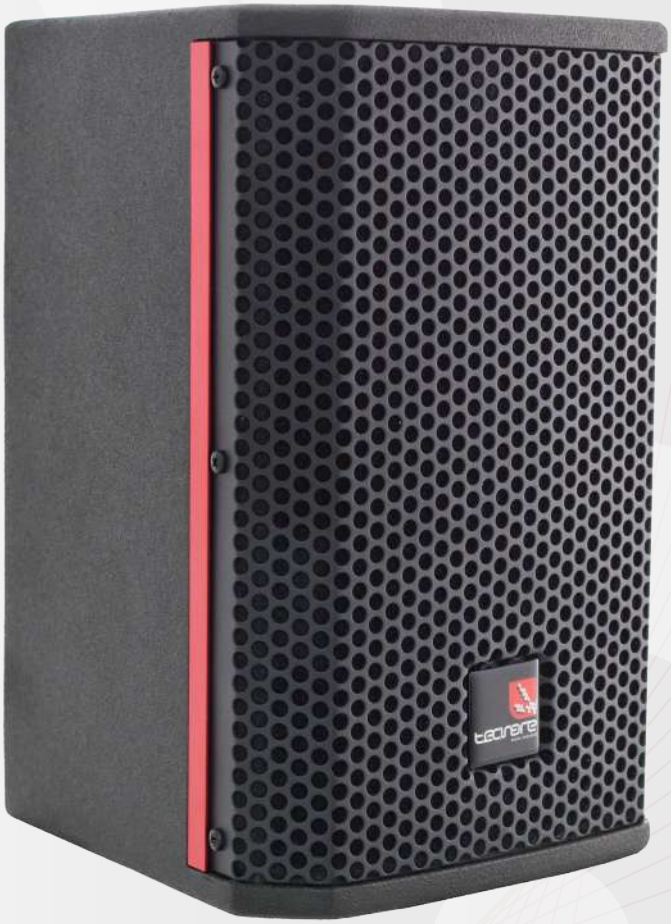
tecnare

sound systems

E Series

E6

E6 is a compact 2-way full-range loudspeaker system comprised of one 6-inch low frequency driver and one 1-inch (25 mm) exit voice-coil compression driver. Its exceptional dispersion provides 135° by 125° coverage in vertical cabinet orientation. Highslope passive crossovers minimize band overlap and well-controlled off-axis response. The cabinet is fitted with M8 threaded suspension points and Speakon® NL4 connectors. The enclosure has been made with the latest techniques ensuring a perfect and rigid construction.



- Features:

  * Compact, vented two-way system
  * 1 x 6½-inch-LF/ 1 x dome tweeter
  * High-output, low profile

- Applications:

  * Performing spaces
  * Gyms, museums and AV spaces
  * Multimedia spaces
  * Retail outlets
  * Educational Facilities

-Frequency Response:	70 Hz – 18 kHz ± 3dB, measured on axys
-Components:	1 x 6,5-inch LF driver and 1 x 1-inch Tweeter
-Nominal Dispersions:	135ºH x 125ºV @ 6dB point
-Impedance:	16 Ohm
-Axial Sensitivity:	88dB (1w/1m)
-Calculated SPL:	107 dB continuous / 113 peak
-Power Handling:	80 W AES / 160 W continuos
-Dimensions (HxWxD) (millimeters/inches):	313 x 205 x 212 (mm) / 12.32"x 8.07" x 8.34"
-Net Weight (kg/Pounds):	5,5 kg. / 12.12 lbs.
-Construction:	16mm birch plywood. Finished in black paint
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

E8

E8 is a compact 2-way full-range loudspeaker system comprised of one 8-inch low frequency driver and one 25mm soft cone paper tweeter. Its exceptional axi-symmetric dispersion provides 130° coverage. The internal passive crossovers custom network minimize band overlap and well-controlled off-axis response. The cabinet is fitted with M8 threaded suspension points and Speakon® NL4 connectors. The enclosure has been made with the latest techniques ensuring a perfect and rigid construction.

- Features:

  * Compact, vented two-way system 1 x 8-inch-LF/ 1 x cone paper tweeter
  * Multiple Attachment Points for maximun flexibility

- Applications:

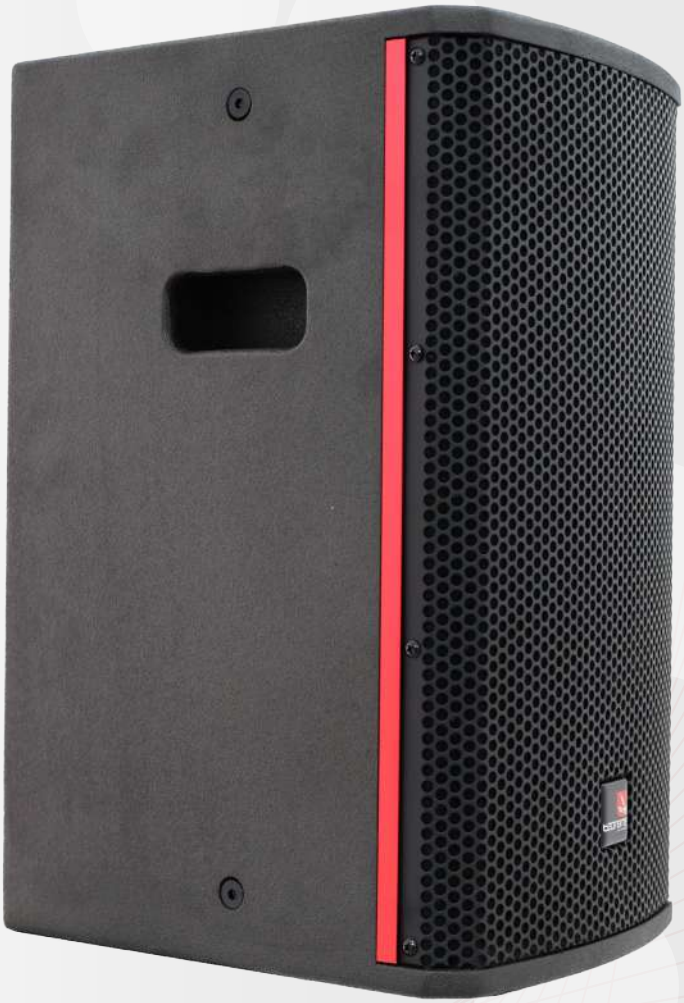
  * Performing spaces
  * Gyms, museums and AV spaces
  * Multimedia spaces
  * Retail outlets
  * Educational Facilities

-Frequency Response:	80 Hz – 18 kHz ±3dB, measured on axys
-Components:	1×8" LF driver, 1 paper cone tweeter HF
-Nominal Dispersions:	130°H x 130°V@-6dB points
-Impedance:	8 Ohm
-Axial Sensitivity:	90dB (1w/1m)
-Calculated SPL:	110 dB continuous / 116 peak
-Power Handling:	120 W AES / 240W continuos
-Dimensions (HxWxD) (millimeters/inches):	381 x 249 x 269 mm / 15" x 9.80" x 10.59"
-Net Weight (kg/Pounds):	7,1 kg / 15.65 lbs.
-Construction:	16mm birch plywood. Finished in black paint
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

tecnare sound systems

E10

E10 is a compact 2-way full-range loudspeaker system comprised of one 10-inch low frequency driver and one 1-inch exit/35 mm, 1.75 in (44mm) voice-coil compression driver. Its CD Horn provides 120° by 100° coverage in vertical cabinet orientation. The internal passive crossovers custom network minimize band overlap and well-controlled offaxis response. The cabinet is fitted with M8 threaded suspension points and Speakon® NL4 connectors. The enclosure has been made with the latest techniques ensuring a perfect and rigid construction.



