



The intrinsic qualities of the VERA36 speak for themselves with no fewer than six drivers working within the compact confines of the enclosure. The central mid-range horn is driven by two 8" cone speakers while the mid-high frequency unit comprises two 1.4" compression drivers plus a purpose-developed waveguide, coaxially positioned in the center.

The result is a vertical dispersion of 10 degrees with horizontal dispersion across either 80 or 120 degrees as required. Supplementing the low-mid range are two 10" long excursion bass speakers. Below 400Hz, all four cone speakers work in tandem to deliver vast reserves of low-mid punch.

All of that leading to our user's experience that VERA36 can compete with much bigger double 12" systems and more besides.

But for a contemporary loudspeaker system to achieve real success, impressive performance alone just isn't enough. Today, systems must be easy to operate, quick to rig and simple to transport, and in all of these areas VERA36 excels. Setup times are dramatically reduced courtesy of a newly developed, fully integrated, three-point rigging system incorporating an innovative mechanism with logarithmically stepped splay angles, enabling optimal array curving and precise directional targeting.

The combination of TWAUDIO's deep expertise and the precision of the VERA36 hardware equals coverage right to the back rows of even a large venue. No matter whether you fly the system straight from the dolly, rig from the floor or build as a ground-stack, every variation is swiftly and safely achievable. Having the same width as the VERAS33 and equipped with the same rigging, VERAS33 subwoofers can easily and unobtrusively be integrated into VERA36 arrays.

Key Features

- » Symmetric hornloaded line source cabinet with up to 10° vertical splay angle per element
- » Equipped with each two 8" and 10" long excursion cone drivers and two 1.4" throat compression driver with 3" diaphragm
- » Compact and lightweight enclosure design in respect to acoustical output
- » 80° or 120° horizontal dispersion by exchangeable HF-waveguide
- » Innovative rigging hardware for fast and cost efficient setup and dismantle
- » Compatible VERAS33 subwoofer available
- » Coherent phase response with all TWAUDIO subwoofers
- » Operation with dedicated TWAUDIO presets on Lab.gruppen, Powersoft or Dynacord TGX and IPX amplifiers

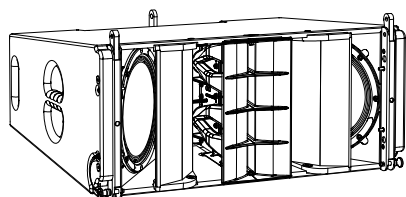
Applications

- » Galas, events and shows
- » Churches, houses of worship, religious places
- » Theatres and cultural places
- » Bars and restaurants
- » Arenas and sports venues
- » Concerts and touring

VERA36

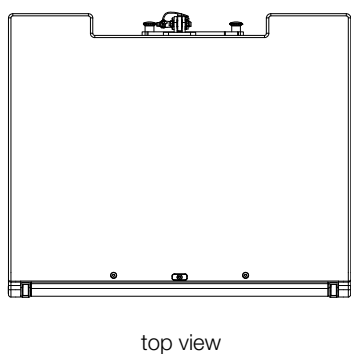
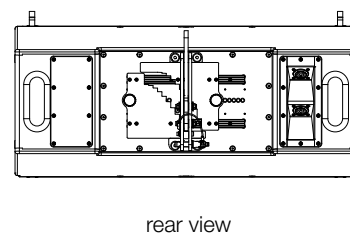
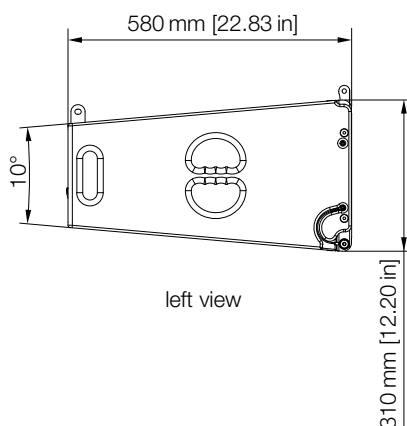
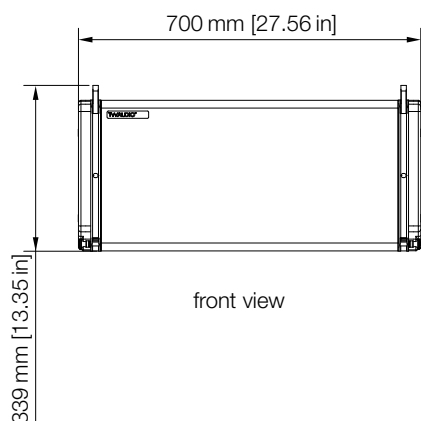
DATASHEET

