

DANLEY SOUND LABS FULL RANGE LOUDSPEAKERS

The Nano Cube is smallest member of the Danley Sound Labs product line. It is intended to be used in distributed 70Volt systems, supplemental fills, or stereo satellites with subwoofer systems. Its combination of ultra compact size, high fidelity and intelligibility makes the Nano Cube a perfect alternative, especially when compared to competitive units using soft dome tweeters. For applications that require more cubes on the same line, a transformer is also included.

Each cabinet houses 1 – 3" full range loudspeaker.

Specifications

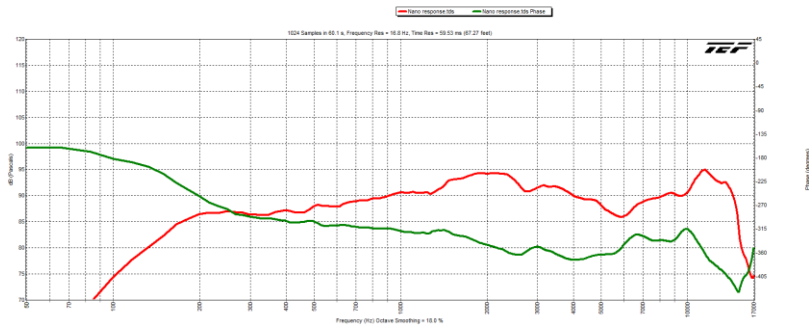
Coverage Pattern 100° horizontal x 100° vertical
 Operating Frequency Range 190 Hz – 14.9 kHz +/- 4 dB
 130 Hz – 15.4 kHz -10 dB
 Sensitivity @ 1M..... 90 dB SPL
 (Measured as 2.83V input, 1M whole space)
 Maximum Output 103 dB SPL Cont., 109 dB SPL Peak
 Input Power Ratings..... 20 W continuous, 80 W Peak
 Nominal Impedance 8 ohms or 70V taps 20w/15w/10w/5w
 Recommended Processing 150Hz HP @ 12 dB/Butterworth
 Drivers..... Full range 1 x 3"
 Input Connections Barrier Strip
 Enclosure Material Polypropylene/Polyethylene

Nano Cube

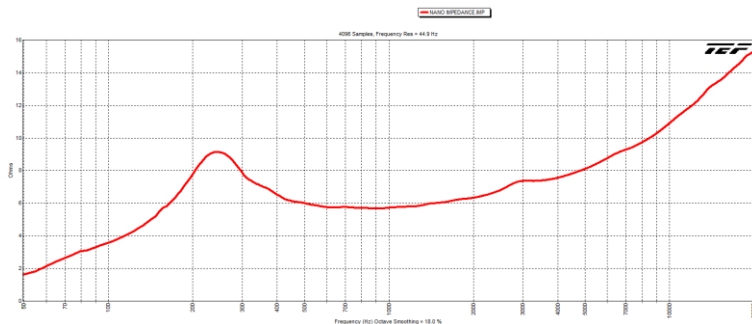
Big performance from a tiny package



Nano response
10/28/2014 9:36:40 AM DSL



Nano impedance
DSL 10/28/2014 9:49:29 AM



Accessories

U-Bracket Included

PERFORMANCE DATA

| Model | Max SPL | Sensitivity | Magnitude Response | Beam Width | Power Rating | Dimensions (in.) | Weight |
|-----------|---------|-------------|--------------------|-------------|--------------|------------------|--------|
| Nano Cube | 109dB | 90 dB | 130 Hz – 15.4 kHz | 100° x 100° | 20 W | 4.3 x 4.3 x 4.3 | 2 lbs |

Architect/Engineers Specs

The loudspeaker coverage pattern shall be 100° horizontal x 100° vertical. The loudspeaker shall have an operating range of +/- 4 dB 190 Hz – 14.9 kHz. Sensitivity of 90 dB SPL @ 1m. Output of 103dB SPL/109 dB SPL Peak. Power handling shall be 20 Watts continuous, 80 Watts peak. The impedance shall be nominal 8 ohms or 70V taps 20w/15w/10w/5w.

The loudspeaker shall be constructed of Polypropylene/Polyethylene and a rugged steel grill. The connectors shall be barrier strip with direct couple and 70Volt tap options. The Loudspeaker shall be the Danley Sound Labs Nano Cube.