

Milan MI5

Digitally Powered Live Sound

For almost three decades, Turbosound has enabled the passion, energy and emotion in live music to be enjoyed by vast numbers of people around the world. Now get yourself some of that in-your-face Turbosound attitude in a great sounding portable, durable and stylishly attractive go-anywhere powered loudspeaker that will raise your live sound to a new level



Why Milan stands out from the crowd

- **integrated 450 watt Class D digital amplifier**
 - > the most output from a lightweight package
- **internal DSP with frequency-dependent limiting**
 - > delivers max audio quality and protects drive units
- **integrated 2-channel mixer with mic and line inputs**
 - > to balance all your instruments and music sources
- **mix out function allows daisy-chaining of Milan speakers**
 - > versatility to easily expand your sound system
- **converging elliptical waveguide™**
 - > for smoother audience coverage and less distortion
- **trapezoidal shape with symmetrical wedge angle**
 - > 43° angle optimised for stability and coverage



SELF POWERED TWO-WAY LOUDSPEAKER | SELF-POWERED SUBWOOFER

The MILAN MI5 is a compact trapezoidal self-powered loudspeaker enclosure designed for use in a wide variety of live sound, corporate rental and mobile DJ applications that require professional sound quality in an easily transportable format.



The 15" reflex-loaded low frequency driver and a 1" high frequency compression driver on a 90°H x 60°V dispersion HF horn are combined in an optimally tuned trapezoidal enclosure, together with an integrated lightweight Class D amplifier module with mic and line inputs.



All operating controls, connectors and indicators are provided on the rear panel. The amplifier provides two input channels – which are both mic/line switchable – with individual level controls, as well as bass and treble tone controls, and a switchable low frequency contour when using the MI5 with subwoofers. A balanced XLR output provides a line level mix out signal to additional powered MILAN enclosures. Mains power is

supplied via an IEC mains connector with integrated fuseholder. Three LEDs indicate mains power, the presence of input signal, and limiter action.

The trapezoidal cabinet is constructed from injection-moulded polypropylene, and the symmetrical 43° angled sides enable its use as a compact wedge monitor. A dual angle pole mount socket is fitted for use with optional 35mm poles and loudspeaker stands. Recessed flush handles are provided on the cabinet sides as well as a handle on the top for easy lifting and carrying. A powder-coated perforated steel mesh grille protects the drive units from damage.

Rigging points are provided on the top of the cabinet to enable it to be suspended in permanent installations using M10 eyebolts.

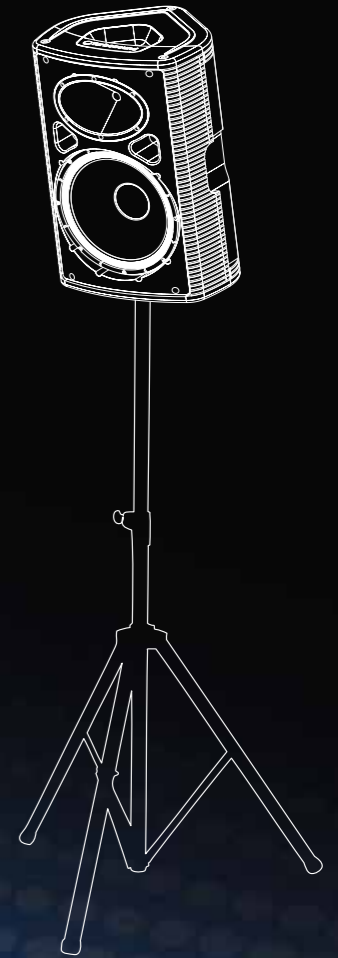
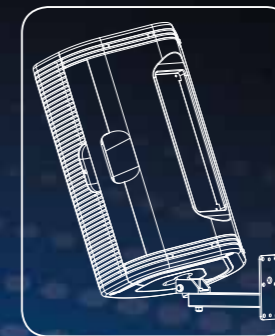
The MI8 Class D self-powered subwoofer provides a formidable 1kw of sub-bass support for the Milan M15, making up a very powerful but compact system that can go anywhere you can go, with the auto-sensing power supplies adjusting to mains supplies from 100 volts to 240 volts virtually anywhere in the world.



Point and shoot

We've made it easy to optimise your Milan speaker's audience coverage with a clever dual-angle pole holder that lets you raise the cabinet higher and fire it slightly downwards towards your audience for better intelligibility. Flying the cabinet in a fixed install is a breeze too – the threaded rigging points on both top and bottom allow horizontal or vertical suspension and precise tilting, or you can lock the pole mount on to a universal wall bracket for a permanent install.

Accurate positioning with Milan means better sound for everyone.



Rock out, don't rock over



Very few loudspeaker companies can claim more detailed sharp-end expertise of professional wedge monitors than Turbosound. We've created exactly the right wedge angle for Milan - so strap on that LP, get a boot up on the wedge and strike a pose.