- Features:

  * Compact, vented two-way system 1 x 10-inch-LF/ 1 x 1-inch HF compression driver
  * Integrate suspension points and pole mount cup
  * Internal passive crossover network

- Applications:

  * Performing spaces
  * Gyms, museums and AV spaces
  * Multimedia spaces
  * Retail outlets
  * Educational Facilities

-Frequency Response:	50 Hz – 20 kHz ±3dB, measured on axys
-Components:	1×10" LF driver, 1×1" HF driver on a CD horn
-Nominal Dispersions:	120°H x 100°V@-6dB points
-Impedance:	8 Ohm
-Axial Sensitivity:	91dB (1w/1m)
-Calculated SPL:	114 dB continuous / 120 peak
-Power Handling:	240 W AES / 480 W continuos
-Dimensions (HxWxD) (millimeters/inches):	550x298x342 mm / 21.65" x 11.73" x 13.46"
-Net Weight (kg/Pounds):	13,6 Kg / 29.98 lbs
-Construction:	16mm birch plywood. Finished in black paint. Two recessed carrying handle.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

tecnare sound systems

E12

E12 is a compact 2-way full-range loudspeaker system comprised of one 12-inch low frequency driver and one 1-inch exit/25 mm, 1.5 in /38mm voice-coil compression driver. The CD horn provides 120° by 80° coverage in vertical. The internal passive crossovers custom network minimize band overlap and well-controlled offaxis response. The cabinet is fitted with M10 threaded suspension points and Speakon® NL4 connectors. The enclosure has been made with the latest techniques ensuring a perfect and rigid construction.

- Features:

  * Full Range Compact two-way system
  * 1 x 12-inch-LF/ 1 x 1-inch exit (1.5-inch coil) HF on a CD horn
  * Integrate suspension points and pole mount cup
  * Internal passive crossover/filter network

- Applications:

  * Performing spaces
  * Stand alone system
  * Near-field applications
  * Background music
  * Mobile and fixed installation

-Frequency Response:	50 Hz – 20 kHz ±3dB, measured on axys
-Components:	1×12" LF driver, 1×1" HF driver on a CD horn
-Nominal Dispersions:	120° x 80° HF CD horn @-6dB points
-Impedance:	8 Ohm
-Axial Sensitivity:	93dB (1w/1m)
-Calculated SPL:	116 dB continuos / 122 dB Peak
-Power Handling:	320 W AES / 640 W continuos
-Dimensions (HxWxD) (millimeters/inches):	606 x 357 x 404 mm / 23.85" x 14.05" x 15.90"
-Net Weight (kg/Pounds):	21 kg / 46.29 lbs
-Construction:	16mm birch plywood. Finished in black paint. Two recessed carrying handle.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

tecnare sound systems

E15

E15 is a compact 2-way full-range loudspeaker system comprised of one 15-inch low frequency driver and one 1.4-inch exit /35 mm, 3-in /76 mm voice-coil HF compression driver. The CD horn provides 120° by 80° coverage in vertical. The internal passive crossovers custom network minimize band overlap and well-controlled offaxis response. The cabinet is fitted with M10 threaded suspension points and Speakon® NL4 connectors. The enclosure has been made with the latest techniques ensuring a perfect and rigid construction.

- Features:

  * Two-way full range loudspeaker
  * 1 x 15-inch-LF cone driver/ 1 x 1.4-inch exit, 3-inch voice coil compression driver
  * Integrate suspension points and pole mount cup
  * Long-lasting reliability

- Applications:

  * Performing spaces
  * Stand alone system
  * Near-field applications
  * Background music
  * Mobile and fixed installation

-Frequency Response:	45 Hz – 16 kHz ±3dB, measured on axys
-Components:	1×15" LF driver, 1×1.4" HF driver on a CD horn
-Nominal Dispersions:	120°H x 80°V@-6dB points
-Impedance:	8 Ohm
-Axial Sensitivity:	95dB (1w/1m)
-Calculated SPL:	120 dB continuous /126 dB peak
-Power Handling:	400 W AES / 800 W continuos
-Dimensions (HxWxD) (millimeters/inches):	680x452x512 mm / 26.77" x 17.79" x 20.15"
-Net Weight (kg/Pounds):	32 Kg / 70.54 lbs
-Construction:	16mm birch plywood. Finished in black paint. Two recessed carrying handle.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

tecnare sound systems

ESW110

E Series

The ESW110 is a ultra-compact subwoofer system comprised of one 10-inch low frequency driver in a vented, front-loaded configuration for extended bandwidth. It has been designed for small sound reinforcements, where box size matters.

The rectangular cabinet has been made with the latest techniques ensuring a perfect and rigid construction and is fitted with M10 threaded suspension points for ultimate flexibility.

- Features:

  * Sonic impact precision. High output, compact subwoofer system
  * 1 x 10 -inch-LF Bass Reflex
  * Designed for permanent installation where the physically small size and the impact of a 10-inch driver is desired

- Applications:

  * A/V systems
  * meeting rooms, classrooms, exhibit areas
  * f/x reinforcement, cruise ships
  * Background music

-Frequency Response:	45 Hz – 500 Hz ±3dB, measured on axys
-Components:	1×10" LF driver
-Nominal Dispersions:	360°
-Impedance:	8 Ohm
-Axial Sensitivity:	94dB (1w/1m)
-Calculated SPL:	115 dB continuous /121 dB peak
-Power Handling:	250 W AES / 500 W continuos
-Dimensions (HxWxD) (millimeters/inches):	310x398x350 mm / 12.20" x 15.70" x 13.78"
-Net Weight (kg/Pounds):	9,6 Kg / 21.16 lbs
-Construction:	16mm birch plywood. Finished in black paint.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

tecnare sound systems

IK Series

IK4

The iK4 is a ultra-compact professional loudspeaker designed for precise audio performance in installations where space and discretion are key. Featuring a high-quality 4-inch coaxial driver and a 1.4-inch voice coil HF compression driver, the iK4 delivers a peak SPL of 116 dB with a crest factor of 18 dB, offering remarkable clarity and definition.

