



X15 High Power
Passive Two
Way System



MARTIN AUDIO X15 High Power Passive Two Way System Owner's Manual

[Home](#) » [MARTIN AUDIO](#) » MARTIN AUDIO X15 High Power Passive Two Way System Owner's Manual 

Contents

- [1 MARTIN AUDIO X15 High Power Passive Two Way System](#)
- [2 Features](#)
- [3 Applications](#)
- [4 Technical Specifications](#)
- [5 Documents / Resources](#)
 - [5.1 References](#)
- [6 Related Posts](#)



MARTIN AUDIO X15 High Power Passive Two Way System



Features

- High power, passive two-way system
- Symmetrical multi-angle plywood enclosure
- User-rotatable 80° x 50° horn
- Vertical and horizontal orientation
- Screw-free, cloth-backed perforated steel grille
- Integral ergonomic handles
- Removable pole-mount bung maintains clean lines
- 8Ω nominal impedance
- Twin NL4 connectors
- Flexible mounting options via M8 inserts



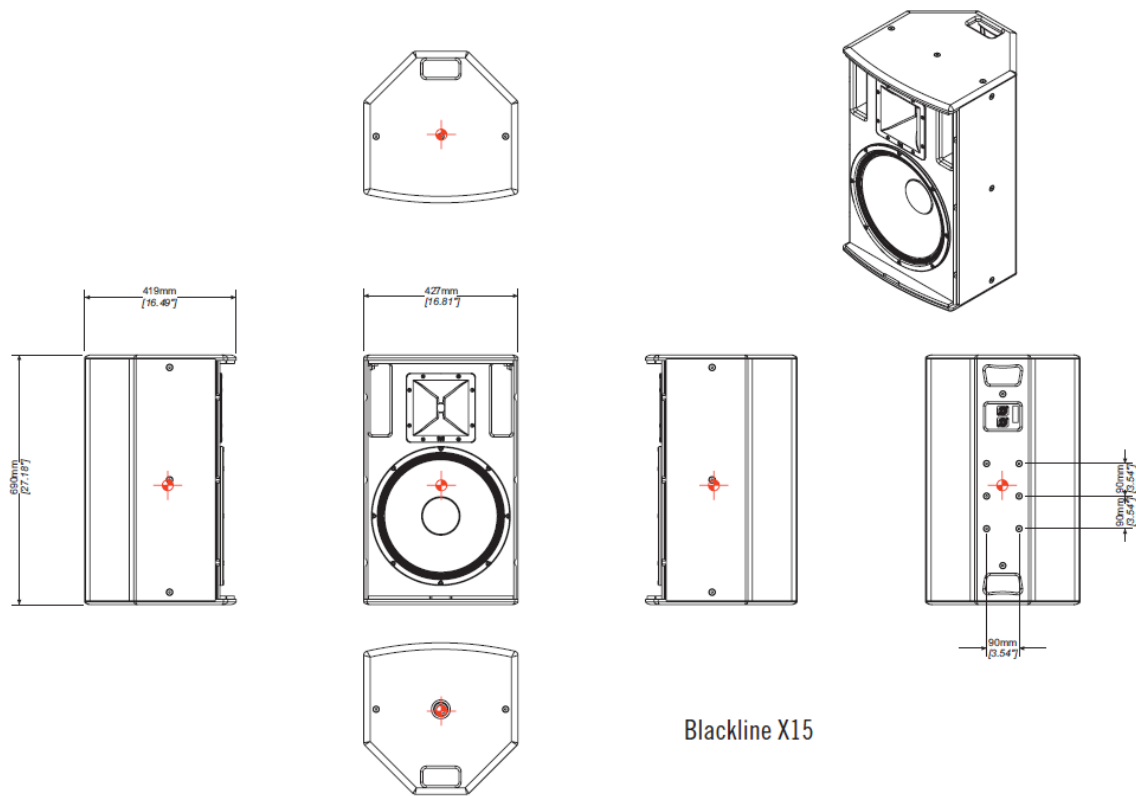
Applications

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

The X15 is a very high-power, passive two-way system designed for professional portable applications and installations that demand the ultimate in sonic performance from a single enclosure. With an accurately-defined 80° x 50° coverage pattern, it combines very high output capability with exceptional sonic performance and impact. It features a powerful 15" (380mm)/3" (75mm) voice coil LF drive unit, and a 1" (25mm) exit HF compression driver with a 1.75" (44mm) polyimide diaphragm for extended high frequency response. The X15 is constructed from plywood and fitted with a screw-free steel grille, M8 inserts for a wall bracket and eyebolt suspension, plus a pole-mount socket with a removable bung that maintains clean lines in install applications. Finished in black textured paint. A full-range passive two-way system, the X15 may be used without a controller. However, the EQ and limiter functions of a controller such as the Martin Audio DX0.4 or DX0.6 will maximise its capabilities and provide crossover functions when used with a subwoofer such as the X115, X118 or X218.

Technical Specifications

- TYPE High-power, passive two-way system
- FREQUENCY RESPONSE (5) 55Hz-20kHz \pm 3dB -10dB @ 45Hz
- DRIVERS LF: 15" (380mm)/3" (75mm) voice coil, ferrite motor system
- HF: 1" (25mm) exit/1.7" (44mm) voice coil, polyimide dome compression driver
- RATED POWER (2) 400W AES, 1600W peak
- RECOMMENDED AMPLIFIER VIA5002 or VIA5004
- SENSITIVITY (8) 99dB
- MAXIMUM SPL (9) 125dB continuous, 131dB peak
- NOMINAL IMPEDANCE 8 ohms
- DISPERSION (-6dB) 80° H x 50° V (user-rotatable)
- Crossover 2.2kHz passive
- ENCLOSURE Multi-angle birch/poplar ply
- FINISH Black textured paint
- PROTECTIVE GRILLE Black perforated steel with scrim cloth backing
- CONNECTORS 2 x NL4 type
- PIN CONNECTIONS (INPUT) 1+/-
- PIN CONNECTIONS (LINK) 1+/- to 1+/-
- FITTINGS 19 x M8 inserts, pole-mount socket, 2 x bar handles
- DIMENSIONS (W) 427mm x (H) 690mm x (D) 419mm (W) 16.8ins x (H) 27.2ins x (D) 16.5ins
- WEIGHT 24kg (52.9lbs)
- ACCESSORIES Wall bracket, eyebolts



Blackline X15

Notes

1. Measured on-axis in half (2pi) space at 2 metres, then referred to 1 metre.
2. AES Standard ANSI S4.26-1984.
3. Measured in half (2pi) space at 2 metres with 1 watt input, using band limited pink noise, then referred to 1 metre.
4. Measured in half (2pi) space at 2 metres using band limited pink noise, then referred to 1 metre.
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.

Trade Descriptions Act


Due to Martin Audio's policy of continuing improvement, we reserve the right to alter these specifications without prior notice. Martin Audio is committed to refining state of the art sound reinforcement, combining in-depth product and field applications research with advanced manufacturing techniques. Every Martin Audio product is built to the highest manufacturing standards and rigorously tested to ensure that it meets the performance criteria specified in the design.

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Documents / Resources

	<p>MARTIN AUDIO X15 High Power Passive Two Way System [pdf] Owner's Manual X15, X15 High Power Passive Two Way System, High Power Passive Two Way System, Passive Two Way System, Two Way System, System</p>
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References

- www.martin-audio.com
- [User Manual](#)

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