

Sib XL-T

Sib & Co Line
4Ω / 100V

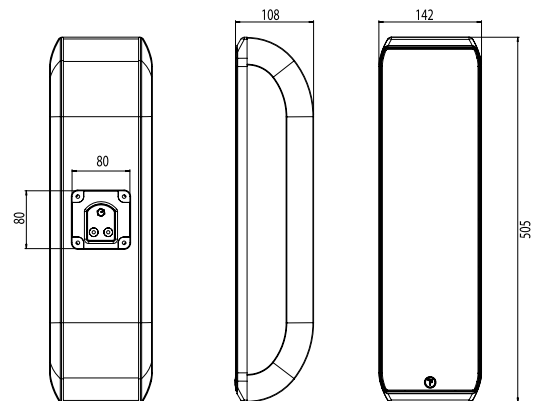


Key Points

- Unique design (flat screen depth).
- Vertical or horizontal installation.
- Vertical directivity limited to 65°: perfect for places of worship and reverberating places.
- Available in 2 colors (Pearl White and Jet Black) for optimum integration.
- On-wall fixing support (non-adjustable) supplied.
- 4Ω/100V mode by switching.
- Protected terminals.
- Speaker rich in bass with very good tonal balance.
- Excellent intelligibility.
- Treated for a use in damp environment.



Optional accessories:
Black wall mounting bracket: ref R1354
White wall mounting bracket: ref R1353



Technical specifications

Nominal power (4Ω / 100V)	100W/4Ω or 60W, 30W, 15W/100V
Sensitivity at 1W/30W (at 1kHz, 1wm)	91dB/109dB
Bandwidth (± 3dB)	67Hz - 20kHz
Horizontal opening angle (at 1kHz/4kHz, -6dB)	190°/80°
Vertical opening angle (at 1kHz/4kHz, -6dB)	65°/40°
Nominal voltage	100 Volts
Nominal impedance	4Ω/450Ω (15W) / 240Ω (30W) / 120Ω (60W)
Passive crossover cut-off frequency	3.5kHz
Drivers	5 ¹ / ₈ " (130mm) Polyflex® cone woofer 0 ³ / ₄ " (19mm) aluminum inverted dome tweeter
Dimensions (L x H x D)	19 ⁷ / ₈ " x 5 ⁹ / ₁₆ " x 4 ¹ / ₄ " (505mm x 142mm x 108mm)
Weight	9.9 lb (4.5kg)
Color	Pearl White (ref: SibXL-T PW) Jet Black (ref: SibXL-T JB)



The invisible great Focal sound.

The Focal Professional Commercial Integration range is the answer to two fundamental constraints:

- offering very high quality sound audio solutions
- promoting product integration to preserve architectural harmony.

Applications :

The Focal SibXL-T loudspeaker can be installed in numerous applications such as: conference rooms, shopping malls, lecture halls, restaurants, corridors, shops, swimming-pools, hotels, boats, museums, meeting rooms, ...

Packaging

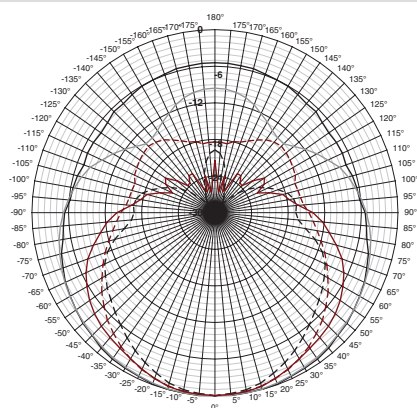
- 1 speaker
- 1 Polyfix wall fixing kit
- 1 set of screws for the fixing accessory

Environmental characteristics

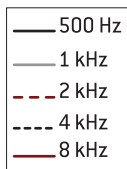
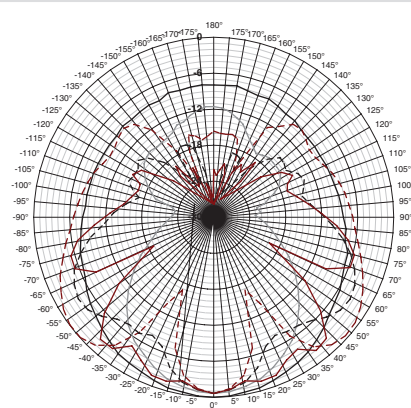
- Ambient temperature: -25 °C to + 55 °C
- Watertightness: damp environment

Electrical diagram

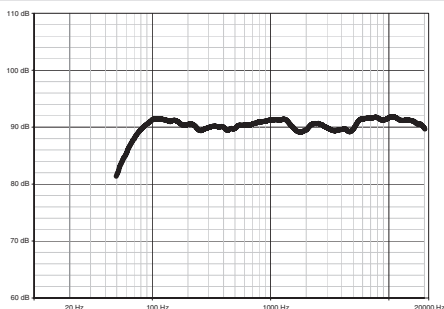
Horizontal directivity



Vertical directivity



Frequency response



SibXL-T speaker level calculation table

Power/Distance	1 meter	2 meters	5 meters	Summary	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz
1 watt	91dB	85dB	77dB	NPA (1W/1m)(dB)	91	90	90	91	90	90	92
15 watts	103dB	97dB	89dB	NPA (60W/1m)(dB)	109	108	108	109	108	108	110
30 watts	106dB	100dB	92dB	Horizontal opening at -6 dB	360°	360°	190°	190°	100°	80°	120°
60 watts	109dB	103dB	95dB	Vertical opening at -6 dB	360°	360°	125°	65°	30°	40°	90°

Values of average ambient level examples

110dB	Discotheque
90dB	Pub, stadium during a goal
80dB	Multipurpose room, station, stadium terraces
70dB	Supermarket, shop, swimming-pool, ice-rink
60dB	Conference room, office, museum, place of worship
50dB	Classroom
25dB	Quiet room