



The VERA S32i is a compact, flyable subwoofer belonging to the VERA20i series. It is equipped with an 18" driver in the front and a 14" driver rearwards.

Both long throw high-performance drivers are optimally aligned. Various operating modes and the resulting coverage variations allow for extremely flexible solutions. Depending on the selected preset, it can be used in Cardioid, Endfire or Omni mode. Cardioid mode is optimized for maximum attenuation of the rearward sound dispersion, achieving attenuation greater than 15 dB over the entire frequency range. The end-fire mode is optimized for maximum sound pressure at the front while also providing partial rearward sound dispersion.

The advantages are obvious: Thanks to directivity control, subwoofer performance is more solid and musical, especially in environments with significant natural reverb. Performers on stage and those behind the stage are spared from excessive bass levels.

The compact and appealing design of the enclosure allows a subtle presentation of the VERA S32i. Especially when sightlines have to be considered or an array needs to be fitted unobtrusively within the architectural surrounding. The fully integrated, nearly invisible installation four-point rigging hardware support the discreet optical aspect.

A special feature is the logarithmic scaling of the intermediate angles between angles. It enables angles smaller than one degree to achieve a more accurate directivity of the upper array elements over a longer distance. In addition costs for expensive pins and additional frames between subwoofer and tops do not apply.

Key Features

- » Two aligned chassis, (18" front / 14" rear) for cardioid and endfire mode from one enclosure
- » Higher than 15 dB attenuation of the rearward sound dispersion
- » 134 dB SPLmax, 2400 W (front)/ 1400 W (rear) program power capacity
- » Integrated rigging system for VERA20i arrays
- » Equipped with i-series screw terminal; speakON® and cable gland optional
- » Coherent phase response with all TWAUDIO loudspeakers
- » Operation with dedicated TWAUDIO presets on Lab.gruppen, Powersoft or Dynacord TGX and IPX amplifiers

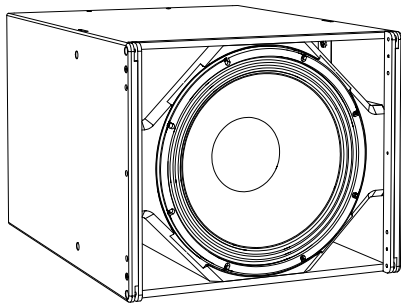
Applications

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

VERA S32i

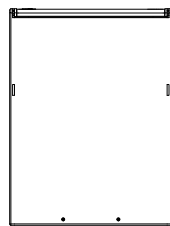
DATASHEET

Technical Data

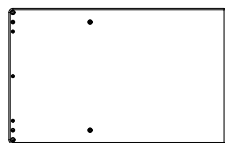


Drivers	1x 18" LF front 1x 14" LF rear
Frequency range	38 - 120Hz
Power capacity program/peak	2400 / 4800W 18" 1400 / 2800W 14"
Impedance	8Ω 18" / 8Ω 14"
Coverage (h x v)	cardioid / hypercardioid
Sensitivity 1W/1m	99 dB
SPLmax / 1m	134 dB
Connection	screw terminal 2± 18" front 1± 14" rear
Dimensions (H x W x D)	500 x 600 x 800 mm 19.69 x 23.62 x 31.50 in
Weight	55,6 kg 122.6 lbs
Finish	Warnex textured paint (RAL colors optional)
Accessories	see twaudio.com