Technical Data



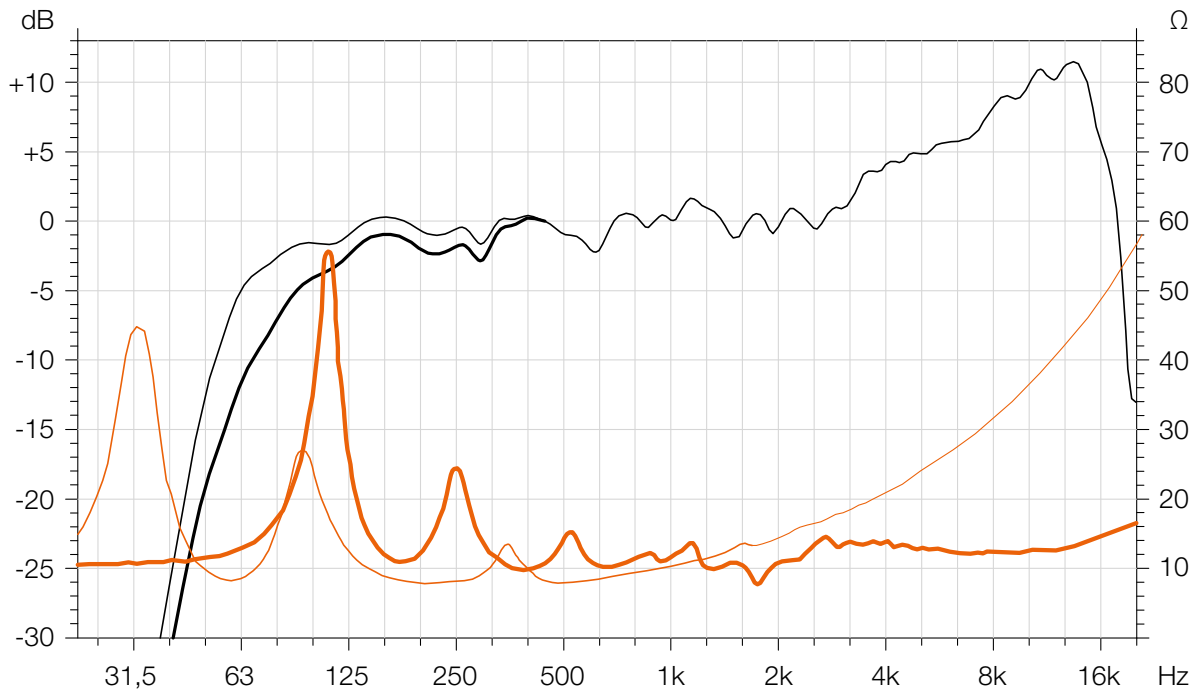
Drivers	2x 10" LF / 2x 8" MF / 1x 1,4" HF with 3" diaphragm
Frequency range	60 - 16000Hz
Power capacity program/peak	1000/2000W 800/1600W MF
Impedance	8Ω LF 8Ω MF
Coverage (h x v)	80° x 10° or 120° x 10°
Sensitivity 1W/1m	98dB LF 110dB MHF
SPLmax / 1m	141 dB
Connection	SpeakON® NL4 1± MHF NL4 2± LF
Dimensions (H x W x D)	310 x 700 x 580 mm 12.20 x 27.56 x 22.83 in
Weight	41.6 kg 91.7 lbs
Finish	Polyurea-coated (RAL colors optional: Warnex textured paint)
Accessories	see twaudio.com

