



Model No. **DX1612** **Acoustic Backbox**

• For use with 12" speaker

Large volume acoustic backbox is engineered for distributed speaker systems requiring sound reinforcement of the highest quality. It combines the benefits of a large metal enclosure with the acoustic characteristics associated with a 3/4" plywood box, allowing a 12" speaker to operate at its optimum loading level to provide the system with improved low frequency response.

Construction & Features

- Rigidly braced fabrication of welded, unitized heavy 18-gauge steel with damping to eliminate acoustical and mechanical resonance.
- 23.25" x 18.25" x 16.75" (4.0 cu.ft. volume)
- Inner walls lined with 0.5" thick acoustical fiberboard to prevent sympathetic vibrations within the expanse of the cavity.
- Inside surfaces lined with 1.5" premium acoustic lining (1.5 lbs. density rating) to absorb undesirable resonance in high frequency range.
- Four 0.5" to 0.75" conduit knockouts.
- Grille mounting flange projects 0.437" for efficient installation in plaster, poured concrete, sheetrock, or suspended tile ceilings. Includes 8-32 screw retaining U-clips to accept Lowell grille with ported subplate.
- Four 1/4"-20 forged eyebolts on top for suspended installation (using flyware by others). Eyebolts are factory-mounted in 1/4"-20 hex nuts and extend 1.948."
- Made in the U.S.A. with certified U.S. steel
- Black powder epoxy finish

A&E Specifications

The recessed acoustic backbox for 12" speakers shall be Lowell Model No. DX1612, which shall be fabricated of 18-ga. steel heavily damped to eliminate acoustic and mechanical resonance. Inner walls shall be lined with 0.5" thick acoustic fiberboard and 1.5" thick acoustic lining.



Backbox shall measure 23.25" x 18.25" x 16.75" with an internal volume of 4.0 cu.ft. It shall have four 1/2"-3/4" knockouts for conduit and 1/4"-20 forged eyebolts for suspended installation (using flyware by others). It shall be finished in black powder epoxy.

Compatible Components (order separately)

- Speaker.....12P150, 12Q250
- Grilles.....FW-12, FW-12Q
- Flyware.....By others

Technical Drawings

