

Applications

- Conference-, trainingsrooms
- Sport- and multipurpose hall
- Theatre
- Musicals
- Adventure parks
- Clubs

Features + Benefits

- Passive 15" / 1" loudspeaker system
- Rotatable CD horn
- Bi-functional enclosure design
- U-bracket horizontal & vertical available
- Wide range of accessories
- in black and white available

The new developed horn with a directivity of 75° x 50° with its square opening is rotatable by 90°.

Several bass systems are available for applications where an expanded low-end frequency range is required.

The i.Flex15.1 is suitable for public address applications up to a distance of 20 meters. Because of its linear setup, no system controller is required.



Type i.Flex15.1

Enclosure 15 mm birch plywood
with structure paint

Basic layout 2-way passive system, bass-reflex tuning

Protective Grille 1.5 mm grille,
covered with acoustic foam

Components 15" low-mid speaker
1" compression driver with 1.7" voice coil
rotatable CD-Horn
passive crossover with phase correction

Frequency Response 70 Hz–19.5 kHz

Power handling RMS | peak 400 W RMS | 1.600 W Peak

Nominal Impedance 8 Ω

Dispersion pattern 75° x 50°

Sensitivity 98 dB

SPLmax 130 dB | peak | 1 m

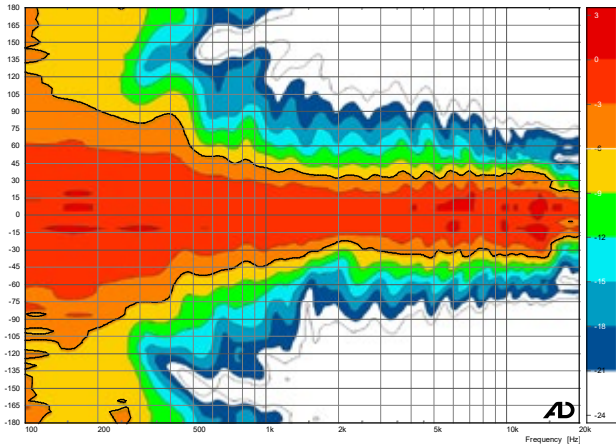
Connectors NL4: 1+/1-

Dimensions (w x h x d) 450 x 700 x 435 mm

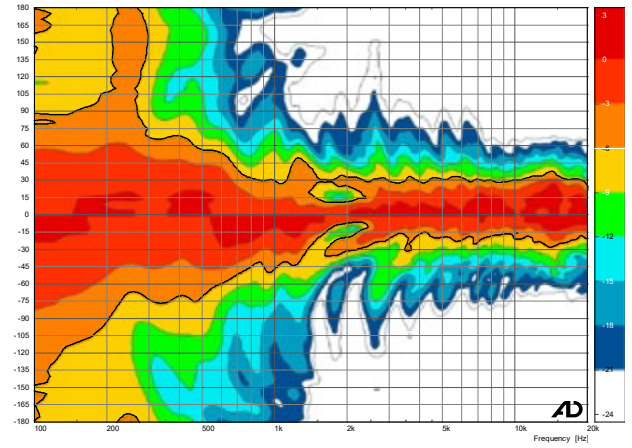
net weight 28 kg

Accessories 100V transformer
special paint RAL colours available
horizontal or vertical u-bracket
miscellaneous special mountings

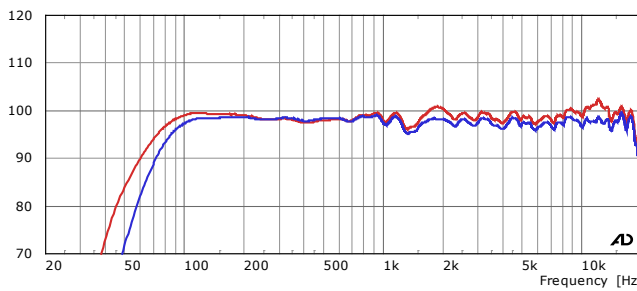
Horizontal coverage pattern



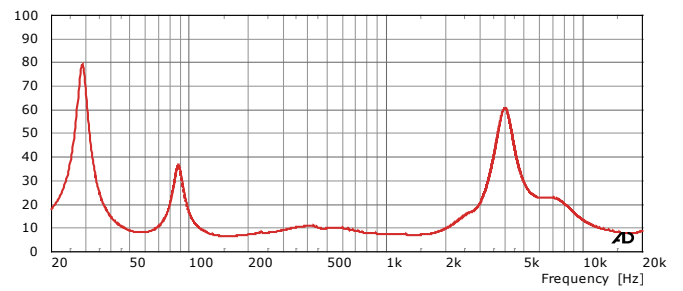
Vertical coverage pattern



Sensitivity / Processed Sensitivity



Impedance



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.

- 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.

