

## Applications

- FOH system for audiences of 1.000-15.000 people
- Sidefill / outfill for large stages
- Fixed installation
- Scalable up to 24 elements

## Features + Benefits

- compact, elegant, highly efficient design
- 12" high performance neodymium low-mid woofer
- 1,4" high performance neodymium compression driver
- Polyurea coated enclosure made of heavy-duty birch-plywood, equipped with T6 aluminium fittings

The TouringLine is a powerful 2-way line source loudspeaker containing an internal passive crossover for economic semi-active operation. It incorporates a direct radiating 12" neodymium low-mid woofer and a neodymium high frequency driver / waveformer combination. The line array waveformer has a nominal coverage pattern of 90° x 10°. The unique 12" low-mid woofer provides that, what is often missing in so called Compact-Arrays: Acoustic bottom. The TouringLine has got thick and warm low-mids and makes very low crossover frequencies possible. For many applications it is possible to use the TouringLine without additional subwoofers.

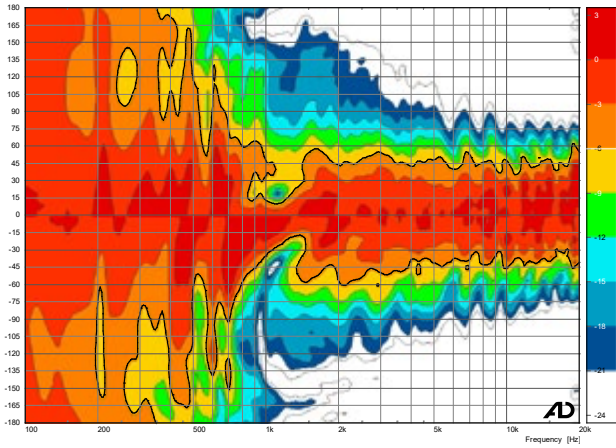
With the proprietary „Quick-Rig“ system putting the array into service is easy and efficient: A 12-element array flies within fifteen minutes - including chain hoist, bumper and splay angle setup! By using T6 aluminium in combination with high load steel it was possible to minimize the weight to 29 kg per element. A 6-element array including rigging frame weights less than 200 kilograms.

The available accessories perfectly round down the touringline system: The TouringLine dolly takes up to 12 elements including rigging frame and small parts. Its dimensions fit into the footprint of the Euro-Pallet trucking grid. The rigging frame is made of high load steel and has got detailed labelling for easy usage. The complete rigging system of the TouringLine is certified for safe rigging of up to 24 modules on one frame according to the strict BGV C1 requirements.

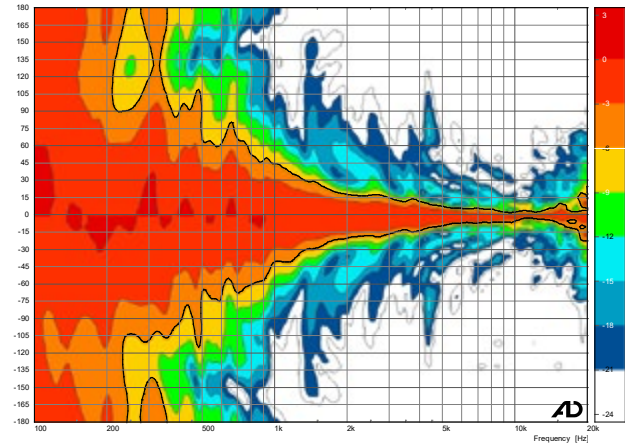


<b>Type</b>	TouringLine
<b>Enclosure</b>	15 mm baltic birch plywood w/ Polyurea coating
<b>Basic layout</b>	2-Way passive, bass reflex tuning
<b>Protective Grille</b>	2.0 mm sheet steel, hex-stamped, black acoustic foam on inside
<b>Components</b>	12" ND low mid woofer w/ 3.5" voice coil 1.4" ND compression driver w/ 3" voice coil on DoubleV waveformer passive crossover w/ phase correction
<b>Frequency Response</b>	60 Hz-18 kHz +/-3 dB,
<b>Power handling RMS   peak</b>	700 W RMS   2.500 W Peak
<b>Nominal Impedance</b>	8 Ω
<b>Dispersion pattern</b>	90° x 10°
<b>Sensitivity</b>	99 dB Lo-Mids, 110 dB High
<b>SPLmax</b>	133 dB (peak) @ 1m, 1 element
<b>Connectors</b>	NL4: 1+/1-
<b>Dimensions (w x h x d)</b>	700 x 329 x 400 mm
<b>net weight</b>	29 kg
<b>Accessories</b>	Transport-Dolly, Rigging-Frame, Laser Inclinator

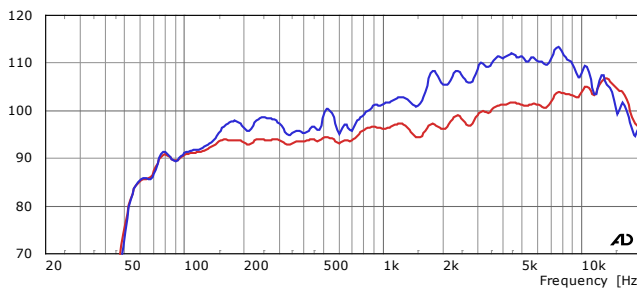
## Horizontal coverage pattern



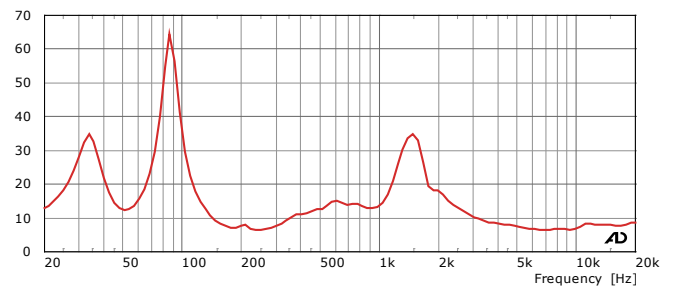
## Vertical coverage pattern



## 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.