- Features

Passive Compact, vented 2-way speaker
1 x 4-inch LF cone driver + 1 x 1.4-inch HF vc compression driver. Closed enclosure
70º Axisymmetric

- Applications

Compact Design with Premium Performance
Wide and Consistent Coverage
Durable and Aesthetic Build
Versatile Installation Options

-Frequency Response:	110 Hz – 20 kHz
-Components:	1 x 4-inch LF cone driver + 1 x 1.4-inch HF vc compression driver. Closed enclosure
-Nominal Dispersions:	70° Axisymmetric
-Impedance:	16 Ohm
-Axial Sensitivity:	86 dB (1w/1m)
-Calculated SPL:	110 dB cont. / 116 dB peak
-Power Handling:	100W / 200 W
-Dimensions (HxWxD) (millimeters/inches):	120 x 120 x 134 mm / (4,7" x 4,7" x 5,3")
-Net Weight (kg/Pounds):	1,5 kg. / (3.3 lbs)
-Construction:	12mm birch-plywood. Finished in black semi-matt textured Polyurea weatherized coating
-Grille:	Powder coated perforated steel

tecnare sound systems

IK26

Tecnare's iK26 design extends to the point source technology to a smaller version for size- and weight-critical applications.
Its a concentric driver configuration has all the benefits of a coaxial driver, yet none of the disadvantages.

The K-shaped geometry design, features a symmetrical dual 6,5″ LF drive arrangement, vented enclosure and a 1,75″ diaphragm, 1″ HF driver coupled with a rotatable 80° x 60° constant-Q horn designed for very precise, even coverage. This horn design, in conjunction with the concentric driver configuration, delivers the same pattern regardless of orientation.

- Features

  Compact two-way passive system
  Wide pattern coverage broad area
  Rotatable horn
  Mounting accessories

- Applications

  Multi-purpose AV
  Rental, Theater, Retail Spaces
  Convention centres
  House of worship
  Distibuted, Fill and Bajo Balcony

-Frequency Response:	80 Hz – 18 kHz Free Field: 90 Hz – 18 kHz ±3 dB
-Components:	2 x 6 ½″ cone drivers + 1 x 1″ compression driver. Vented enclosure
-Nominal Dispersions:	80° x 60°
-Impedance:	4 Ohm
-Axial Sensitivity (1w/1m):	88 dB
-Calculated SPL:	111 dB continuous / 117 dB peak
-Power Handling:	450 W (AES) / 900 W continuous
-Dimensions (HxWxD) (millimeters/inches):	466 x 208 x 272 mm/ (18.35″ x 8.19″ x 10.7″) (HxWxD)
-NET Weight:	11,5 kg (25,35 lbs)
-Construction:	16mm birch plywood. Finished in black semi-matt textured Polyurea weatherized coating.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

tecnare sound systems

IK26 LT

The iK26-LT represents the arrayable version of the iK26 point source loudspeaker. Featuring a specialised waveguide offering a dispersion of 100°x10°, it transforms the enclosure into an ultra-compact curvilinear source loudspeaker, thereby leveraging the benefits of line arrays for sound reinforcement purposes in smaller to medium-sized venues. Its distinctive K shaped geometry includes a symmetrical configuration of two 6.5″ low-frequency drivers within a vented enclosure. A 1.5″ voice coil and a 1″ exit high-frequency driver are also included. The HF driver is coupled to a waveguide with an integrated constant-directivity horn, ensuring broad horizontal coverage and consistent performance.

- Features

  Compact two-way passive system
  Wide pattern coverage broad area
  Rotatable horn
  Mounting accessories

- Applications

  Multi-purpose AV
  Rental, Theater, Retail Spaces
  Convention centres
  House of worship
  Distibuted, Fill and Bajo Balcony

-Frequency Response:	80 Hz – 19 kHz Free Field: 88 Hz – 16 kHz ±3 dB
-Components:	2 x 6 ½″ cone drivers + 1 x 1″ compression driver. Vented enclosure
-Nominal Dispersions:	80° x 60°
-Impedance:	4 Ohm
-Axial Sensitivity (1w/1m):	101 dB
-Calculated SPL:	127dB cont./133 dB peak
-Power Handling:	450 W (AES) / 900 W continuous
-Dimensions (HxWxD) (millimeters/inches):	466 x 208 x 272 mm/ (18.35″ x 8.19″ x 10.7″) (HxWxD)
-NET Weight:	11,5 kg (25,35 lbs)
-Construction:	16mm birch plywood. Finished in black semi-matt textured Polyurea weatherized coating.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

tecnare sound systems

IK28

The iK28SUB is a compact, high performance subwoofer designed to deliver deep, powerful low-frequency reinforcement in space-sensitive applications. Featuring dual 8-inch transducers housed in a precision-tuned vented enclosure, it enhances the low-end extension of full-range systems such as the iK Series and IBZA Series, reaching down to 40 Hz with 700W AES power handling.
Despite its ultra-compact footprint, the iKSUB delivers clean, impactful bass thanks to advanced vent tuning that improves efficiency and minimizes turbulence. The cabinet, made from Baltic birch plywood and finished in rugged polyurea, is acoustica lly solid and ready for demanding environments.

- Features

Dual 8″ Vented Design
High Power Handling
Versatile Mounting Options
Rugged and Resistant Construction

- Applications

Compact Installation Systems
Theatres and Houses of Worship
Portable Sound Reinforcement
Distributed Audio Systems

-Frequency Response:	39 Hz – 300Hz
-Components:	2 x 8-inch LF cone driver
-Nominal Dispersions:	360° (Only one box. Varies with number of unit and configuration)
-Impedance:	4 Ohm
-Axial Sensitivity:	97 dB (1w/1m)
-Calculated SPL:	127 dB cont. / 133 dB peak
-Power Handling:	600W / 1200 W
-Dimensions (HxWxD) (millimeters/inches):	206 x 568 x 523 mm / (8.1″ x 22.4″ x 120.6″) (HxWxD)
-Net Weight (kg/Pounds):	18,6 kg. / (41 lbs)
-Construction:	16mm birch-plywood. Finished in black semi-matt textured Polyurea weatherized coating
-Grille:	Powder coated perforated steel

IK15

The Tecnare iK15 is a compact, high-performance 15" subwoofer designed to extend the low-frequency response of iK26 and iK26-LT loudspeaker systems. Its bass-reflex acoustic design delivers tight, controlled low-frequency reproduction in a compact enclosure, making it ideal for applications where space, weight and visual impact are critical. Sharing the same enclosure foot-print as the iK26-LT, the iK15 ensures seamless mechanical integration within arrayed systems. The cabinet incorporates threaded inserts for an optional rigging system, available in both touring and installation versions, allowing the iK15 to be flown as a standalone array or combined directly with iK26-LT enclosures for fully integrated low-frequency extension

- Features

Compact two-way passive system
Wide pattern coverage broad area
Rotatable horn
Mounting accessories

- Applications

Multi-purpose AV
Rental, Theater, Retail Spaces
Convention centres
House of worship
Distibuted, Fill and Bajo Balcony