Technical Drawing



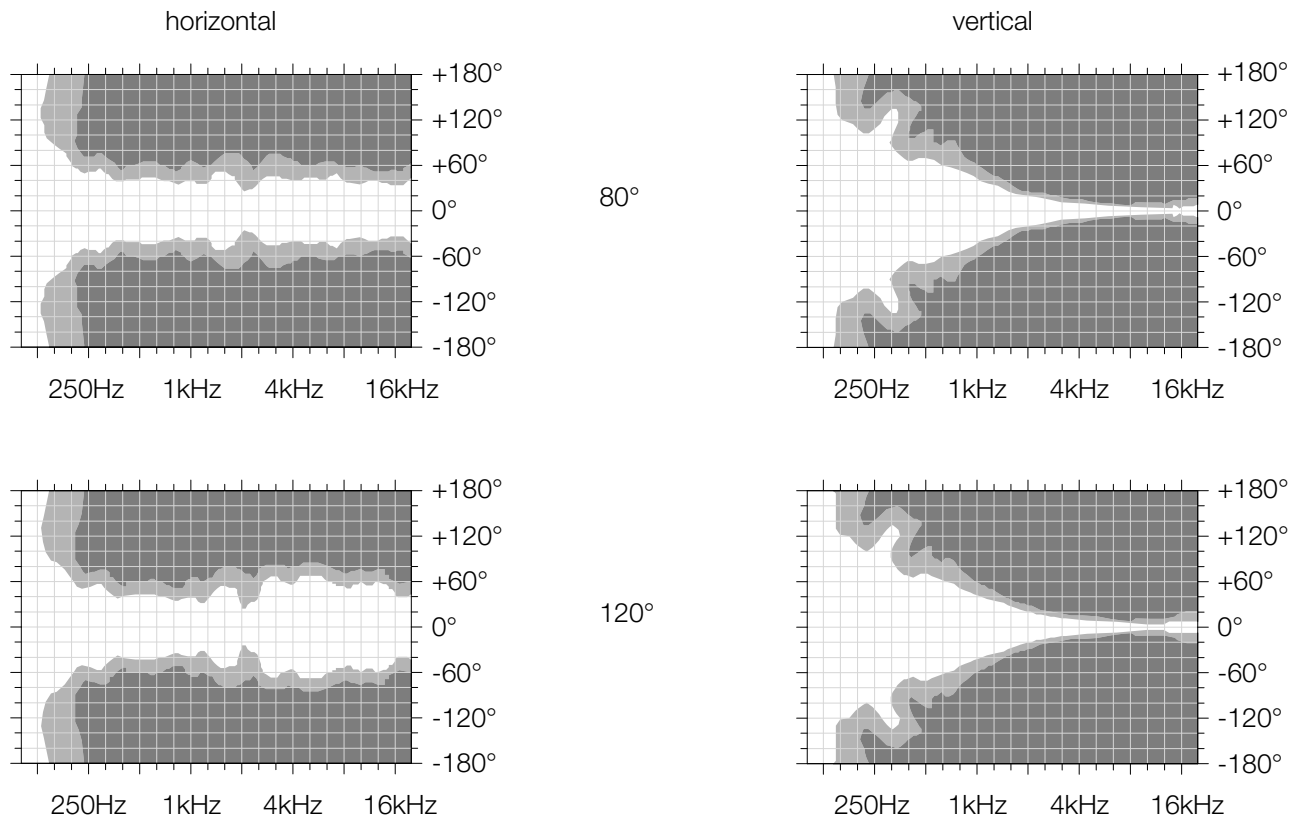
Frequency Response

FULL mode / **FLAT mode** | IMPEDANCE LF or full range / **MF or HF**



Radiation Pattern

-6 dB | -12 dB



Architect Specifications

The loudspeaker shall consist of a symmetrically constructed line source enclosure with up to 10° vertical splay angle per element driven and protected by a dedicated powered amplified controller. The loudspeaker shall have a compact and lightweight enclosure design in respect to acoustical output. The loudspeaker shall have an innovative rigging hardware for fast and cost efficient setup and dismantle. The loudspeaker shall be compatible to VERA S33 subwoofer.

The enclosure shall feature two 10" long excursion neodymium LF cone drivers and two 8" long excursion neodymium MF cone drivers. The loudspeaker shall have an exchangeable high frequency unit with waveformer, horn 80° x 10° or 120° x 10° horizontal dispersion and two 1,4" compression drivers with 3" diaphragm.

The usable system bandwidth shall be 60Hz to 16000Hz.

Maximum peak SPL shall be 141dB. The long-term handling capacity shall be 800W program and 1600W peak MHF and 1000W program and 2000W peak LF. The nominal impedance of the loudspeaker shall be 8Ω HF and LF.

The enclosure cabinet construction shall consist of first grade birch plywood. The front of the enclosure shall be protected by a perforated, powder-coated steel with flame retardant, hydrophobic and acoustically transparent black 3D mesh fabric. The dimensions shall be 700mm (27.56in) in width, 310mm (12.2in) in height and 580mm (22.83in) in depth and the enclosure weight shall be 41.6kg (91.7lbs).

The enclosure shall feature an innovative three-point rigging for mounting accessories. The enclosure shall feature four integrated handles. The enclosure shall be connected via two parallel 4-pole speakON® sockets.

The loudspeaker shall be the TWAUDIO VERA36.

References

The response curves of the system are available upon request – support@twaudio.com

Manufacturer:
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