

“PRELIMINARY” SPECIFICATIONS

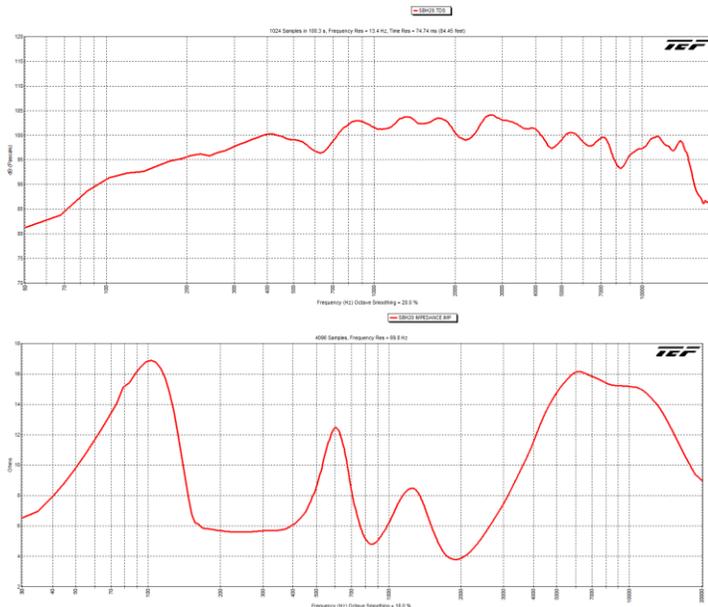
The **SBH-20** is Danley’s answer for those that are looking for high performance in an ultra-compact column shaped cabinets. The SBH patented technologies are completely different from any of the multi-cone products on the market in that it is actually a large horn with an extended path length! This 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 120° x 20°
 Operating Frequency Range 200 Hz – 14.7 kHz +/- 3 dB
 86Hz – 15.8 kHz -10 dB
 Sensitivity 99 dB SPL measured at 10M @ 28.3V input
 Maximum Output 124dB SPL Cont., 130 dB SPL Program
 Recommended Amplifier Power 600 watts continuous, 2400 watts peak
 Recommended Processing 200Hz High Pass 24 dB Butterworth
 Self-Powered Versions available in analog only input or digital audio input along with analog backup.
 Cobranet Dante or AVB options are available. Full remote monitoring and control per the screen capture.
 Drivers..... 4x5" Coaxial drivers Paraline Horn Loaded
 Input Connections NL4
 Impedance..... 4 ohms
 Enclosure Material 13 Ply Baltic Birch with Polyurea Coating



SBH-20

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	200 Hz – 14.7kHz	120° x 20°	2400 watts peak	30”Hx9”Wx9”D	60lbs

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 200 Hz – 14.7 kHz, +/- 10 dB 86Hz – 15.8 kHz. Sensitivity of 99 dB SPL (measured at 10M @ 28.3V input). Output of 0dB SPL/0dB SPL Peak. Power handling shall be 1200 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-20.