

## Applications

- Touring subwoofer for all applications
- Cardioid and endfire array presets available
- Substructure for the TouringLine in ground stacked mode

## Features + Benefits

- High power handling for best possible dynamics
- 18" long-excursion woofer with neodymium magnet
- trucking grid compatible dimensions, perfectly scalable
- heavily braced birch plywood construction, Polyurea coated

The TouringSubs are very flexible subwoofers incorporating a durable neodymium transducer featuring very low power compression, high sensitivity and high power handling, and thus delivering enormously high sonic output. It is your first choice if you need to move air seriously. The basis for its incredible and enduring performance is a proprietary transducer motor ventilation system.

The bass reflex vent cross-section area corresponds to 75% of the membrane surface area - port compression effects are non-existent. Deeply Tuned both subs are able to extend the frequency response of any PA system down to 35 Hz. Its upper crossover frequency can be as high as 130Hz.

A special feature of the AD-System TouringSubs are its flexible recessed stacking pads offering numerous stacking options: Standing upright or lying, rotated or alternating for cardioid setups, etc. Appropriate DSP presets for cardioid or endfire subwoofer array applications are provided with our system amplifiers naturally



**Type** TouringSub18

**Enclosure** 15 mm heavily braced Baltic birch plywood w/ Polyurea coating

**Basic layout** subwoofer, bass reflex tuned

**Protective Grille** 2.0 mm sheet steel, hex-stamped, black acoustic foam on inside

**Components** 18" long excursion ND woofer w/ vortex ventilated 4" voice coil

**Frequency Response** 35Hz-230Hz +/-3 dB,

**Power handling RMS | peak** 1.000 W RMS | 4.000 W Peak

**Nominal Impedance** 8 Ω

**Dispersion pattern** Omni directional

**Sensitivity** 96 dB

**SPLmax** 132 dB (peak) @ 1m

**Connectors** NL4: 2+/2-

**Dimensions (w x h x d)** 600 x 740 x 600 mm

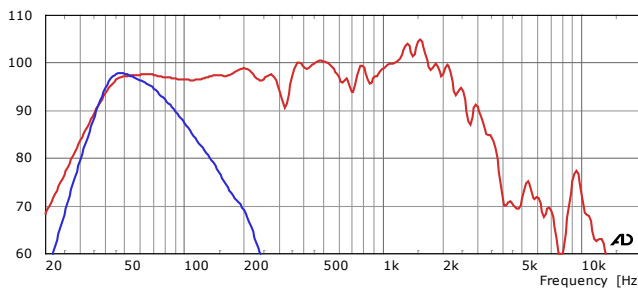
**net weight** 43 kg

**Accessories** swivel castors, transport cover, front board / wheel board

## Horizontal coverage pattern

## Vertical coverage pattern

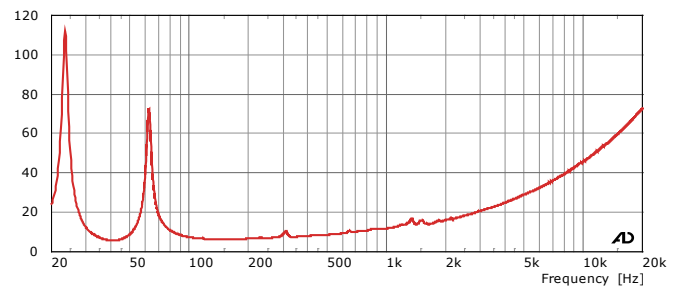
### Sensitivity / Processed Sensitivity



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.

