SPECIFICATIONS

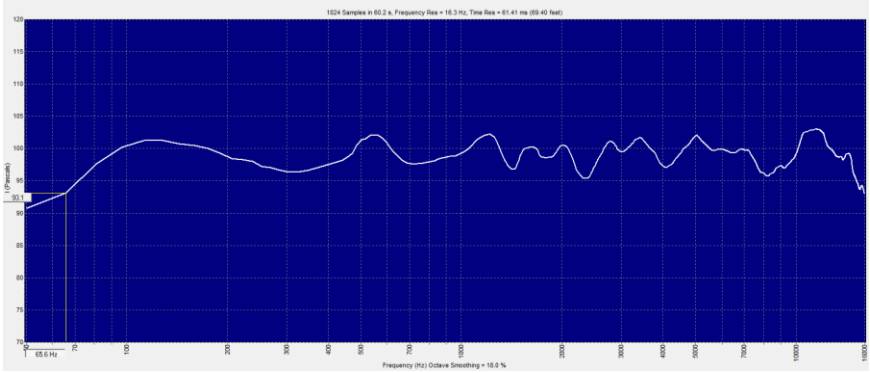
The **SBH-10** is Danley's answer for those that are looking for high performance in an ultra-compact column shaped cabinets. The SBH patented technologies are completely different from any of the multi-cone products on the market in that it is actually a large horn with an effective path length of over 25'! This yields superior performance with unparalleled pattern control, no spurious lobes and no complicated processing for proper performance.

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 140° x 10°
Operating Frequency Range ..... 77 Hz – 15 kHz +/- 3 dB
.....50Hz – 18 kHz -10 dB
Sensitivity…….99 dBSPL measured at 10M @ 28.3V input
Maximum Output .....127dBSPL Cont., 133 dBSPL Program
Recommended Amplifier Power:
1300 watts continuous, 5200 watts peak
Recommended Processing……80Hz High Pass 24 dB Butterworth
Self-Powered Versions available in analog only input
Drivers.....8-5" Coaxial drivers Paraline Horn Loaded
Input Connections.....NL4
Impedance…….4 ohms
Enclosure Material ..... 13 Ply Baltic Birch with Polyurea Coating



SBH-10

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-10	133dB	99dB	90 Hz – 16kHz	140° x 10°	5200 watts peak	60"H x 10"W x 9"D	100lbs

Architect/Engineers Specs

The loudspeaker shall utilize the Paraline patented enclosure. The coverage pattern shall be 140° x 10°. The loudspeaker shall have an operating range of +/- 3 dB 77 Hz – 15 kHz, +/- 10 dB 50Hz – 18 kHz. Sensitivity of 99 dBSPL (measured at 10M @ 28.3V input). Output of 127dBSPL/133dBSPL Peak. Power handling shall be 1300 Watts continuous 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-10.