

Q10

BLACKLINE 

10" Passive Two-way Portable Loudspeaker

Features

- Compact passive two-way system
- Symmetrical multi-angle plywood enclosure
- Peak SPL of 125dB (131dB with crest factor 4)
- User-rotatable Differential Dispersion horn
- Dispersion: 90°–110° horizontal × 50° vertical
- Vertical and horizontal orientation
- Screw-tight, cloth-backed perforated steel grille
- Integrated ergonomic handle made from recycled ABS
- Pole-mount cover maintains clean lines
- 8Ω nominal impedance
- Two NL4 connectors
- Flexible mounting options via M8 inserts

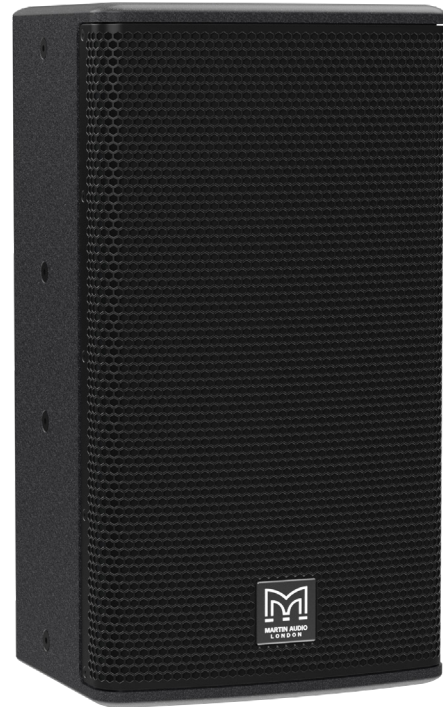
Applications

- Portable sound reinforcement
- Live music clubs
- Bars and restaurants
- Nightclubs
- Unobtrusive stage monitoring
- Corporate AV events and conferences
- Weddings and parties
- Main PA infill
- Secondary stages at festivals
- Houses of worship, leisure centres and retail outlets

With a peak SPL of 125dB (131dB with crest factor 4), Blackline Q10 is a high-performance yet compact passive two-way loudspeaker system. It features a 10" (250mm) LF driver with a 2.5" (63mm) voice coil and a 1" (25mm) exit HF compression driver with a 1.4" (36mm) dome. The system incorporates a Differential Dispersion horn for wider and more consistent coverage, which can be easily rotated for horizontal or vertical orientation depending on deployment requirements.

Blackline Q10 offers exceptional versatility across a wide range of professional applications — from distributed sound reinforcement, houses of worship, and AV events to front-fill/in-fill duties and use as an unobtrusive stage monitor. Its high output performance makes it uniquely suited for music bars and clubs that demand upfront sound levels from a compact enclosure.

When paired with a BlacklineQ Series subwoofer, Q10 becomes a remarkably powerful yet portable system, ideal for small



dancefloors or sound reinforcement applications where space is limited but performance is critical.

Constructed from durable plywood and finished in a tough black textured paint, Q10 features a screw-fixed steel grille, M8 inserts for wall brackets, yokes or eyebolt suspension, and a pole-mount socket with a removable cover to maintain clean lines in installed applications.

This full-range, passive two-way system is recommended to be used with a processor and amplifier, or a combined amplifier-processor unit, such as a DX processor and VIA amplifier, or an iKON combined amplifier and processor.

