



Model No. **DX1815** **Large volume acoustic backbox**

• For use with a 15" speaker

Large volume acoustic backbox engineered for distributed speaker systems requiring sound reinforcement of the highest quality, the DX1815 combines the benefits of a large metal enclosure with the acoustic characteristics associated with a 3/4" plywood box. It allows a 15" speaker to operate at its optimum loading level, providing the system with improved low frequency response.



Features

- Welded, unitized, heavy 18-gauge steel with damping to eliminate acoustical/mechanical resonance.
- Measures 29.75"L x 23.32"W x 15.16"D *
- Inner walls lined with .5" thick acoustical fiberboard to prevent sympathetic vibrations within the expanse of the cavity.
- 1.5" premium acoustic lining (1.5 lbs. density rating) to absorb undesirable resonance in the high frequency range.
- Four .5" - .75" conduit knockouts.
- Eyebolts are factory mounted into 1/4" - 20 hex nuts and extend 1.948".
- Grille mounting flange projects .437" for efficient installation in plaster, poured concrete, sheetrock, or suspended tile ceilings.
- Includes 8-32 screw retaining U-clips to accept Lowell grille Model No. JG-15 (order separately).
- Made in the U.S.A. with certified U.S. steel

A&E Specifications

The recessed acoustic backbox for 15" speakers shall be Lowell Model No. DX1815. It shall be fabricated of 18-ga. steel heavily damped to eliminate acoustic and mechanical resonance. Inner walls shall be lined with .5" thick acoustic fiberboard and 1.5" thick acoustic batting. Backbox shall measure 29.75"L x 23.32"W x 15.16"D (not including eyebolts) and have an internal volume of 5.9 cu.ft. It shall feature 1/4" x 20 forged eyebolts for suspended installation (using flyware by others). The backbox be finished in black powder epoxy.

Compatible Components: (order separately)

- Grille Model No.JG-15

Model Number

Model	Description	Length	Width	Depth	Lining	Volume (cu.ft.)
DX1815	Acoustic backbox for 15" speaker	29.75"	23.31"	15.16" *	1.5" batting	5.9

* Eyebolts extend 1.948"

Technical Drawings

