

Description

Lowell's DX104 backbox for 4-inch speakers is acoustically engineered for professional sound installations where the highest quality sound reproduction and fidelity must be attained. It is an acoustically treated large volume design allowing a 4-inch loudspeaker to operate at optimum loading level and to achieve improved low frequency response with rich, full bass.

Backbox Model DX104 is 10"Dia. x 6.75"D with an additional 3/8"D formed flange for attaching screw mount grille Model WB-4 (order separately). The DX104 is fabricated of welded 22 gauge steel and undercoated to eliminate acoustic and metallic resonance. Additionally, it is lined with 1.5" thick battled lining with a density rating of 1.5 pounds to neutralize undesirable resonance in the high frequency range. For conduit access, the backbox is furnished with four combination 1/2 - 3/4" knockouts. For installation convenience, four flexible mounting straps are positioned at 90 degree intervals. To facilitate suspended ceiling installation and to distribute the combined speaker and backbox weight to the ceiling grid, the backbox may be used with tile bridge Model LBS4-DX or SS Series channel in 24", 30", or 48" lengths (order separately).

Lowell offers a selection of 4" speaker drivers with optional 70V or 25V transformer for distributed music and voice paging. Popular 4" drivers include Model 4A30 (30W coaxial - 1.75 lbs w/o xfrm) and JR410 (15W high compliance cone - 1.7 lbs w/o xfrm).

A & E Specifications

The recessed backbox for 4" speaker drivers shall be acoustically treated Lowell Model DX104. Backbox shall be fabricated of welded 22 gauge steel and undercoated to eliminate acoustic and metallic resonance. It shall be lined with 1.5" thick battled lining with a density rating of 1.5 pounds to neutralize undesirable resonance in the high frequency range. Model (shall / shall not be) furnished with four combination 1/2-3/4" knockouts spaced at 90 degree intervals. It shall include four flexible mounting straps positioned at 90 degree intervals. Backbox shall mount Lowell grille Model WB-4. For suspended ceiling applications, tile bridge Model LBS4-DX or channel rail Model _____ (SS24, SS30, SS48) shall be used.



DX104



WB-4 companion grille (order separately)

Backbox Specifications

Backbox Model	Mounts Speaker Size	Backbox Size*	Volume cu.ft.	Features	Mounts Grille (order separately)
DX104	4"	10"Dia. x 6.75"D	0.307	1.5" thick batting	WB-4

* Diameter measurement is the outside of the backbox cylinder.

Companion Grille (order separately)

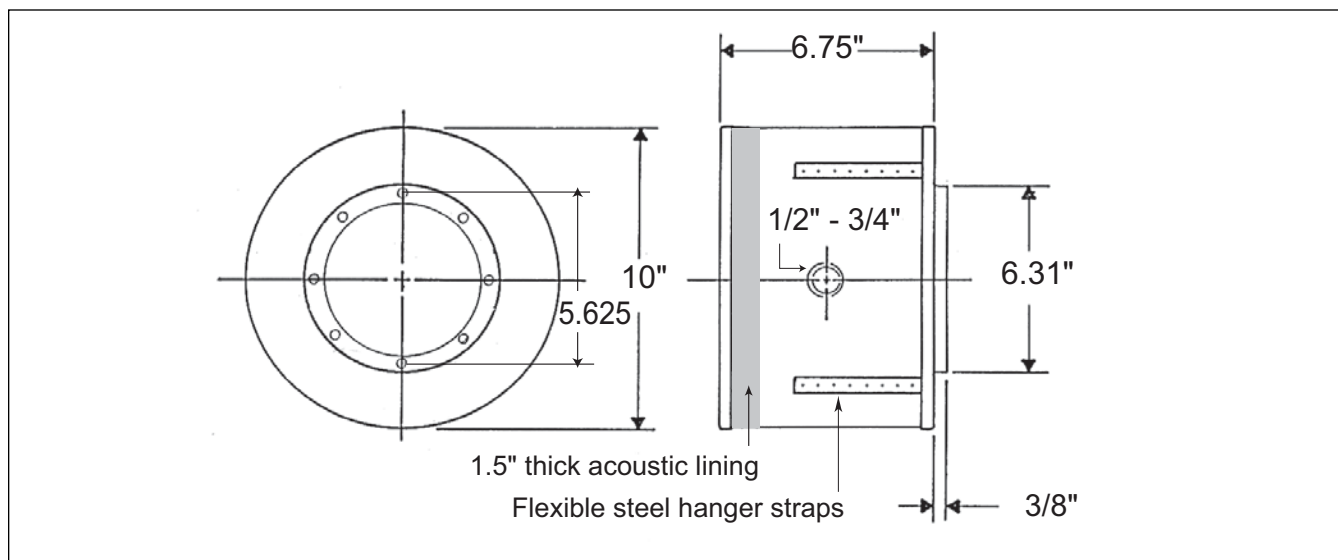
Grille Model	Mounts Speaker Size*	Grille Size	Mounting Style	Material	Color	Backbox (required)	+	T-Bridge, or Rails (if required for suspended ceilings)
WB-4	4"	7.25" Dia	4 Screws	Steel	White	DX104		LBS4-DX, SS Series rails