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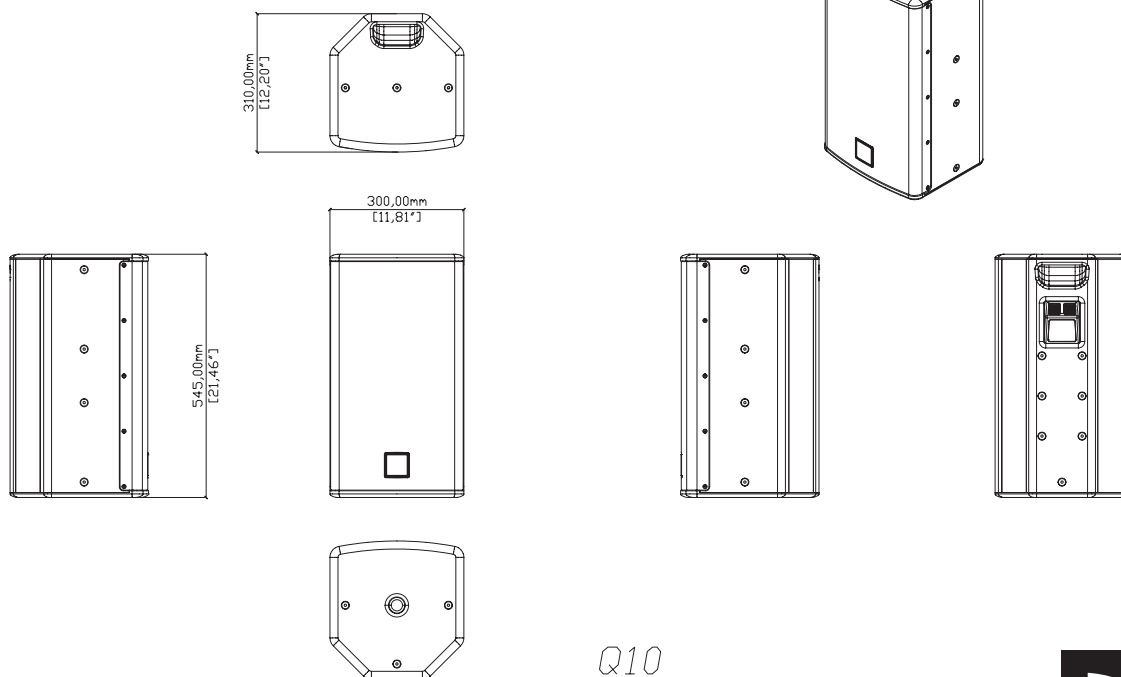
10" Passive Two-way Portable Loudspeaker

Technical Specifications

TYPE	Compact, passive two-way loudspeaker
FREQUENCY RESPONSE [1]	63 Hz – 17 kHz ± 3 dB, -10 dB @ 41 Hz
DRIVER (LF)	10" (250 mm) with 2.5" (63 mm) voice coil, ferrite motor system
DRIVER (HF)	1" (25 mm) exit compression driver with 1.4" (36 mm) voice coil, polyimide dome
RATED POWER [2]	250 W AES, 1000 W peak
REQUIRED ELECTRONICS	Processor and amplifier, or a combined amplifier-processor unit
RECOMMENDED ELECTRONICS	DX0.4, DX0.6 or DX4.0 system processor and VIA amplifier, or iKON amplifier-processor
SENSITIVITY [3]	95 dB
MAXIMUM SPL [3]	119 dB continuous, 125 dB peak, 131 dB peak with crest factor 4
NOMINAL IMPEDANCE	8 ohm
DISPERSION	Dispersion: 90°–110° (horizontal) × 50° (vertical) User-rotatable Differential Dispersion horn
CROSSOVER	3 kHz passive
ENCLOSURE	Symmetrical multi-angle plywood
FINISH	Black textured paint
PROTECTIVE GRILLE	Black perforated steel grille with scrim cloth backing
CONNECTORS	2 x NL4 connectors
PIN CONNECTIONS (INPUT)	1+/1–
PIN CONNECTIONS (LINK)	1+/1– to 1+/1– and 2+/2– to 2+/2–
FITTINGS	15 x M8 inserts, 6 x M8 inserts for wall bracket 1 x bar handle with recycled ABS pocket Pole-mount socket with removable cover
DIMENSIONS	(W) 300 mm x (H) 545 mm x (D) 310 mm (W) 11.8 in x (H) 21.5 in x (D) 12.2 in
WEIGHT	15.3 kg (33.7 lbs)
ACCESSORIES (OPTIONAL)	Wall bracket WB10/12 M8 eye bolt HTKCT05, yoke, transit cover

Notes

- (1) On-axis at 1 meter in open (4pi) space.
- (2) AES 2-1984 (r2003) using band-limited IEC-60268 weighted pink noise.
- (3) 2.83 V at 1 meter in open (4pi) space, measured in the 2pi (baffle) region.
- (4) 2.83 V at 1 meter in open (4pi) space.
- (5) Measured on-axis in open (4pi) space at 2 metres, then referred to 1 metre.
- (6) Measured in open (4pi) space at 2 metres with 1 watt input, using band limited pink noise, then referred to 1 metre.
- (7) Measured in open (4pi) space at 2 metres using band limited pink noise, then referred to 1 metre.
- (8) Measured in open (4pi) space at 2 metres with 2.83V input, using band limited pink noise, then referred to 1 metre.
- (9) Calculated at 1 metre.
- (10) Measured in half (2pi) space at 2 metres with 2.83V input, using band limited pink noise, then referred to 1 metre.


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