

“PRELIMINARY” SPECIFICATIONS

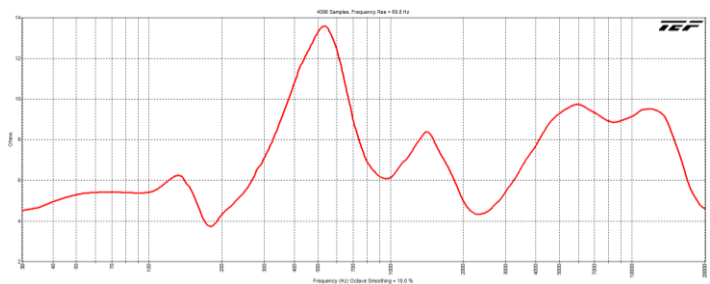
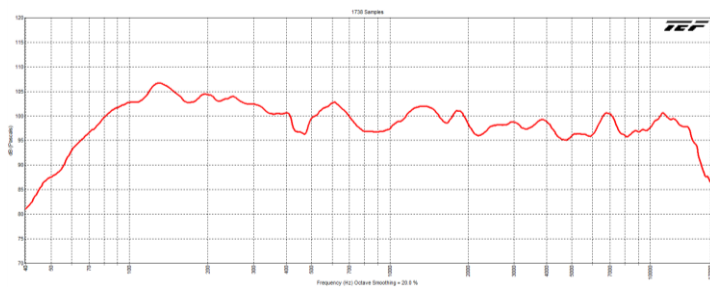
The **SBH-20LF** is Danley's answer for those who are looking for high performance in a column shaped cabinet. The SBH series of loudspeakers utilize patented technologies which are completely different from every other multi-cone column on the market. The SBH series use Paralene lenses to simulate very large horns. The result is a loudspeaker with the superior performance and pattern control of a full range horn, in the shape of a column, without the need for signal processing.

APPLICATIONS:

- Anywhere intelligibility is required in reverberant spaces
- Houses of Worship Public Assembly Halls
- Airports, Train Stations, Public Transit Hubs, Stadiums, Arenas
- Retail kiosks

Specifications

Coverage Pattern 120° x 20°
 Operating Frequency Range68 Hz – 14.3 kHz +/- 3 dB
54Hz – 16 kHz -10 dB
 Sensitivity99 dB SPL measured at 10M @ 28.3V input
 Maximum Output124dB SPL Cont., 130 dB SPL Program
 Recommended Amplifier Power 700 watts continuous, 2800 watts peak
 Recommended Processing60Hz High Pass 24 dB Butterworth
Self-Powered Versions available in analog only input
 Drivers.....4x 5” Coaxial drivers Paralene Horn Loaded, 2 x 8” woofers.
 Input Connections NL4
 Impedance..... 4 ohms
 Enclosure Material 13 Ply Baltic Birch with Polyurea Coating



SBH-20LF
 High fidelity and intelligibility in difficult spaces with extremely high directivity with no side lobes and no complicated DSP required



| PERFORMANCE DATA | | | | | | | |
|------------------|---------|-------------|--------------------|------------|-----------------|-------------------|--------|
| Model | Max SPL | Sensitivity | Magnitude Response | Beam Width | Power Rating | Dimensions (in.) | Weight |
| SBH-20 | 130dB | 99dB | 68Hz – 14.3kHz | 120° x 20° | 2800 watts peak | 60”H x 10”W x 9”D | 90lbs |

Architect/Engineers Specs

The loudspeaker shall utilize the Paraline patented enclosure. The coverage pattern shall be 120° x 20°. The loudspeaker shall have an operating range of +/- 3 dB 68 Hz – 14.3 kHz, +/- 10 dB 54Hz – 16 kHz. Sensitivity of 99 dBSPL (measured at 10M @ 28.3V input). Output of 124 dBSPL/130 dBSPL Peak. Power handling shall be 1400 Watts program.

The loudspeaker shall be constructed of 13 ply Baltic Birch with all drivers combining via the patented Danley Sound Labs Paraline lens horn technology and producing a unique form factor that is still a patented Synergy Horn. The Loudspeaker shall be the Danley Sound Labs SBH-20LF.