"PRELIMINARY" SPECIFICATIONS

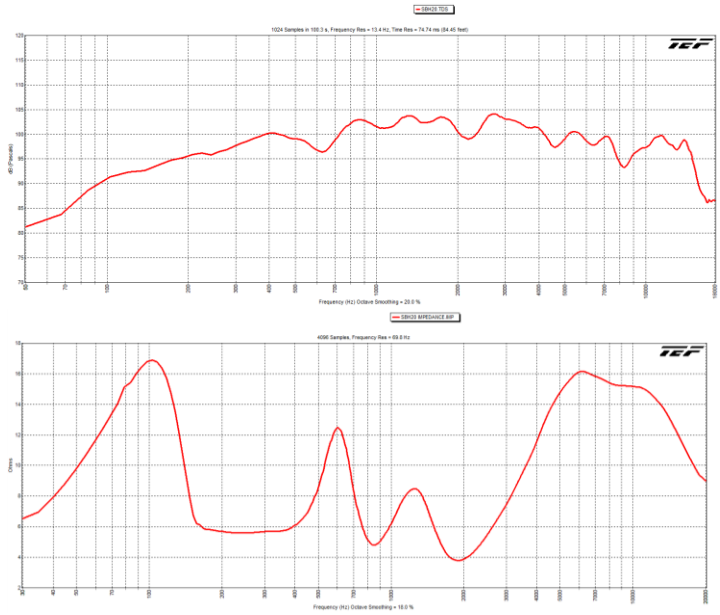
The **SBH-20** is Danley's answer for those that are looking for high performance in an ultra-compact column shaped cabinets. The SBH patented technologies are completely different from any of the multi-cone products on the market in that it is actually a large horn with an extended path length! This 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 dBSPL measured at 10M @ 28.3V input
Maximum Output ..... 124dBSPL Cont., 130 dBSPL Program
Recommended Amplifier Power 600 watts continuous, 2400 watts peak
Recommended Processing ..... 200Hz High Pass 24 dB Butterworth
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 dBSPL (measured at 10M @ 28.3V input). Output of 0dBSPL/0dBSPL 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.