-Frequency Response:	38 Hz - 100 Hz Free Field: 42 Hz - 100 Hz ±3dB
-Components:	1 x 15-inch Neodymium driver, 4" VC Long excursion.
-Nominal Dispersions:	360º
-Impedance:	8 Ohm
-Axial Sensitivity (1w/1m):	104 dB
-Calculated SPL:	134 dB (preliminar)
-Power Handling:	1000W / 2000 W
-Dimensions (HxWxD) (millimeters/inches):	466 x 557 x 430 mm / (18.3" x 21.9" x 16.9") (LxWxH)
-NET Weight:	25,8 kg. / (59.52 lbs)
-Construction:	16mm birch-plywood. Finished in black semi-matt textured Polyurea weatherized coating. Optional rigging system
-Grille:	Powder coated perforated steel with acoustically transparent reticulated fabric on the back

IBZA Series

IBZA6

The IBZA6 is a small trapezoidal compact full-range loudspeaker of studio quality, designed to be used in a wide variety of audio applications as a small sound reinforcement unit. The enclosure design allows for installation very close to walls and ceilings making it an ideal choice for under balcony, column, or wall mounting.
The IBZA6 is a versatile, two-way passive system designed for applications where high output is required from an ultra-compact enclosure. It features a long-excursion, 6½-inch low frequency driver and a 1.25-inch dome tweeter. The combination exhibits a smooth power response resulting in extremely natural voicing. It has been designed for use as stand-alone full-range speaker or together with a passive subwoofer to create a full-range system

- Features
  Compact, vented two-way system
  1 x 6½-inch-LF/ 1 x dome tweeter

  High-output, low profile

- Applications

  Background music in restaurant, disco, club.
  Gyms, museums and AV spaces
  Near-field applications
  Retail outlets

-Frequency Response:	82 Hz – 20 kHz ± 3dB, measured on axys
-Components:	1 x 6,5-inch LF driver and 1 x 1.25-inch Tweeter
-Nominal Dispersions:	80ºH x 80ºV @ 6dB point
-Impedance:	8 Ohm
-Axial Sensitivity (1w/1m):	93 dB
-Calculated SPL:	116 dB continuous / 122 dB peak
-Power Handling:	200 W AES / 400 W continuos
-Dimensions (HxWxD) (millimeters/inches):	330 x 215 x 207 / 13.07" x 8.46" x 8.11"
-NET Weight:	4,5 kg. / 14.10 lbs
-Construction:	16mm birch plywood. Finished in black semi-matt textured Polyurea weatherized coating.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

IBZA6 PLUS

The IBZA 6 Plus is a very small trapezoidal compact full range loudspeaker of studio quality, designed to be used in a wide variety of audio applications where a small size although very high output SPL is required.

The enclosure design allows for installation very close to walls and ceilings making it an ideal choice for under balcony, column, or wall mounting. The IBZA 6 Plus is a versatile, two-way passive system designed for applications where very high output is required from an ultra-compact enclosure. It features a 6 ½ " low frequency driver and a 1" compression driver attached to a conical horn. The combination exhibits a smooth power response resulting in extremely natural voicing. It can be used with a passive subwoofer

- Features

Passive Ultra-Compact, vented two-way loudspeaker
1 x 6½-inch-LF polyester cone/ 1 x 1-inch compression driver
70º conical directivity

- Applications

Background music in restaurant, disco, club.
Gyms, museums and AV spaces
Near-field applications
Retail outlets

-Frequency Response:	85 Hz – 20 kHz ± 3dB, measured on axys
-Components:	1 x 6,5-inch LF Ferrite driver and 1 x 1-inch Neodym. Ring HF driver
-Nominal Dispersions:	70ºH x 70ºV @ 6dB point
-Impedance:	8 Ohm
-Axial Sensitivity (1w/1m):	93 dB
-Calculated SPL:	116 dB continuous / 122 dB peak
-Power Handling:	160 W AES / 320 W continuos
-Dimensions (HxWxD) (millimeters/inches):	230 x 211,7 x 223 (mm) / 9.05" x 8.31" x 8.78"
-NET Weight:	5,3 kg. / 14.10 lbs
-Construction:	16mm birch plywood. Finished in black semi-matt textured Polyurea weatherized coating.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

IBZA6HZ

The IBZA6HZ is a trapezoidal compact loudspeaker designed to provide high–quality sound and reliable performance for distributed systems. Housed in a wooden enclosure, the IBZA6HZ is especially suitable for installations involving space limitations and which long distance cables should be used. The exclusive special designed loudspeaker, 6½–inch cone transducer medium impedance, loaded in a vented-bass cabinet delivers a maximum peak SPL of 117 dB and it has a wide operation range of 110Hz to 20kHz with very low distortion, providing an extremely coherent coverage through 70° conical field.

- Features

Compact two-way passive system
6 ½" Full range loudspeaker
40 Ω nominal impedance
Mounting accessories

- Applications

Background Music in restaurants, club, airpots
Museums and AV Spaces
Convention centres
Hotels
Distibuted, Fill and Bajo Balcony

-Frequency Response:	110 Hz – 20 kHz ±3 dB
-Components:	1 x 6 ½" cone drivers ferrita magnet, direct radiation. Bass-reflex
-Nominal Dispersions:	70ºH x 70ºV @ 6dB point
-Impedance:	40 Ohm
-Axial Sensitivity (1w/1m):	88 dB
-Calculated SPL:	111 dB continuous / 117 dB peak
-Power Handling:	100 W (AES) / 200 W continuous
-Dimensions (HxWxD) (millimeters/inches):	230 x 211,7 x 223 / 9.05"x 8.31" x 8.78"
-NET Weight:	5,3 kg. / 14.10 lbs
-Construction:	16mm birch plywood. Finished in black semi-matt textured Polyurea weatherized coating.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

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IBZA8

The IBZA8 is a trapezoidal compact full range loudspeaker, which houses a long excursion 8-inch and high frequency soft-cone paper tweeter. It has a highly extended bass performance for such a small volume, with a well-balanced mid and very smooth and natural high section.

This two-way system is designed for professional applications where hi fi quality is required from a compact enclosure. It has been designed for use as stand-alone full-range speaker or together with a passive sub woofer

- Features

  Compact vented two-way loudspeaker
  1 x 8-inch-LF/ 1 x soft-cone paper driver tweeter
  High-output, high-definition sound from on a compact enclosure

- Applications

  Highly intelligible vocal reproduction
  Stand alone system
  Near-field applications
  Background music in restaurant, disco, club.

