

Q15

BLACKLINE 

15" Passive Two-way Portable Loudspeaker

Features

- Passive two-way system
- Symmetrical multi-angle plywood enclosure
- Peak SPL of 133dB (139dB with crest factor 4)
- User-rotatable Differential Dispersion horn
- Dispersion: 70°– 90° 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

Blackline Q15 is a significant upgrade over its predecessor, delivering enhanced performance and wider coverage, and features a die-cast aluminium chassis for improved thermal conductivity and more efficient motor cooling.

A passive two-way system, Q15 is designed for professional portable applications and installations that demand the ultimate in sonic performance from a single enclosure.

Capable of delivering a peak SPL of 133dB (139dB with crest factor 4), Blackline Q15 features a powerful 15" (380mm) LF driver with a 4" (102mm) voice coil and a 1.4" (35mm) exit HF compression driver with a 3" (75mm) dome. Its Differential Dispersion horn ensures wide and consistent coverage and can be easily rotated for horizontal or vertical orientation, depending on deployment requirements.



Q15 is built from robust plywood and finished in durable black paint. It has a screw-tight steel grille, M8 inserts for wall bracket, yoke or eyebolt suspension, and a pole-mount socket with a removable cover to maintain clean lines for installation 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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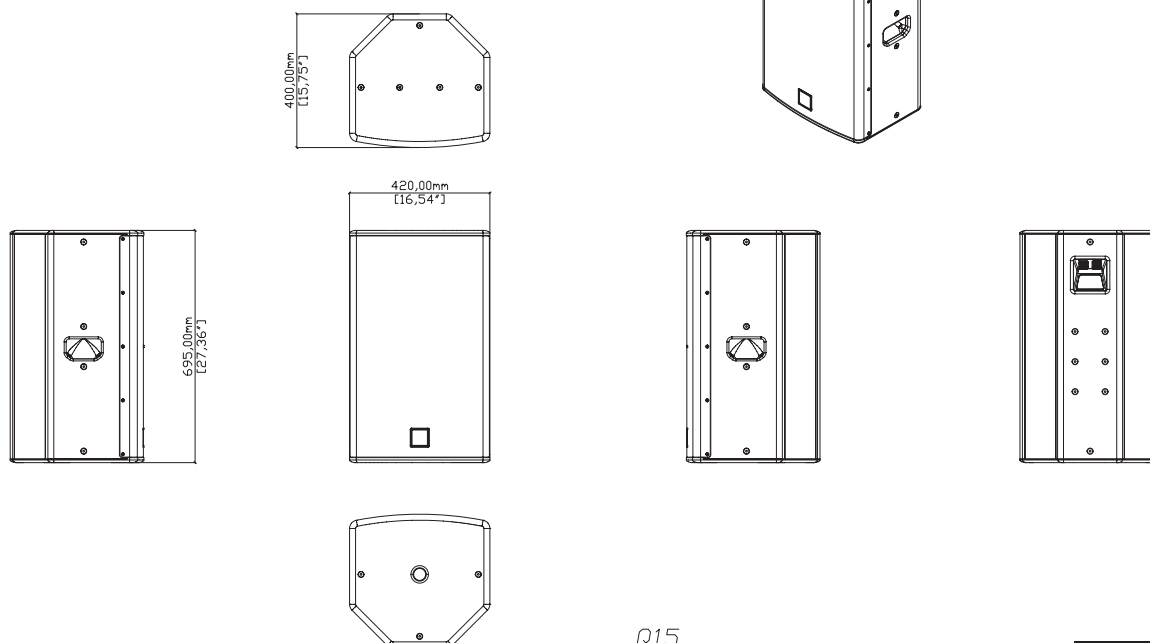
15" Passive Two-way Portable Loudspeaker

Technical Specifications

TYPE	Passive two-way loudspeaker
FREQUENCY RESPONSE [1]	56 Hz – 17 kHz \pm 3 dB, -10 dB @ 45 Hz
DRIVER (LF)	15" (380 mm) with 4" (100 mm) voice coil, ferrite motor system
DRIVER (HF)	1.4" (35 mm) exit compression driver with 3" (75 mm) voice coil
RATED POWER [2]	800 W AES, 3200 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]	98 dB
MAXIMUM SPL [3]	127 dB continuous, 133 dB peak, 139 dB peak with crest factor 4
NOMINAL IMPEDANCE	8 ohm
DISPERSION	Dispersion: 70°–90° (horizontal) \times 50° (vertical) User-rotatable Differential Dispersion horn
CROSSOVER	1.5 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	18 x M8 inserts, 6 x M8 inserts for wall bracket 2 x pocket handles made from recycled ABS Pole-mount socket with removable cover
DIMENSIONS	(W) 420 mm x (H) 695 mm x (D) 400 mm (W) 16.5 in x (H) 27.4 in x (D) 15.8 in
WEIGHT	33.8 kg (74.6 lbs)
ACCESSORIES (OPTIONAL)	Wall bracket WB15 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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