

Applications

- Front-, Side-, Drumfill
- Fixed installation
- PA-System for clubs, discotheques, mobile DJs
- bass extension for PA-systems of any kind

Features + Benefits

- High-power compact subwoofer
- Weight reduced neodymium speakers
- 15" or 18" long excursion woofer
- Bass reflex tuning
- Pole mounting plate
- Max. SPL 128dB

Thanks to its neodymium speaker, it is characterized by its extremely compact dimensions and its light weight.

The Flex15B and the Flex18B can be equipped with an optional switchable passive crossover offering sophisticated high-pass and lowpass filtering and therewith enabling the use of compact satellite systems without additional electronics.



Type Flex15B

Enclosure 15 mm birch plywood
with structure paint

Basic layout

Protective Grille subwoofer, bass-reflex tuning
1.5 mm grille,

Components covered with acoustic foam
15" neodymium long excursion woofer

Frequency Response 43 Hz-500 Hz +/-3 dB

Power handling RMS | peak 500 W RMS | 2.000 W Peak

Nominal Impedance 8 Ω

Dispersion pattern omnidirectional

Sensitivity 95 dB

SPLmax 128 dB | peak | 1 m

Connectors NL4: 2+/2-

Dimensions (w x h x d) 450 x 500 x 580 mm

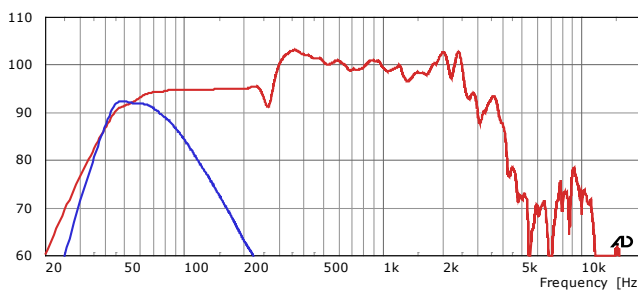
net weight 22 kg

Accessories Wheel-set, transport cover
passive XO

Horizontal coverage pattern

Vertical coverage pattern

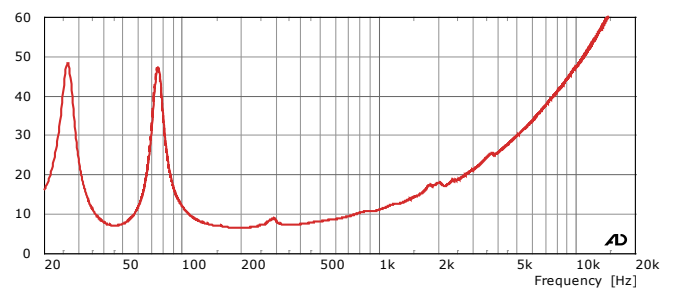
Sensitivity / Processed Sensitivity



Notes on performance data and graphs:

- 2) Frequency response: Range of the processed response -6db
- 3) Power Handling: Is based on the AES power handling of the transducers.
- 4) Nominal Sensitivity: SPL at 1 Watt at nominal impedance, referenced to 1 Meter.

Impedance



- 5) Measurement condition: Full space in the far field of the speaker. Time-windowed
- 6) Maximum SPL: Calculated from nominal sensitivity at stated peak input power.
- 7) Resolution: For better readability a 1/6 octave smoothing is applied.