-Frequency Response:	65 Hz – 18 kHz ±4dB, measured on axys Free Field: 90 Hz – 18 kHz ±3 dB
-Components:	1×8" LF driver, 1 paper cone tweeter HF
-Nominal Dispersions:	110°H x 110°V@-6db points
-Impedance:	8 Ohm
-Axial Sensitivity (1w/1m):	94 dB
-Calculated SPL:	117 dB continuous / 123 peak
-Power Handling:	200 W AES / 400 W continuos
-Dimensions (HxWxD) (millimeters/inches):	405 x 254,5 x 254 mm / 15.94" x 10.02" x 10"
-NET Weight:	8,7 kg / 19.18 lbs
-Construction:	16mm birch plywood. Finished in black semi-matt textured Polyurea weatherized coating.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

IBZA10

The IBZA10 is a trapezoidal compact full range loudspeaker, which houses a long excursion 10-inch low frequency driver and high frequency 1-inch compression driver. It has a highly extended bass performance for such a small volume, with a well-balanced mid and high section.

This two-way system is designed for applications where high output is required from a compact enclosure. It has been designed for use as stand-alone full-range speaker or together with a passive sub woofer (E.G. the SW115). The horn can be rotated through 90° in order to swap the horizontal and vertical dispersion patterns.

- Features

  Compact two-way system
  1 x 10-inch-LF/ 1 x 1-inch HF compression driver
  Integrate suspension points and pole mount cup
  Internal passive crossover network

- Applications

  Portable live sound reinforcement
  Stand alone system
  Fixed Installations
  Main FOH or additional reinforcement

-Frequency Response:	45 Hz – 18 kHz ±4dB, measured on axys
-Components:	1×10" LF driver, 1×1" HF driver on a rotatable exponential horn
-Nominal Dispersions:	70°H x 50°V@-6db points. Rotatable horn allows swap of horizontal and vertical pattern
-Impedance:	8 Ohm
-Axial Sensitivity (1w/1m):	94 dB
-Calculated SPL:	120 dB continuous /126 dB peak
-Power Handling:	400 W AES / 800 W continuos
-Dimensions (HxWxD) (millimeters/inches):	500x302x320 mm / 19.68" x 11.89" x 12.6"
-NET Weight:	15 Kg / 33.6 lbs
-Construction:	16mm birch plywood. Finished in black semi-matt textured Polyurea weatherized coating.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

IBZA12

The IBZA12 is a trapezoidal full range loudspeaker high performance, wide-bandwidth system in a compact and efficient package. Extended frequency response is provided by a bass reflex tuned 12-inch LF driver and a 1-inch exit compression driver mounted on an asymmetrical rotatable (50° -100°) x 60° HF horn.

This two-way system is designed for applications where very high output is required from a compact enclosure. It has been designed for use as standalone full-range speaker or together with a passive sub woofer (E.G. the SW118M or SW115).

- Features

  Full Range Compact two-way system
  1 x 12-inch-LF/ 1 x 1-inch exit (1.75-inch coil) HF on rotatable asymmetrical horns
  Integrate suspension point and screw for an external pole mount cup
  Internal passive crossover/filter network
  Portable use or permanent installation

- Applications

  Highly intelligible vocal reproduction
  Stand alone system
  Near-field applications
  Background music
  Mobile and fixed installation

-Frequency Response:	56 Hz – 18 kHz ±4dB, measured on axys
-Components:	1×12″ LF driver, 1×1″ HF driver on an asymmetric rotatable horn
-Nominal Dispersions:	Asymmetric rotatable (50°-100°) x60° HF horn. @-6db points
-Impedance:	8 Ohm
-Axial Sensitivity (1w/1m):	96 dB
-Calculated SPL:	124 dB continuos / 130 dB Peak
-Power Handling:	600 W AES / 1200 W continuos
-Dimensions (HxWxD) (millimeters/inches):	606 x 366 x 384,5 mm / 23.85″ x 14.40″ x 15.14″
-NET Weight:	19 kg / 41.89 lbs
-Construction:	16mm birch plywood. Finished in black semi-matt textured Polyurea weatherized coating.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

IBZA15

The IBZA15 is a trapezoidal full range loudspeaker high performance, wide-bandwidth system in a compact and efficient package. Extended frequency response is provided by a bass reflex tuned 15-inch LF driver and a 1.4-inch exit compression driver (3-inch voice coil) mounted on a 80° x 50° constant directivity HF horn.

This two-way system is designed for applications where very high output is required from a compact enclosure. It has been designed for use as stand-alone full-range speaker or together with a passive sub woofer (E.G. the SW215).

- Features

Two-way full range loudspeaker
1 x 15-inch-LF cone driver/ 1 x 1.4-inch exit, 3-inch voice coil compression driver
Long-lasting reliability
For portable use or permanent installation

- Applications

Theatrical sound reinforcement
Stand alone system
Fill applications
Background music in disco and club.

-Frequency Response:	48 Hz – 18 kHz ±4dB, measured on axys
-Components:	1×15" LF driver, 1×1.4" HF driver on a CD horn
-Nominal Dispersions:	80°H x 50°V@-6db points
-Impedance:	8 Ohm
-Axial Sensitivity (1w/1m):	101 dB
-Calculated SPL:	129 dB continuous /135 dB peak
-Power Handling:	650 W AES / 1300 W continuos
-Dimensions (HxWxD) (millimeters/inches):	640x450x486 mm / 25.6" x 18.11" x 18.98"
-NET Weight:	34,8 Kg / 76.72 lbs
-Construction:	16mm birch plywood. Finished in black semi-matt textured Polyurea weatherized coating.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

V Series

V10

The V10 is a lightweight, flexible and multipurpose loudspeaker enclosure, designed for use in mobile or fixed sound reinforcement either as a main PA or as a stage monitor. The design includes a powerful 10-inch (3-inch voice coil) cone transducer tuned into a vented box, and a 1-inch exit/1.75-inch HF compression driver coupled to a rotatable coverage pattern 90°x60° CD horn to provide a smooth and clear high frequency reproduction. The system include an internal passive filter/crossover network.

- Features

Two-way full range loudspeaker
1 x 10-inch LF cone / 1 x 1-inch exit, 1.75-inch voice coil compression driver
Rotatable horn for optimized pattern control

- Applications

Highly intelligible vocal reproduction
Stand alone system
Dual use main/monitor two-way system
Corporate events

-Frequency Response:	52 Hz – 20 kHz ±4dB, measured on axys
-Components:	1×10" LF driver, 1×1" HF driver on a rotatable exponential horn
-Nominal Dispersions:	90°H x 60°V@-6db points. Rotatable horn allows swap of horizontal and vertical pattern
-Impedance:	8 Ohm
-Axial Sensitivity (1w/1m):	97dB
-Calculated SPL:	123 dB continuous/ 129 Peak
-Power Handling:	350 W AES. 700 W continuous
-Dimensions (HxWxD) (millimeters/inches):	525x340x290 mm / 20.67" x 13.38" x 11.42"
-NET Weight:	14,4 Kg / 31.75 lbs
-Construction:	16mm birch plywood. Finished in black semi-matt textured Polyurea weatherized coating.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

tecnare sound systems

V12

The V12 is a lightweight , flexible and multipurpose loudspeaker enclosure, designed for use in mobile or fixed sound reinforcement, either as a main PA or as a stage monitor. The design includes a powerful 3-inch voice coil 12-inch LF speaker CAD tuned into a vented box, and a 1.4-inch exit (3-inch voice coil) compression driver coupled to a rotatable asymmetric horn to provide a smooth and clear high frequency reproduction.

