

Compact

High Quality



- Two way line array system
- Two 8 inch Bass transducers  
1 inch compression driver
- 120° horizontal coverage and 10° vertical coverage
- Designed for high performance touring or fixed installation
- OEM factory presets for approved digital processors

## Features

The Mini 281 is the Very Compact Line array systems. 2-way loudspeaker containing two direct radiating, bass reflex-loaded 8-inch low frequency transducers mounted in a V-shaped configuration and one 1" exit, titanium diaphragm, compression driver that is coupled to a 120° horizontal and 10° vertical coverage waveguide. As a full range system, the frequency response shall be 80 Hz to 18 kHz (4 units) with less than -6 dB variation.

The enclosure shall have a trapezoidal shape. Dimensions shall be 655mm (25.79-inch) wide, 246mm (9.7-inch) high at the front, 382mm (15.1-inch) deep. Enclosure weight shall be 22.5 kg. Cabinet construction shall consist of 18mm plywood with internal reinforcements.

The finish shall be black, high-resilient paint. The front of the enclosure shall be protected by a black epoxy-coated, 1.5 mm thick steel grille that is covered with 5 mm thick acoustically-transparent open cell foam.

Loudspeaker enclosures shall be installed using a dedicated rigging bumper and accessories. The enclosure shall have an integral rigging system that allows arrays to be assembled with variable angles between enclosures up to a maximum of 10 degrees.

## Applications

Trans-Audio Mini 281 are completely compatible with Trans-Audio SW subwoofers and can be stacked directly on any one.

Due to its exceptional sound quality, its power capacity, and its fast and easy rigging, Trans-Audio Mini Line array series are intended for daily use in touring companies, as well as for permanent installation in theatres, congress centres or arenas. Also, the choice of the present digital processor is to optimize frequency range to reach all expectant condition.

## Technical specifications

Frequency range (-6dB)	80Hz~18kHz (4 units array)
Sensitivity ( f>80Hz)	103dB /1W/1M (4 units array)
SPL (AES)	127dB
Peak SPL	130dB
Nominal directivity ( -6dB)	120°horizontal, 10°vertical
Nominal impedance	16 Ohm
Transducers	2 x 8" bass drive 1 X 1"compression driver
Rated Power	200W AES, 400W PEAK
Recommended amps	500 to 1200W into 4 Ohms
Crossover	Air core inductors , MKP capacitors , wirewound resistors
Cabinet	18mm plywood with internal reinforcements
Finish	Black
Protection grill	Acoustically transparent perforated steel, 1.5mm thick
Connectors	2 x Neutrik SPEAKON NL4MP
Handles	2 integrated handles on Side
Dimensions (W x H x D)	655 x 246 x 382 mm
Weight	Net unit weight 22.5kg Gross weight, packed 25.5kg

1. Sensitivity is the average SPL measured over the component's rated bandwidth
2. Power rating displays the long term AES power handling capacity using pink noise with a 6 dB crest factor over the component's rated bandwidth
3. Directivity is averaged over the 500Hz-12 kHz range.
4. The SPEAKON cables are wired, hot pin 1+, cold pin 1-.

### LIMITED WARRANTY

Trans-Audio loudspeakers and electronics are covered against defects in workmanship or materials for a period of one year from the original date of purchase. At the option of Trans-Audio, the defective item will be repaired/replaced with no charge for materials/labor. The item is to be adequately packaged and dispatched, pre-paid, to a Trans-Audio authorized distributor/service center. Unauthorized repair shall void the warranty. This Trans-Audio warranty does not cover cosmetics or finish and does not apply to any items which in Trans-Audio's opinion have failed due to user abuse, accidents, modifications or any type of misuse.