SB15m - SUBWOOFER

15' Subwoofer
Flown or stacked deployment
Omni or cardioid configurations

SB15m

Short description

Ultra-compact subwoofer featuring a single 15 in speaker with high excursion drivers and optimized laminar vents to maximize LF efficiency - deployed in omnidirectional or cardioid patterns in stacked or flown configurations.

Description

Ultra-compact passive subwoofer with a high excursion, direct radiating 15 in transducer mounted in a bass-reflex tuned enclosure with laminar vents for increased LF efficiency. The enclosure cabinet is constructed of premium grade Baltic beech and birch plywood. The transducer front is protected by a coated steel grill and an acoustically transparent fabric. The enclosure integrates two ergonomic handles and a 35mm pole-mount socket. Two coupling bars allow for rigging and combining with other loudspeakers of the same family. Dedicated rigging accessories allow for flown or stacked configurations. Combining two or more elements with associated presets achieve omnidirectional or cardioid direcitvity patterns. Exclusively driven and protected by a proprietary amplified controller through a dedicated preset.

Technical requirements

Coverage:

- Enclosure directivity: standard or cardioid

Transducers:

- LF transducer: 15" cone driver

Acoustics:

- Nominal impedance: 8 Ω
- Usable bandwidth: 40 Hz - 120 Hz (-10 dB), 46 Hz - 102 Hz (-6 dB), 49 Hz - 85 Hz (-3 dB)
- RMS power handling (Calculated using the mean impedance measured on the usable bandwidth): 608 W
- Maximum SPL: 137 dB Peak level at 1 m under half space conditions using pink noise with crest factor 4

Physical data:

- Acoustical load: bass-reflex
- Cabinet: premium grade Baltic birch plywood
- Dimensions (W, H, D): 579 mm, 439 mm, 520 mm / 22.8 in, 17.3 in, 20.5 in
- Weight (net): 36 kg / 79.4 lb
- Connectors: 2 × 4-point speakON
- Finish:
    - dark grey brown Pantone 426 C
    - pure white RAL 9010
    - custom RAL code on special order

Product name: SB15m
Manufacturer: L-Acoustics