- Features

High-Power Multipurpose two-way system
1 x 12-inch-LF/ 1 x 1.4-inch HF compression drive on CD rotatable asimmetrial horn
Integrate suspension points and pole mount cup

- Applications

Highly intelligible vocal reproduction
Stand alone system
User-adaptable for both PA and stage monitoring applications
Background music in restaurant, disco, club.

-Frequency Response:	48 Hz – 17 kHz ±4dB, measured on axys
-Components:	1×12" LF driver, 1×1.4" HF driver on an asymmetrical exponential horn
-Nominal Dispersions:	50 to 100°H x 60°V@-6db points. Rotatable horn allows swap of horizontal and vertical pattern
-Impedance:	8 Ohm
-Axial Sensitivity (1w/1m):	100dB
-Calculated SPL:	127 dB continuous/ 133 Peak
-Power Handling:	520 W AES / 1040 W continuous
-Dimensions (HxWxD) (millimeters/inches):	645x390x392 mm / 25.39" x 15.35" x 15.43"
-NET Weight:	24 Kg / 46.29 lbs
-Construction:	16mm birch plywood. Finished in black semi-matt textured Polyurea weatherized coating.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

tecnare sound systems

V14 CX

The V14CX is a two-way, coaxial loudspeaker housing one 14-inch low frequency transducer in a vented-bass cabinet, and a 3-inch diaphragm, 1.4-inch exit, compression driver attached to an exponential horn flare for impoved acoustical loading and controlled coverage.

V14CX is designed to support the widest possible range of pro-audio applications, with a high output vocal presence and neutral balanced sound, ideal for stage monitor applications.

The 14-inch coaxial speaker offer an unique combination of low-frequency output better than a12-inch, but more balanced midrange performance than a 15-inch. It offer incredible SPL in beam-width, excellent vocal reproduction, and very low frequency reproduction from a small enclosure. Its ultra-low profile and low weight make it the perfet choosing in both touring and permanently installations applications.

- Features
  Very high-SPL, compact two-way system
  1 x14-inch Coaxial "point source" performance
  Integrate suspension points and pole mount cup
  Visually-appealing, low-profile
  Side panel rubber feet for extra protection
  M8 rigging insert

- Applications
  Stage monitor
  Stand alone system
  FOH Applications for mid-scale
  Downfill, FrontFill or SideFill
  Background music in restaurant, disco, club.

-Frequency Response:	55 Hz – 18 kHz ±3dB, measured on axys
-Components:	1×14" LF Coaxial cone driver +1 x 3" voice coil HF driver on exponential horn
-Nominal Dispersions:	40° x 60° – Fix it in wedge monitor configuration
-Impedance:	8 Ohm
-Axial Sensitivity (1w/1m):	101dB
-Calculated SPL:	Bi-amp mode: 125dBSPL – 131dBSPL max / Passive mode: 124dBSPL -130dBSPL max
-Power Handling:	780 W AES / 1560 W continuous
-Dimensions (HxWxD) (millimeters/inches):	356,5×528,7×522 mm / 14.03" x 20.81" x 17.55"
-NET Weight:	18 kg / 39.68 lbs
-Construction:	16mm birch plywood. Finished in black semi-matt textured Polyurea weatherized coating.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

tecnare sound systems

V15

The V15 is a lightweight, flexible and multipurpose loudspeaker enclosure, designed for use in mobile or fixed sound reinforcement, either as a main PA or as a stage monitor. The design includes a powerful 3-inch voice coil 15-inch LF speaker CAD tuned into a vented box, and a 1.4-inch exit (3-inch voice coil) HF compression driver coupled to an asymmetrical rotatable horn to provide a flexible coverage patterns and a smooth and clear high frequency reproduction.

- Features

High-Power Multipurpose two-way system
1 x 15-inch-LF/ 1 x 1.4-inch HF compression drive on CD rotatable asimmetrial horn
Integrate suspension points and pole mount cup

- Applications

Highly intelligible vocal reproduction
Stand alone system
User-adaptable for both PA and stage monitoring applications
Background music in restaurant, disco, club.

-Frequency Response:	42 Hz – 17 kHz ±4dB, measured on axys
-Components:	1×15" LF driver, 1×1.4" HF driver on an asymmetrical exponential horn
-Nominal Dispersions:	155 to 100° x 60°V@-6db points. Rotatable horn allows swap of horizontal and vertical pattern
-Impedance:	8 Ohm
-Axial Sensitivity (1w/1m):	101dB
-Calculated SPL:	130 dB continuous/ 136 Peak
-Power Handling:	720 W AES / 1050 W continuous
-Dimensions (HxWxD) (millimeters/inches):	715 x 445 x 395 (mm) 28.15" x 17.5" x 13.34"
-NET Weight:	28,3kg. (62.40lbs.)
-Construction:	16mm birch plywood. Finished in black semi-matt textured Polyurea weatherized coating.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

tecnare sound systems

KT Series

KT12

The full-range passive 2-way loudspeaker KT12 has been specifically designed by Tecnare® as an entertainment club system, to reach the best nearfield quality, vocal coherence, and a stable sound pressure level even at high SPL level.
KT12 features a 12" LF cone driver and a 1" copper clad neody mium compression driver for 450W (AES) power handling. A passive Notch filter, selectable from a rear switch, provides different EQ applications.

- Features

Passive 12" 2-way full range Loudspeaker
1.5" VC polymer diaphragm compresion driver
Robust enclosure made from 15mm birch plywood
Mounting accessories

- Applications

Karaoke sound reinforcement
Convention centres
Bar, club, lounge
Hotel, restaurant

-Frequency Response:	45 Hz – 18 kHz Free Field: 55 Hz – 17 kHz ±3dB
-Components:	1 x 12-inch cone driver + 1 x 1-inch (1.5" VC) compression driver
-Nominal Dispersions:	70° x 50° (HxV)
-Impedance:	8 Ohm
-Axial Sensitivity (1w/1m):	90 dB
-Calculated SPL:	120 dB cont. / 126 dB peak
-Power Handling:	450W / 900 W
-Dimensions (HxWxD) (millimeters/inches):	600 x 335,5 x 380,1 mm / (23.6" x 13.2" x 15")
-NET Weight:	18,5 kg. / (40.7 lbs)
-Construction:	15mm plywood. Finished in black semi-matt texture
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam
-Input Conexion:	IN: 1xNL4 SpeakON® LINK: 1xNL4 SpeakON
-Accessories:	U-bracket, polemount socket, truss clamp & protection cover

tecnare sound systems

KT18

The KT-18 inherits the features from its older brother SW118M. Its a compact, high-output vented subwoofer, housing a 18-inch loudspeaker.
The KT- 18 is the perfect combination to supplement the LF headroom of the Tecnare® KT-12 loudspeaker in a variety of combinations. The subwoofer cabinet is constructed with 18mm birch plywood and has a high-quality Poliurea paint finish. The front of the subwoofer is protected by a hex-stamping steel grille covered with an acoustically transparent fabric, and it features a pole mount socket.

