

Applications

- FOH system for audiences of 500-5.000 people
- Sidefill / Outfill for large stages
- Fixed installation
- Scalable up to 16 elements

Features + Benefits

- very compact, elegant and light weight design
- 2x 6.5“ high performance neodymium low mid woofers
- 1.4“ high performance neodymium compression driver
- Polyurea coated enclosure made of baltic birch plywood, equipped with T6 aluminium fittings

The TouringLine Compact incorporates two 6.5“ neodymium low mid speakers and one 1.4“ neodymium high frequency compression driver in a extremely compact, Polyurea coated enclosure.

The two low mid speakers are flanking the high frequency wave guide at both sides and are coupled to the surrounding via short horn flares and phase plugs. In this way it was possible to reduce the spacing of the virtual sources to an absolute minimum, to add some sensitivity and to optimize the crossover frequency.

The high frequency wave guide has been designed by using the latest BEM (boundary element method) techniques and generates a planar wavefront up to 16 kHz. Corresponding with the TouringLineCompact's field of application a module splay of up to 15° is possible. Its ultra compact latest generation 1.4“ neodymium compression driver offers the necessary headroom easily.

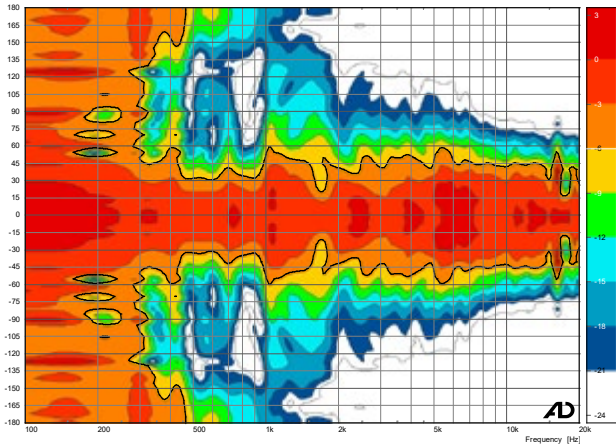
Both ways are combined in correct phase through a complex, passive crossover network. The nominal system impedance of 12 Ohms enables the powering of up to twelve modules at a modern two channel amplifier. Our AD-Systems system amplifiers are offering all necessary signal processing ensuring maximum operational safety and first class sound quality.

As with the TouringLine also the TouringLine Compact uses the proven and excellently to handle „Quick-Rig“ system. The rigging of the less than 14 kilogrammes weighting modules can be done by a single person.

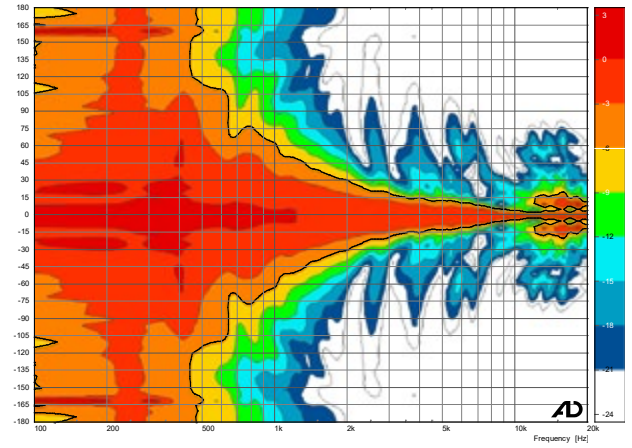


Type	TouringLine Compact
Enclosure	12/15 mm baltic birch plywood w/ Polyurea coating
Basic layout	2-Way passive, bass reflex tuning
Protective Grille	2.0 mm sheet steel, hex-stamped, black acoustic foam on inside
Components	2x6.5“ ND low mid woofer 1.4“ ND compression driver w/ 2.5“ VC on BEM DoubleV waveformer passive crossover w/ phase correction
Frequency Response	90 Hz–17 kHz +/-3 dB,
Power handling RMS peak	75 Hz 400 W RMS 1.600 W Peak
Nominal Impedance	12 Ω
Dispersion pattern	90° x 15°
Sensitivity	95 dB Lo-Mids, 109 dB High
SPLmax	127 dB (peak) @ 1m, 1 element
Connectors	NL4: 1+/1-
Dimensions (w x h x d)	500 x 208 x 355 mm
net weight	14 kg
Accessories	Transport-Dolly, Rigging-Frame, Laser Inclinator

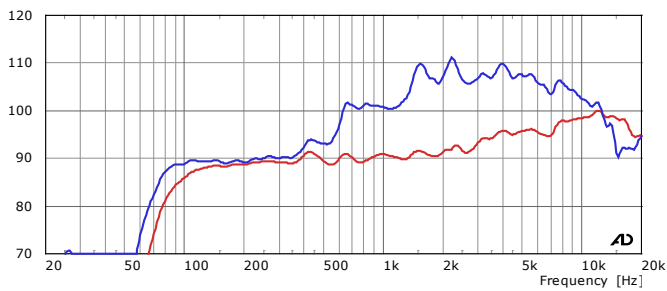
Horizontal coverage pattern



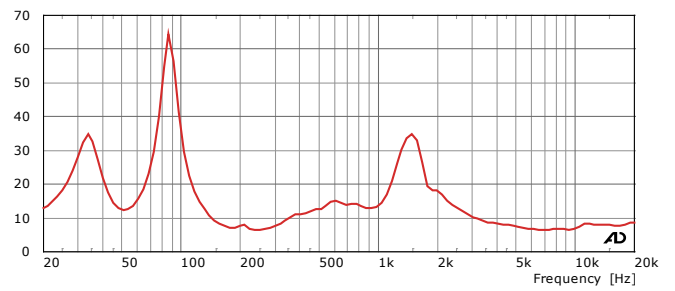
Vertical coverage pattern



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.

