

# Q12

**BLACKLINE** 

## 12" Passive Two-way Portable Loudspeaker

### Features

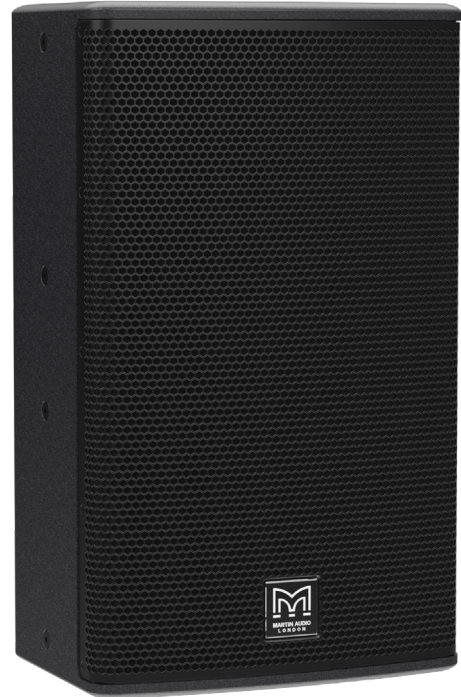
- Compact passive two-way system
- Symmetrical multi-angle plywood enclosure
- Peak SPL of 127dB (133dB with crest factor 4)
- User-rotatable Differential Dispersion horn
- Dispersion: 90°–110° horizontal × 50° vertical
- Vertical and horizontal orientation
- Screw-tight, cloth-backed perforated steel 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 127dB (133dB with crest factor 4), Blackline Q12 meets the demand for a compact loudspeaker capable of delivering high sound levels — whether used as a stand-alone system or in combination with a BlacklineQ subwoofer. It features a 12" (300mm) LF driver with a 2.5" (63mm) voice coil and a 1" (25mm) exit HF compression driver with a 1.7" (43mm) dome. It has 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 Q12 is a compact yet powerful loudspeaker, featuring a 12" (300mm) LF driver with 2.5" (64mm) voice coil and a 1" (25mm) exit HF compression driver with 1.7" (43mm) dome. Its Differential Dispersion horn ensures wide and consistent coverage and can be easily rotated for either horizontal or vertical orientation, making it adaptable to various deployment needs.



When paired with a BlacklineQ Series subwoofer, Q12 transforms into a high-performance dancefloor or sound reinforcement system—delivering impressive output and clarity for its size, while remaining highly portable.

Constructed from durable plywood, Q12 is finished in a tough black paint and protected by a screw-tight steel grille. It includes M8 inserts for wall brackets, yoke or eyebolt suspension, and the pole-mount socket has a removable cover to maintain clean aesthetics 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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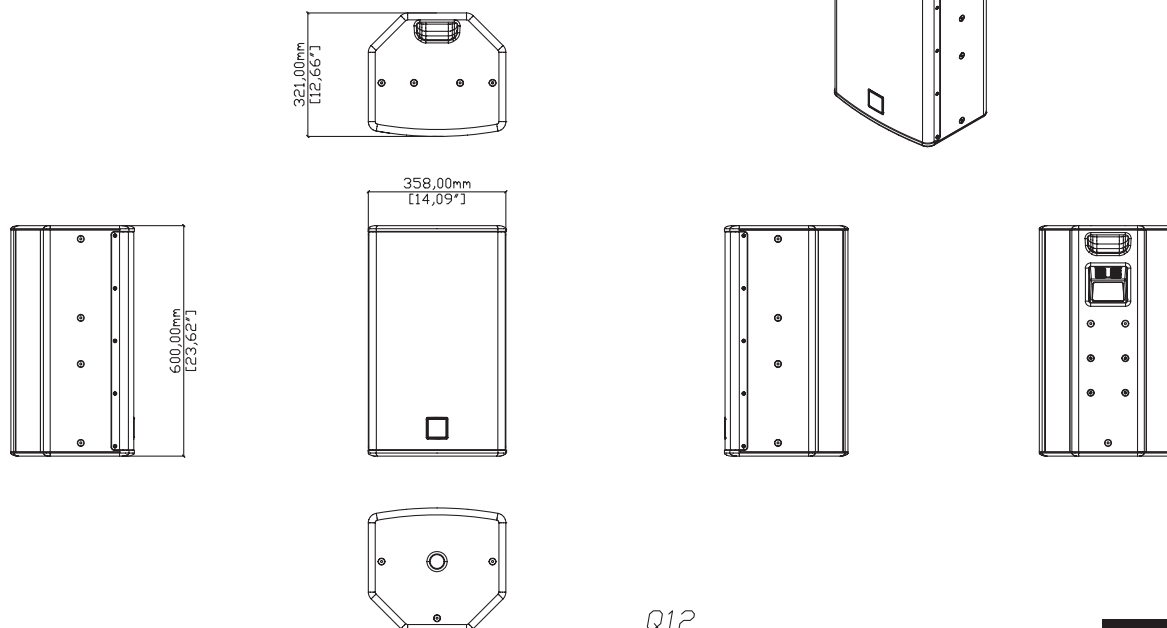
## 12" Passive Two-way Portable Loudspeaker

### Technical Specifications

TYPE	Compact, passive two-way loudspeaker
FREQUENCY RESPONSE [1]	56 Hz – 17 kHz $\pm$ 3 dB, -10 dB @ 45 Hz
DRIVER (LF)	12" (300 mm) with 2.5" (63 mm) voice coil, ferrite motor system
DRIVER (HF)	1" (25 mm) exit compression driver with 1.7" (43 mm) voice coil
RATED POWER [2]	300 W AES, 1200 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]	96.5 dB
MAXIMUM SPL [3]	121 dB continuous, 127 dB peak, 133 dB peak with crest factor 4
NOMINAL IMPEDANCE	8 ohm
DISPERSION	Dispersion: 90°–110° (horizontal) $\times$ 50° (vertical) User-rotatable Differential Dispersion horn
CROSSOVER	2.7 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	16 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) 358 mm x (H) 600 mm x (D) 321 mm (W) 14.1 in x (H) 23.6 in x (D) 12.7 in
WEIGHT	18.4 kg (40.6 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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