- Features

Passive 18" LF Long excursion 4" voice coil
Vented cabinet
Robust enclosure made from 18mm birch plywood
Top mounted, 35 mm pole mount socket

- Applications

Karaoke sound reinforcement
Convention centres
Bar, club, lounge
Hotel, restaurant

-Frequency Response:	35 Hz – 250 kHz Free Field: 40 Hz – 100 Hz ±3dB
-Components:	1 x 18-inch LF cone driver 4-inch voice coil
-Nominal Dispersions:	360° (Only one box. Varies with number of units & configuration)
-Impedance:	8 Ohm
-Axial Sensitivity (1w/1m):	97.5 dB
-Calculated SPL:	127.5 dB cont. / 133.5 dB peak
-Power Handling:	1000W AES / 2000 W Continuous
-Dimensions (HxWxD) (millimeters/inches):	596 x 602 x 691 mm / (23.46" x 23.23" x 27.20") (HxWxD)
-NET Weight:	40,2 kg. / (88.62lbs)
-Construction:	18mm birch plywood. Finished in black semi-matt textured Polyurea weatherized coating
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam
-Input Conexion:	IN: 1xNL4 SpeakON® LINK: 1xNL4 SpeakON
-Accessories:	Optional wooden dolly and soft cover

tecnare sound systems

ALIS Series

ALIS12

The exceptional scalability and the ability to form small arrays of two, three or four cabinets with strict control of dispersion makes ALIS 12 capable of adjusting to any audience geometry, being the ideal choice for distributed systems in sports venues. Arrays can be flown horizontally or vertically, or stacked when needed.
ALIS 12 offer unbeatable audio performance for all kind venues, where polar control, high-output, lowdistortion, and the highest quality sound are required. Constructed of premium WISA birch plywood, ALIS 12 enclosure are covered with a hard-shell finish coating. Rigging is made out of aluminum to lower weight and optimize weatherization.

- Features
  Exceptional size-to-power ratio; easily powerful enough to use for main system, delay stacks, or fill duties
  1 x 12-inch-LF cone driver / 1 x 1.4-inch exit (3-inch voice coil) HF compression driver coupled to a waveguide
  Plug-and-play package, quick set-up and easy flying

- Applications
  Theatres and theatrical sound reinforcement
  Stand alone system
  Center and Sidefill applications
  Concert Halls, distributed systems and clubs

-Frequency Response:	55 Hz – 20 kHz ±4dB, measured on axys
-Components:	1×12" neodymium LF driver, 3" voice coil, 1×1.4" exit compression driver
-Nominal Dispersions:	20° x 75° @-6dB
-Impedance:	LF: 8 Ohm / HF: 16 Ohm
-Axial Sensitivity (1w/1m):	104dB
-Calculated SPL:	131 dB nominal / 137 dB continuous
-Power Handling:	710 W AES / 1400 W continuos *LF power: 600W AES @8ohm *HF power 110W AES @16ohm
-Dimensions (HxWxD) (millimeters/inches):	654,5 x 388 x 582,6 mm / 25.77" x 15.27" x 22.94"
-NET Weight:	33,5 Kg / 73.85 lbs
-Construction:	16mm birch plywood. Finished in black semi-matt textured Polyurea weatherized coating.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

ALIS12 PLUS

ALIS12Plus is a high-performance 3-way / bi-amplified, high-Q point-source array element designed for both professional rental applications and permanent installations. When deployed in tightly packed arrays, it provides precise and consistent coverage that scales predictably with the number of elements. This makes the system exceptionally versatile for use as FOH L/R mains, central clusters, side fills, distributed systems, or supplementary coverage.
The system incorporates a 12-inch long excursion low-frequency driver, paired with the same coaxial mid/high unit used in the CLa21Plus, featuring a 4-inch + 2.5-inch voice coil assembly. Operating across a bandwidth of 400 Hz to 18 kHz, it is coupled to a dedicated constant-Q waveguide to ensure uniform tonal balance and directivity control. True to the ALIS12 platform, the ALIS12-Plus delivers an increased output of +6 dB compared with its reference model.

The ALIS12Plus is optimised for tightly packed horizontal or vertical array configurations, whether ground-stacked or flown. Standard array geometry is based on 20° incremental splay angles, delivering a nominal dispersion of 20° (horizontal) × 75° (vertical). The trapezoidal enclosure features integrated rigging hardware comprising dual bars and four quick-release pins, enabling fast, secure and tool-free deployment of multiple ALIS12Plus elements.
The system is fully compatible with T Series and 44TDAP amplifiers equipped with FIR-based system processing, as well as Advanced System Amplifiers, ensuring maximum performance, consistency and protection.

-Frequency Response:	55 Hz – 20 kHz ±4dB, measured on axys
-Components:	1 x 12-inch LF cone driver + 1 x 1.4" exit, 4"/2.5" (V.C.) MF/HF comp. driver
-Nominal Dispersions:	20° x 75° @-6dB
-Impedance:	LF: 8 Ohm / HF: 16 Ohm
-Axial Sensitivity (1w/1m):	111dB
-Calculated SPL:	141 dB cont. / 147 dB peak
-Power Handling:	760 W / 1500 W
-Dimensions (HxWxD) (millimeters/inches):	654,5 x 388 x 582,6 mm / 25.77" x 15.27" x 22.94"
-NET Weight:	33,5 Kg / 73.85 lbs
-Construction:	16mm birch plywood. Finished in black semi-matt textured Polyurea weatherized coating.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

tecnare sound systems

ALIS15

ALIS15 R2 loudspeaker (second generation) is a 2-way full range, "Adaptative Loudspeaker Integrate point Source" which generates a constant curvature wavefront of 40°x75°. The exceptional scalability and the ability to form small arrays of two, three or four cabinets with strict control of dispersion makes ALIS 15 capable of adjusting to any audience geometry, being the ideal choice for distributed systems. Arrays can be flown horizontally or vertically, or stacked when needed.

