

**“PRELIMINARY” SPECIFICATIONS**

The **SBH-20LF** 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. This yields superior performance with unparalleled pattern control, no spurious lobes and no complicated processing for proper performance.

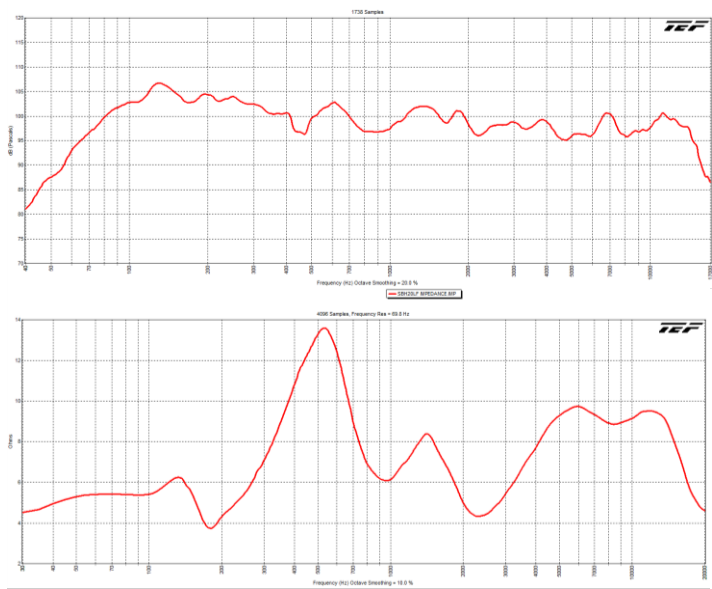
**APPLICATIONS:**

- 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 .....68 Hz – 14.3 kHz +/- 3 dB  
 .....54Hz – 16 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 700 watts continuous, 2800 watts peak  
 Recommended Processing .....60Hz High Pass 24 dB Butterworth  
 Self-Powered Versions available in analog only input or digital audio input along with analog backup.  
 Drivers.....4x 5” Coaxial drivers Paraline 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 dB SPL (measured at 10M @ 28.3V input). Output of 124 dB SPL/130 dB SPL 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.