitars and keyboards to mp3 players and mixing consoles.

The Milan M10 also provides a highly effective floor monitor solution with its symmetrical wedge angle and low profile.

## Key Features

600-Watt 2-Way loudspeaker system for FOH and floor monitoring applications

Sophisticated Class-D amplifier delivers your sound with clarity and definition

Roadworthy and lightweight composite cabinet with black finish and integral grab handle

2 discrete mic/line input channels with individual level controls and peak indicators

KLARK TEKNIK signal processor dynamically optimises sound quality at all levels and protects drive units

Converging Elliptical Waveguide provides wide dispersion and excellent pattern control

## M10 Specifications

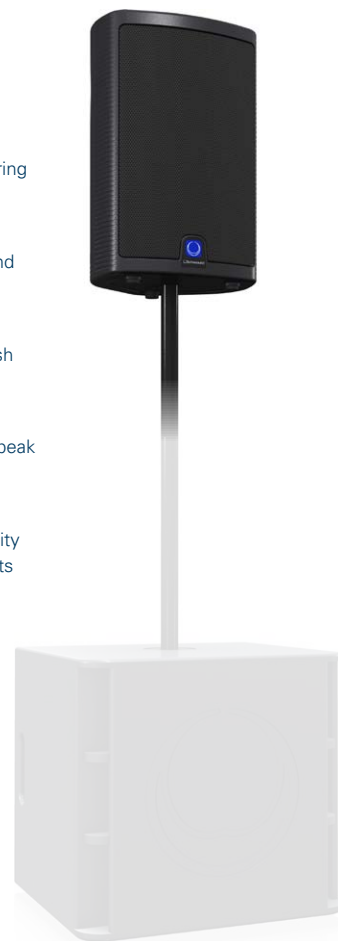
Dimensions (HxWxD):  
522 x 329 x 294 mm  
(20.6 x 13 x 11.6")

Net Weight:  
13.3kg (29.3lbs)

Frequency Range:  
55Hz–18kHz  $\pm$ 3dB

Dispersion:  
90°H x 60°V @-6dB points

Max SPL:  
126dB (peak)



# Milan

## M12

### 1100-Watt Powered 12" Loudspeaker with KLARK TEKNIK DSP Technology

A larger 12" format two-way powered loudspeaker designed to take the most demanding DJ, live music and corporate A/V applications in its stride – delivering dependably professional sound quality from a truly portable lightweight injection-moulded cabinet.

Featuring 1,100 watts of Class-D amplification and sophisticated Klark Teknik digital signal processing, the Milan M12 intelligently enhances your front of house or monitor sound with dynamic processing and transparent limiting – truly a powerhouse for all kinds of portable sound reinforcement applications.

In common with the smaller M10 and larger M15 models, the M12 is built around a stylish, heavily rigidised, injection-moulded cabinet with dual-angle pole mount socket, and features two fully independent input channels with electronically balanced mic and line inputs, a Mix Out function to easily extend your Milan system, and switchable low-pass filter to integrate seamlessly with subwoofers or when used as a floor monitor.

### Key Features

1,100-Watt 2-Way loudspeaker system for FOH and floor monitoring applications

Sophisticated Class-D amplifier delivers your sound with clarity and definition

Roadworthy and lightweight composite cabinet with black finish and aluminium carrying handles

2 discrete mic/line input channels with individual level controls and peak indicators

KLARK TEKNIK signal processor dynamically optimises sound quality at all levels and protects drive units

Converging Elliptical Waveguide provides wide dispersion and excellent pattern control



### M12 Specifications

Dimensions (HxWxD):  
620 x 394 x 330 mm  
(24.4 x 15.5 x 13")

Net Weight:  
20.5kg (45.1lbs)

Frequency Range:  
50Hz–18kHz  $\pm$ 3dB

Dispersion:  
90°H x 60°V @ -6dB points

Max SPL:  
128dB (peak)



# Milan

## M15

### 1100-Watt Powered 15" Loudspeaker with KLARK TEKNIK DSP Technology

The 15" 2-way Milan M15 delivers plenty of solid low end and overall SPL to deliver great performance as a highly portable stand-alone powered loudspeaker in a multi-purpose sound reinforcement application. Or when teamed with the M18B subwoofer the M15 creates a formidable PA package capable of putting out an impressive 123dB continuous output with wide frequency response.

The highly efficient 1,100 watt Class-D amplifier powers the LF and HF drivers separately via a steep-slope electronic crossover to ensure that your sound is pristinely produced at all times.

