



SF1 Loudspeaker

KEY FEATURES:

- ▶ Synergy Horn Technology
- ▶ Asymmetric Vertical Dispersion
- ▶ 160 x 60 degree coverage

The SF1 is a two-way loudspeaker design housing two 8" low frequency drivers and a single 1" high frequency compression driver. The SF1 lends itself to use in rooms with challenging acoustics as it features an asymmetrical vertical dispersion. This allows for extremely even coverage.

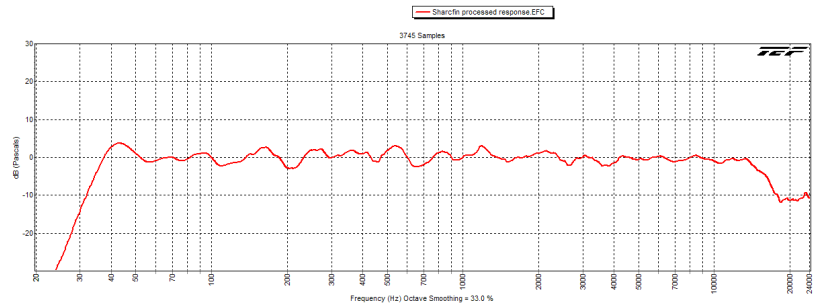
Driver placement within the horn, in unison with a synergy crossover network, allow for proper phase alignment between frequency bands. This permits the physically separated bands to combine and emerge from the horn in synchrony, greatly reducing off axis distortions in frequency response, allowing for high amounts of clarity at great distances. Furthermore, out of band harmonic distortion is limited with the use of acoustic low pass filters.

The 13 ply Baltic Birch is used throughout. The enclosure is encased in Polyurea for protection from impact and atmospheric conditions. A strengthened outdoor finish is available for long term exposure to rain and sunlight.

The cabinet is retrofitted for use with the MB50 Fly Bar via four 3/8" rig points on the top side. Two 3/8" yoke points provide mounting for the BRKT-SF1 U bracket on the sides. Ten 3/8" rigging points are distributed throughout four sides of the cabinet.



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Operating Frequency Range _____ 37Hz-14.7KHz -3dB
 _____ 31Hz-18KHz -10dB

Coverage Pattern _____ 160 x 60

Sensitivity _____ 89dB (measured as 2.83V @1m distance)

Maximum Output _____ 113 dB SPL Cont., 119 dB SPL Peak

Power Handling _____ 500 Watts Cont., 2000 Watts Peak

Recommended Power Amp _____ DNA 10K4 Pro

Impedance _____ 4 Ohm

Drivers _____ Low 2x8", High 1x1"

Input Connections _____ 1x NL4

Enclosure Material _____ 18mm Baltic Birch, polyurea coated

Weight _____ 75 lbs

Dimensions _____ 25"H x 12"W x 38"D

