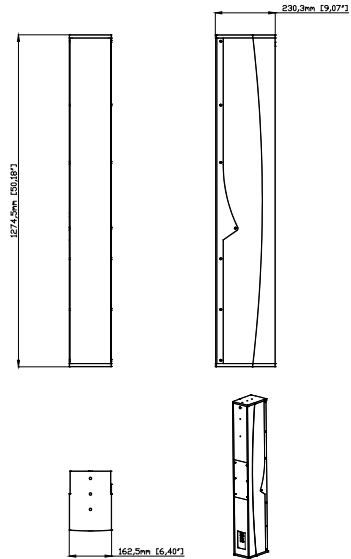
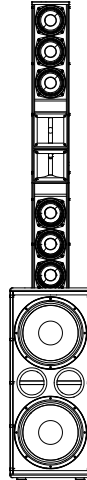


## TANIT: Passive Arcuate Line Source System



### MAIN APPLICATIONS

- Concert & Live Events
- Place of worship
- Convention centres
- Auditorium & Concert Halls
- Theaters
- Large congregations

### MAIN FEATURES

- Visually Discreet
- Lightweight
- Plug & Play package
- Mounting accessories

### DESCRIPTION

The **TANIT** Loudspeaker is a hi-Performance 2-way passive *arcuate line source column* enclosure designed for professional sound reinforcement.

TANIT is equipped with six 5" MF cone drivers mounted in a vented enclosure, three above and three below the HF section and two 1" (1.5" voice coil) HF drivers attached to a waveguide and coupled to an exponential horn. The AES power capacity is 1040W at the nominal 6Ω impedance. The usable system bandwidth is 85Hz to 18kHz. The precise polar pattern of 120°H x 30°V (+5°/-25°) is achieved through the progressive acoustics coupling slightly arcuate ensuring a precise audience coverage, improved sound quality and outstanding speech intelligibility are assured.

The TANIT loudspeaker have got a maximum SPL 134dB (peak level measured at 1m under free field conditions using pink noise with crest factor 6).

TANIT and TANIT SUB system is particularly suitable for individual applications up to a distance of 25 metres.

Cabinet constructed of first grade birch plywood. A steel grill protect the front of enclosure and backed by an acoustically neutral fabric is fixed on the back. Finish in polyurea coating and custom RAL code on special order.

The enclosure feature different integrated rigging inserts and safety insert. Accesories for flying, wall-mounting, pole mounting and stacking the enclosure are available.It is equipped with two 4-point speakON® connector at the rear.

The enclosure can be mounted on companion subwoofer for reinforced extended the low frequency bandwidth. Power is routed through the subwoofer to the AutoConnect panel on the bottom of enclosure.

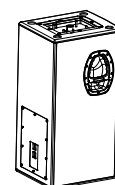
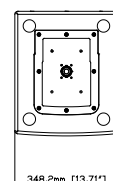
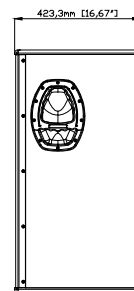
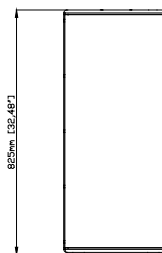
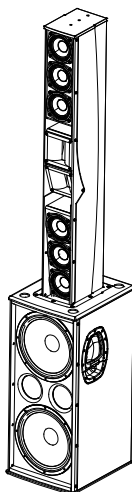
The TANIT loudspeaker includes a passive crossover network and is designed to work with a dedicated preset configuration. It should be used only with a Tecnare Processor/TSeries Amplifier.

Frequency Response	75 Hz - 20 kHz*
Frequency Response: Free Field	85 Hz - 18 kHz ±3 dB
SPL (1m)	128 dB SPL
Maximum Peak SPL	134 dB SPL
Transducers: Low/High Frequency	6 x 5" custom made neodimium cone drivers and 2 x 1" neodimium compression drivers
Sensitivity (1W/1m)	98dB
Dispersions (HxV)	Asymmetric 120° x 30° (+5/-25)
Recommended amplifier	PA3000/PA5000/T20-44/T10-44/T10-48
Power (AES)**	1040 W
Power (Cont.)	2080 W
Rate Impedance	6 Ω
Input Connectors	AutoConnect on the bottom, 2xNL4 on the back
NET Weight	23 kg (50.7 lbs)
Dimensions	1274,5 x 165,5 x 230,3 mm (50.18" x 6.40" x 9.07") (HxWxD)

**Construction** 10mm first grade birch plywood. Finished in black semi-matt textured Polyurea coating  
**Protective Grille** Powder coated custom perforated steel with acoustically transparent reticulated fabric.

\*Recommended maximum operating frequency range. Response depends on loading conditions and room acoustics.  
 \*\*Based on a 2 hours test applying 6dB crest factor pink noise signal within the range Fs-10Fs (AES2-1984).

## TANIT SUB: Passive/Active High-Power Subwoofer



TANIT Series

The **TANIT SUB** is a passive/active high-power vented subwoofer housed with two 12" drivers in a compact enclosure designed to work altogether with **TANIT Line Source Column**.

The subwoofer is connected via 4-points speakON® connector. The Powering mode can be switched for passive operation using the internal passive crossover network or active through a dedicate preset. Selfpowered version is also available.

Tanit Sub feature Autoconnect panel on top for stacking and connecting the companion TANIT Line Source Column enclosure.

The AES power capacity is 1800W at the nominal 8Ω impedance. The low frequency limit is 35 Hz.

The TANIT SUB loudspeaker have got a maximum SPL 137dB (peak level at 1m under half-space conditions using pink noise with crest factor 6).

Cabinet constructed is made out of first grade birch plywood. A steel grill protect the front of enclosure and backed by an acoustically neutral fabric is fixed on the back. Finish in polyurea coating and custom RAL code on special order. Each side panel incorporates a rigid metal handle.

The TANIT SUB is designed to work with a dedicated preset configuration. It should be used only with a Tecna Processor/TSeries Amplifier.

Frequency Response	35 Hz - 195 Hz*
Frequency Response: Free Field	45 Hz - 120 Hz ±3 dB
SPL (1m)	131 dB SPL
Maximum Peak SPL	137 dB SPL
Transducers: Low/High Frequency	2 x 12" neodium cone drivers
Sensitivity (1W/1m)	96dB @half-space
Dispersions (HxV)	360
Recommended amplifier	PA3000/PA5000/T20-44/T10-44
Power (AES)**	1800 W
Power (Cont.)	3600 W
Rate Impedance	8 Ω
Input Connectors	AutoConnect on the top, 2xNL4 on the back
NET Weight	31,5 kg (69,44 lbs)
Dimensions	825 x 348 x 423,3 mm (32.48" x 13.71" x 16.67") (HxWxD)

**Construction** Extrude and solid aluminum construction. Black or white texture powder-coated  
**Protective Grille** Powder coated custom perforated steel with acoustically transparent reticulated fabric

\*Recommended maximum operating frequency range. Response depends on loading conditions and room acoustics.  
 \*\*Based on a 2 hours test applying 6dB crest factor pink noise signal within the range Fs-10Fs (AES2-1984).



Is a <sup>TM</sup> Designed and  
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