*Lowell offers a selection of 4" speakers with factory wired 70V or 25V transformers - see list in the Description paragraph or get specifications on the website.

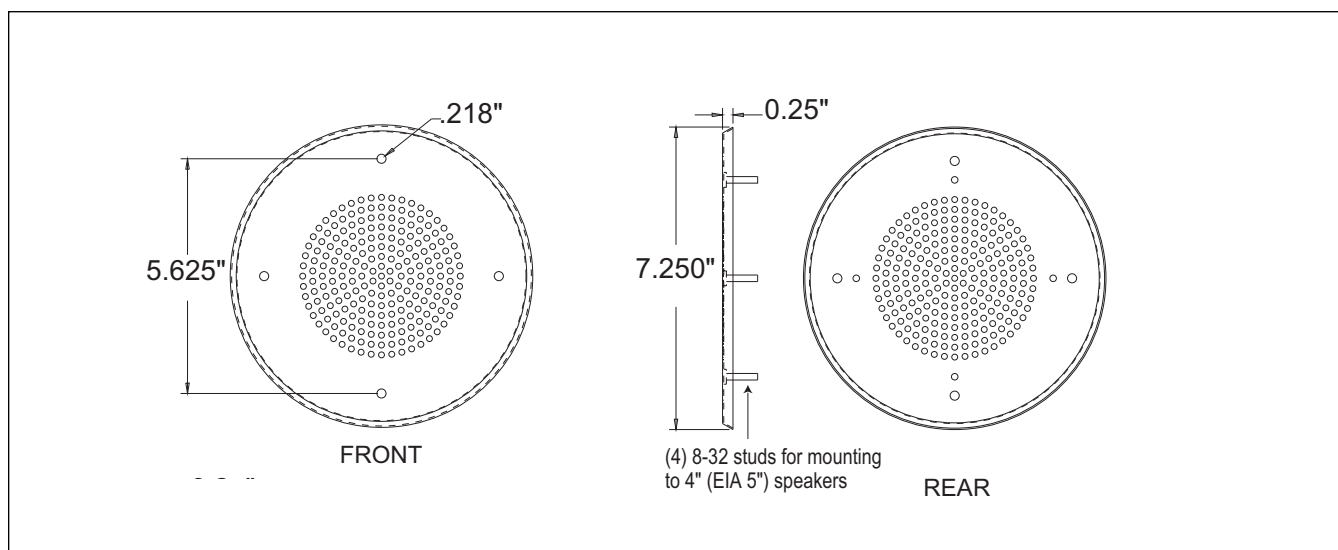
**DX104**

Acoustical Backbox for 4" Speakers and Screw-mount Grille WB-4

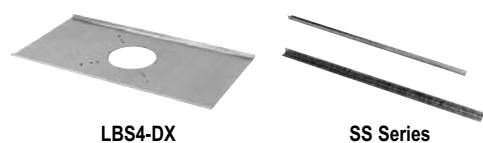
Companion Accessories for Backbox Model DX104



Dimensions for Model DX104



Dimensions for Model WB-4



Tile Bridge and Rail Details (order separately)

LBS4-DX	23.75"L T-bridge mounts 4in system with round backbox
SS24	23.75"L channel rail pair
SS30	30"L channel rail pair

AUDIO

12"/10"
Speakers & Accessories

8"
Speakers & Accessories

6"
Speakers & Accessories


4"
 Speakers & Accessories

Horn
Speakers & Accessories

Masking
Speakers & Generators

Control
Accessories & Electronics

Backboxes - Recessed