



## Model No.

# DX198 Large Volume Acoustic Backbox

## • For use with 8" speaker

Engineered for distributed speaker systems requiring sound reinforcement of the highest quality, the DX198 combines the benefits of a large metal enclosure with the acoustic characteristics associated with 3/4" plywood or particle board. It allows an 8" speaker to operate at its optimum loading level, providing the speaker system with improved low frequency response.



### Construction & Features

- 18-gauge steel box measures 15"L x 15"W x 8"D.
- Rigidly braced, welded, unitized heavy gauge steel with damping to eliminate acoustical/mechanical resonance.
- Inner walls lined with .5" thick acoustical fiberboard to prevent sympathetic vibrations within the expanse of the cavity.
- Inside lined with 1.5" thick premium acoustic lining (1.5 lbs. density rating) to absorb undesirable resonance in the high frequency range.
- Four .5" - .75" conduit knockouts.
- Two sets of slotted tabs welded on parallel sides to facilitate mounting with optional channel rails. Slotted tabs may also be used as seismic anchor points where required by code.
- 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 grilles listed under Compatible Components.
- Made in the U.S.A. with certified U.S. steel

### A&E Specifications

The recessed acoustic backbox for 8" speakers shall be Lowell Model No. DX198. 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 15" sq. x 8"D with an internal volume of 1.042 cu.ft. It shall be furnished with four 1/2" - 3/4" knockouts for conduit and have two sets of slotted tabs welded on parallel sides to facilitate channel mounting or seismic anchoring. It shall be finished in black powder epoxy paint.

### Compatible Components (order separately)

- Speakers ..... standard 8" E.I.A.
- Grilles ..... FW8, JG8X
- Channel Rails ..... SS30

### Model Summary

Model	Description	Length x Width	Depth	Lining	Volume
DX198	Large Volume Acoustic Backbox	15 in. square	8 in.	1.5 in. batting, fiberboard	1.042 cu.ft.