The M15's two input channels feature mic and line inputs and wide ranging 2-band EQ to shape your sound, while cutting edge digital electronics in the shape of dynamic EQ and frequency-dependent limiters ensure highly intelligible sound at all levels with long term reliability. The dual angle pole mount ensures the best possible audience coverage in all situations.

### Key Features

1,100-Watt 2-Way loudspeaker system for FOH and floor monitoring applications

Sophisticated Class-D amplifier delivers your sound with clarity and definition

Roadworthy and lightweight composite cabinet with black finish and aluminium carrying handles

2 discrete mic/line input channels with individual level controls and peak indicators

KLARK TEKNIK signal processor dynamically optimises sound quality at all levels and protects drive units

Converging Elliptical Waveguide provides wide dispersion and excellent pattern control

### M15 Specifications

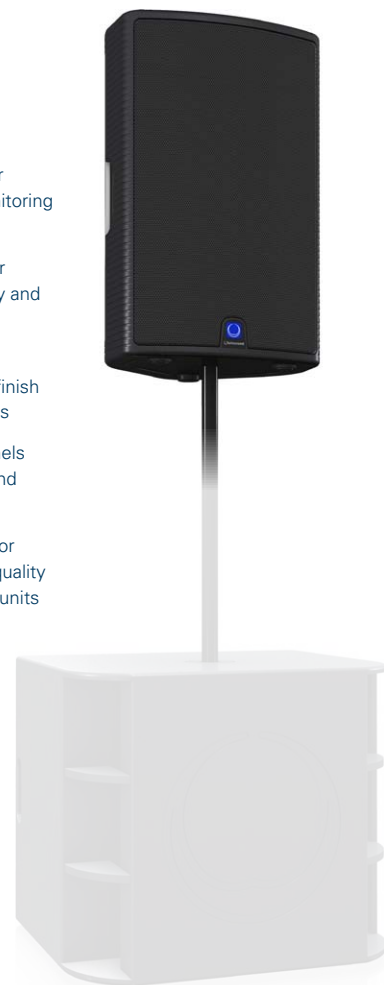
Dimensions (HxWxD):  
719 x 457 x 368 mm  
(28.3 x 18 x 14.5")

Net Weight:  
27.7kg (60.9lbs)

Frequency Range:  
45Hz-18kHz  $\pm$ 3dB

Dispersion:  
90°H x 60°V @-6dB points

Max SPL:  
130dB (peak)



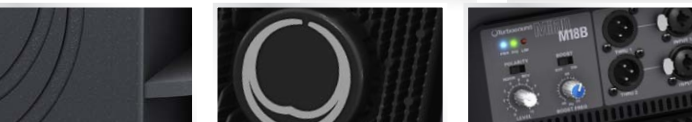
# M15B & M18B

# Milan

## 2200-Watt Powered Subwoofers

These compact powered single 15" and single 18" subwoofers extend the frequency range of any Milan system, adding low frequency punch and extra overall loudness – a great match with M10, M12 or M15 powered loudspeakers. The bandpass design brings two distinct benefits to this demanding portable application: it 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 the full range loudspeakers.

The onboard 2,200 watt amplifier provides plenty of headroom to power the long-excursion bass drivers, allowing short term transients to lend dynamic range to the sound. Left and right inputs plus left and right outputs allowing a stereo Milan rig to be run with only one subwoofer if required.



## Key Features

High-performance 2,200-Watt bandpass subwoofers for PA applications

Sophisticated Class-D amplifier with comprehensive over-excitation, thermal and clip limit protection

Left and right stereo inputs and outputs enable two mid-highs to be used with one subwoofer

Lightweight birch plywood cabinet, screwed and glued for absolute rigidity and strength



### M15B Specifications

Dimensions (HxWxD):  
495 x 530 x 480 mm  
(19.5 x 20.9 x 18.9")

Net Weight:  
37kg (81.4lbs)

Frequency Range:  
45Hz–100Hz  $\pm$ 3dB

Max SPL:  
134dB peak (half space)

### M18B Specifications

Dimensions (HxWxD):  
590 x 640 x 530 mm  
(23.2 x 25.2 x 20.9")

Net Weight:  
48kg (105.6lbs)

Frequency Range:  
40Hz–100Hz  $\pm$ 3dB

Max SPL:  
134dB peak (half space)

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# Milan

## SERIES

PORTABLE SELF POWERED LOUDSPEAKERS

 **Turbosound**

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