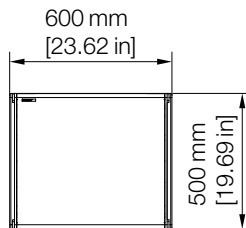
Technical Drawing



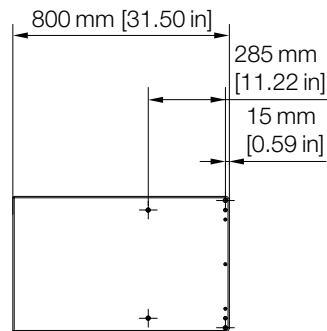
bottom view



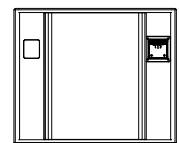
right view



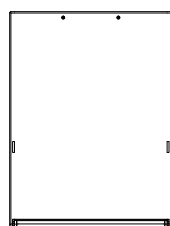
front view



left view



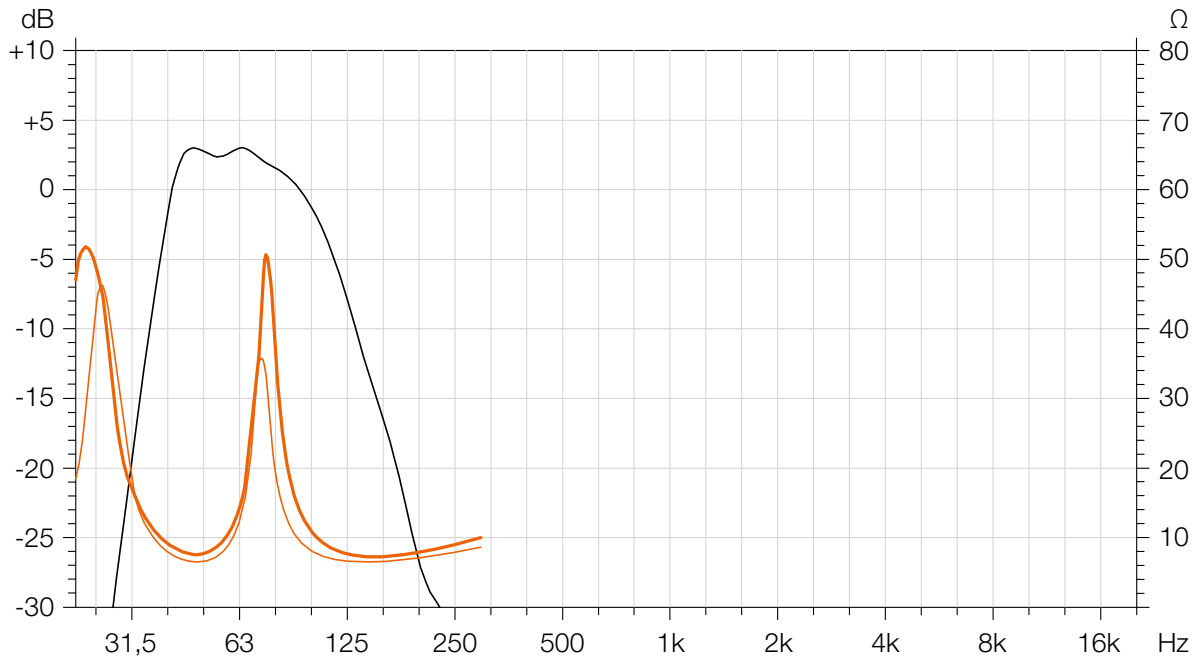
rear view



top view

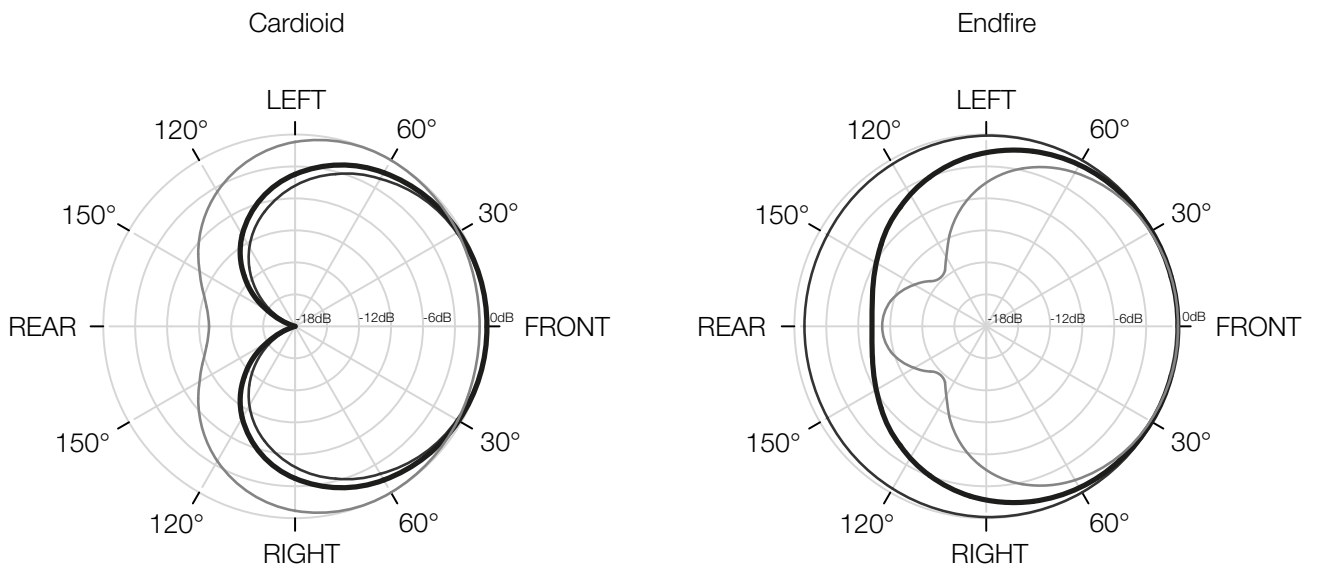
Frequency Response

FULL mode | IMPEDANCE front / rear



Polar Pattern

40Hz | 63Hz | 100Hz



Architect Specifications

The loudspeaker shall consist of a two separated bass-reflex chamber enclosure driven and protected by a dedicated powered amplified controller. The loudspeaker shall be a biamped dual-channel subwoofer with directional radiation patterns depending on preset used. The loudspeaker shall have a higher than 15dB attenuation of the rearward sound dispersion. The loudspeaker shall have a integrated rigging system for VERA20 arrays. The enclosure shall be equipped with i-series screw terminal as standard; speakON® sockets and cable gland optional.

The enclosure shall feature one 18" long excursion neodymium LF transducer at the front and one 14" long excursion neodymium LF transducer at the rear for cardioid and endfire mode from one enclosure.

The usable system bandwidth shall be 38Hz to 120Hz.

Maximum peak SPL shall be 134dB. The long-term handling capacity shall be 2400W program and 4800W peak at the front and 1400W program and 2800W peak at the rear. The nominal impedance of the loudspeaker shall be 8Ω at the front and 8Ω at the rear.

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 and hydrophobic, black fabric to the rear. The dimensions shall be 600mm (23.62in) in width, 500mm (19.69in) in height and 800mm (31.50in) in depth and the enclosure weight shall be 55.6kg (122.6lbs).

The enclosure shall feature a integrated four-point-rigging for mounting accessories. The four-point-rigging shall feature two splay links at the front and two brackets in the middle of the side for connection with lock washers and screws. The enclosure shall be connected via screw terminal as standard.

The loudspeaker shall be the TWAUDIO VERA S32i.

References

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

Manufacturer:
TWAMBO GmbH
Karl-Hofer-Str. 42
14163 Berlin, Germany

TWAUDIO®

TWAMBO GmbH
Karl-Hofer-Str. 42
14163 Berlin
Germany

Phone: +49 7141 488989-0
Fax: +49 7141 488989-99
Mail: info@twaudio.com

