

Weber Custom Fab LLC

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Introducing...Patent Pending

Acoustical Products industry first, **LOW FREQUENCY DIFFUSER.**



N7 Low Frequency Diffuser

175 – 1500 HZ Effective Range

38.5 x 48 x 12" Depth 48 Pounds

Or 38.5 x 38.5 x 12" Depth 40 Pounds

21" Effective Well Depth!

Shown in Standard Flat Black

Includes Mounting Hardware for horizontal
or vertical installation

Order **WCF-XXX-L -48"** or **38.5"**



N7 Mid-Range Diffuser

350 – 3000 HZ Effective Range

22 x 48 x 6" Depth

25 Pounds

10.5" Effective Well Depth!

Order **WCF-XXX-M**

What's the big deal? Although the need and mathematics of N7 diffusers have been long established in the industry; efforts to create the much needed low frequency device have been restricted to on-site construction of wooden diffusers...very expensive and time consuming. An appropriate sized wooden N7 diffuser would weigh an unwieldy 110+ pounds. Plastic devices in this size and complexity tend to warp and therefore are restricted to the smaller high and mid-frequency devices. This has led Weber Custom Fab LLC, a long-time manufacturer of standard and custom mounting hardware, to develop a metallic version of this long-needed device.

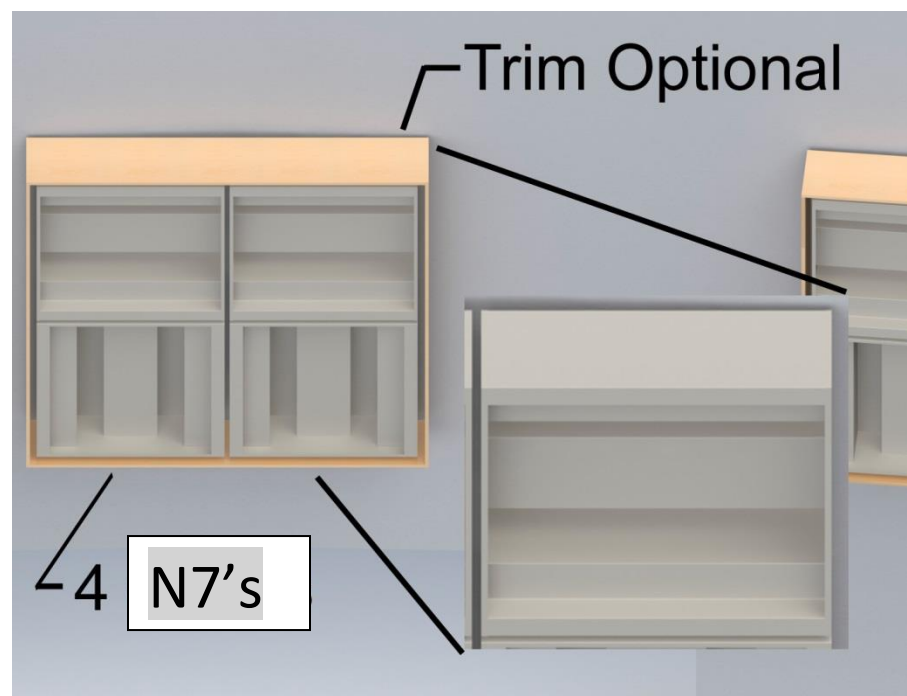
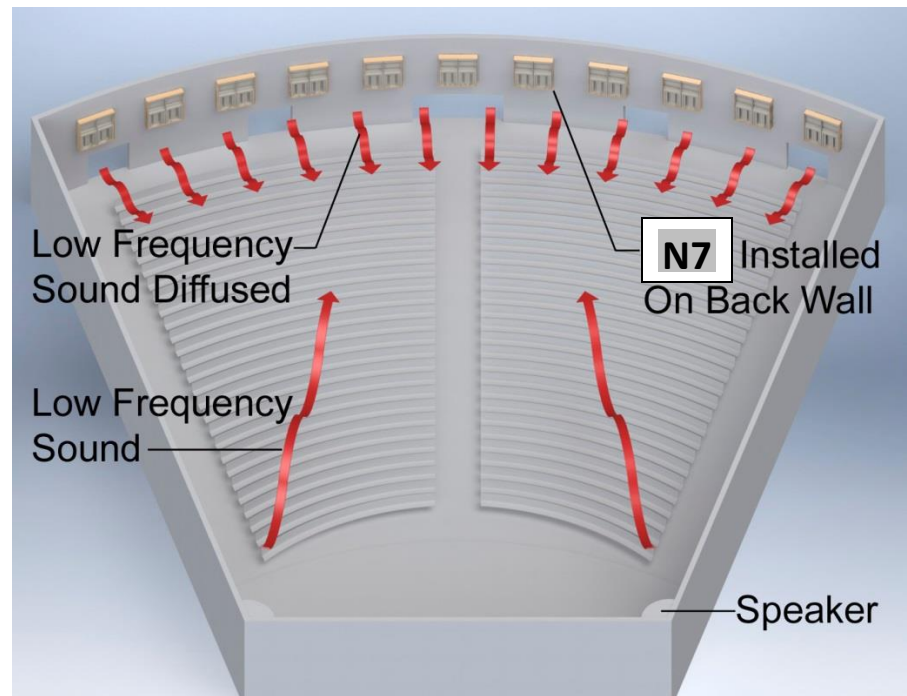
Listening areas such as theatres, churches and recording studios will benefit from proper placement of N7 diffusers. Without treatment unwanted variation occurs in low frequency (bass notes) resulting in “hot spots” or “nodes” in some areas, and “dead spots” in others. Sound Engineers and ordinary listeners alike will hear a clear difference in the balance across the audio spectrum anywhere in the listening environment!

N7 diffusers are often used with other acoustical products to meet stringent requirements of sound and aesthetic quality!

Typical Mounting

N7's are primarily used:

- Rear wall of listening area
- First reflection point of speakers aimed at walls
- In arrays of multiple panels from 4 (small area) to 1 per 120 square feet (large area)
- In combination with acoustically absorbent panels



*Trim Concept: Trim supplied by others