Hear yourself loud and clear

Milan M15

The essential mix

Milan features a fully functioned 2-channel mixer so you can easily balance all your audio sources for the perfect mix every time. The lockable combo jack/XLRs inputs will accept microphones, instruments and mp3 players, so you won't even need a separate mixer for most gigs.

Each channel provides a generous range of bass and treble EQ, and there's an innovative Mix Out function that allows you to daisy-chain the output to additional Milan loudspeakers to further extend your system.

Power on tap

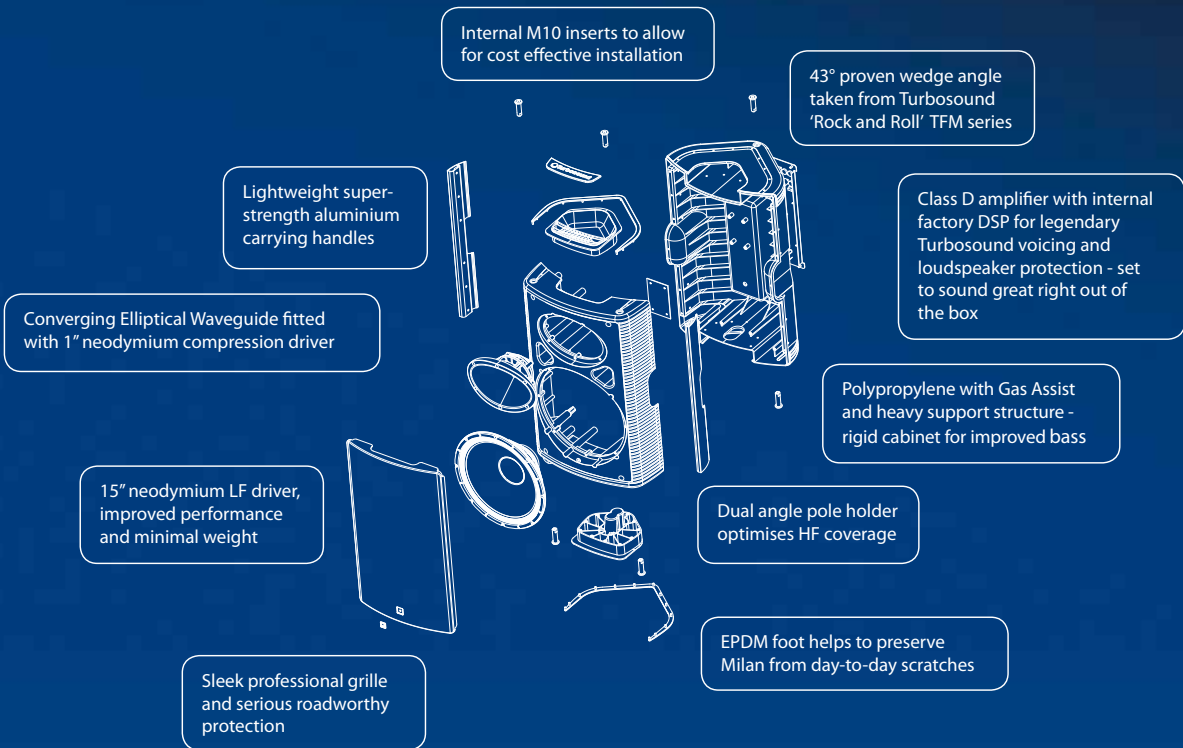
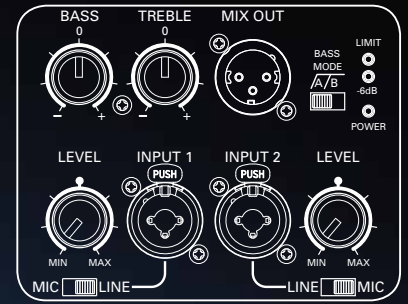
The M15 delivers a whopping 450 program watts of effortless super-clean power from its built-in Class D digital power amplifier. But all this power does not come without some measure of responsibility: in order to prevent those show-stopping blow-outs, the sophisticated frequency-dependent limiters work

transparently to make sure that Milan operates well within its safe limits.

The digital domain

Digital electronics opens up a whole world of possibilities: as well as better electrical power conversion into acoustic

watts (the Class D amp is more than 90% efficient so there's no need for bulky heatsinks), it also allows us to precisely shape the frequency response according to the speaker's loudness, optimising the sound quality and enhancing long term reliability. And all this performance is delivered straight out of the box from an amplifier module weighing less than 2kg.



Model	Dimensions	Net weight	Frequency range	Dispersion	Max SPL	Connectors
M15	720 x 470 x 400mm 28.3" x 18.5" x 15.7"	22kg / 48.4lbs	23Hz – 22kHz ±10dB	90°H x 60°V @-6db	125dB / 131dB	JackXLR I/P, XLR O/P, IEC mains
M18	500 x 700 x 600mm 19.7" x 27.5" x 23.6"	45kg / 99lbs	38Hz – 125Hz ±10dB	n/a	131dB / 137dB	JackXLR I/P, XLR O/P, IEC mains