- Features
  Exceptional size-to-power ratio; easily powerful enough to use for main system, delay stacks, or fill duties
  1 x 15-inch-LF cone driver / 1 x 1.4-inch exit (3-inch voice coil) HF compression driver coupled to a constant-Q horn
  Plug-and-play package, quick set-up and easy flying

- Applications
  Theatres and theatrical sound reinforcement
  Stand alone system
  Drumfill, Center and Sidefill applications
  Concert Halls, distributed systems and clubs

-Frequency Response:	48 Hz – 20 kHz ±4dB, measured on axys
-Components:	1×15" neodymium LF driver 4" voice coil, 1×1.4 " neodymium HF compression driver
-Nominal Dispersions:	40° x 75° @-6dB
-Impedance:	LF: 8 Ohm / HF: 16 Ohm
-Axial Sensitivity (1w/1m):	107 dB
-Calculated SPL:	134 dB continuous / 140 dB peak
-Power Handling:	1100 W AES / 2200 W continuos *LF power:1000 W AES @8ohm *HF power: 100 W AES @16ohm
-Dimensions (HxWxD) (millimeters/inches):	800 x 450 x 755,5 mm / 31.49" x 17.71" x 29.74"
-NET Weight:	42 Kg / 92.59 lbs
-Construction:	16mm birch plywood. Finished in black semi-matt textured Polyurea weatherized coating.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

tecnare sound systems

ALIS15 PLUS

The ALIS15Plus is a high-performance 3 way/bi-amp point source array element designed for a wide range of rental productions and fixed installations. Its tight packed arrays ensure controlled sound coverage, which scales proportionally with the number of elements used. Offering exceptional acoustic properties and unmatched versatility, it is ideal for FOH L/R systems, central clusters, side-fill monitors, distributed systems, delay lines, and complementary fills. This system features a 15-inch long-excursion cone driver and integrates the same 4-inch + 2.5-inch voice coil coaxial MF

/HF driver as the CLa21Plus. Covering a 400 Hz to 18 kHz frequency range, it incorporates a dedicated constant-Q horn to enhance performance. Staying true to the ALIS15 concept, the system delivers a +6dB boost compared to its reference counterpart.

The ALIS15Plus can be tightly packed in horizontal or vertical arrays for stacked or flown applications, providing a 40° horizontal by 75° vertical coverage, with array configurations available in 40° increments. Its trapezoidal cabinet is equipped with integrated mounting hardware, featuring two bars and four quick-release pins, allowing for quick and effortless linking to other ALIS15Plus units.

-Frequency Response:	45 Hz – 18 kHz ±4dB, measured on axys
-Components:	1 x 15-inch LF cone driver + 1 x 1.4" exit, 4"/2.5" (V.C.) MF/HF comp driver
-Nominal Dispersions:	40° x 75° @-6dB
-Impedance:	LF: 8 Ohm / HF: 16 Ohm
-Axial Sensitivity (1w/1m):	110 dB
-Calculated SPL:	141 dB cont. / 147 dB peak
-Power Handling:	1200 W / 2400 W
-Dimensions (HxWxD) (millimeters/inches):	800 x 450 x 755,5 mm / 31.49" x 17.71" x 29.74"
-NET Weight:	42 Kg / 92.59 lbs
-Construction:	16mm birch plywood. Finished in black semi-matt textured Polyurea weatherized coating.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

tecnare sound systems

Tanit Series

Tanit Series

TANIT Series is the perfect choice for any application where intelligibility and sound quality are key.

With a sleek and modern design, the TANIT Series blends seamlessly into any environment, making it ideal for a wide range of applications, from conference rooms and auditoriums to houses of worship and performance venues. Featuring advanced driver technology, the TANIT Series delivers unparalleled sound quality, with rich, full-bodied bass and crystal-clear highs that ensure every word and note is heard with exceptional clarity.

Experience the pinnacle of professional sound reinforcement with the Tanit Series by Tecnare Sound Systems. This powerful combo consists of the Tanit Column and Tanit Sub, delivering unmatched audio quality and performance.

The Tanit Column features six 5″ MF cone drivers and two 1″ HF drivers for precise audience coverage and exceptional speech intelligibility. With a maximum SPL of 134dB, it delivers immersive sound reproduction.

The Tanit Sub, with two 12″ drivers, provides deep, impactful bass reinforcement. With a maximum SPL of 137dB, it adds an impressive low-frequency punch to your sound system.

Both components are constructed with first-grade birch plywood for durability, and their sleek design allows for easy integration into any environment. The combo offers flexible mounting options and can be easily connected for enhanced performance.

tecnare sound systems

Tanit Column

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 6 ohm impedance. The usable system bandwith is 85Hz to 18kHz. The precise polar pattern of 120ºH x 30ºV (+5º/-25º) is achieved through the progresive acoustics coupling slighty arcuate ensuring a precise audience coverage, improved sound quality and outstanding speech intelligibility are assured.

- Features

  Visually Discreet
  Lightweight
  Plug & Play package
  Mounting accessories

- Applications

  Theatres and theatrical sound reinforcement
  Concerts & Live Events
  Place of Worship
  Auditoriums & Concert Halls

-Frequency Response:	75 Hz – 20 kHz Free Field 85 Hz – 18 kHz ±3 dB
-Components:	6 x 5" custom made neodimium cone drivers and 2 x 1" neodimium compression drivers
-Nominal Dispersions:	Asymmetric 120º x 30º (+5/-25)
-Impedance:	6 Ohm
-Axial Sensitivity (1w/1m):	98 dB
-Calculated SPL:	134 dB continuous / 140 dB peak
-Power Handling:	1040 W AES / 2080W continuos
-Dimensions (HxWxD) (millimeters/inches):	1274,5 x 165,5 x 230,3 mm (50.18" x 6.40" x 9.07")
-NET Weight:	23 kg (50.7 lbs)
-Construction:	10mm first grade birch plywood. Finished in black semi-matt textured Polyurea coating
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam.

tecnare sound systems

Tanit Sub

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 8 ohms impedance. The low frequency limit is 35 Hz.

- Features

  Visually Discreet
  Lightweight
  Plug & Play package
  Mounting accessories

- Applications

  Theatres and theatrical sound reinforcement
  Concerts & Live Events
  Place of Worship
  Auditoriums & Concert Halls

-Frequency Response:	35 Hz- 195 Hz Free Field 45Hz- 120 Hz±3 dB
-Components:	2 x 12" neodimium cone drivers
-Nominal Dispersions:	360º
-Impedance:	8 Ohm
-Axial Sensitivity (1w/1m):	96dB @half-space
-Calculated SPL:	131 dB continuous / 137 dB peak
-Power Handling:	1800 W AES / 3600 W continuos
-Dimensions (HxWxD) (millimeters/inches):	825 x 348 x 423,3 mm (32,48" x 13,71" x 16,67")
-NET Weight:	31,5 kg (69,44 lbs)
-Construction:	16mm first grade birch plywood. Finished in black semi-matt textured Polyurea coating
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam.

tecnare sound systems

PULSAR Series

PULSAR 8

The Tecnare Pulsar8 is a high-performance, compact line array loudspeaker developed to deliver precise and scalable sound reinforcement in demanding professional environments. The system features a dual 8-in neodymium low-frequency configuration, combined with a high-efficiency coaxial MF-HF driver (3″+2″ vc), ensuring excellent output density, clarity and tonal balance throughout the audience area. At the core of the Pulsar8 is a custom designed high-frequency horn, specifically developed for this model and seamlessly coupled to a dedicated waveguide.

- Features

Dual 2 × 8″ high-output line array design

Coaxial HF driver (3″+2″) for superior clarity

Custom horn & waveguide for precise coverage control

Tour-grade plywood cabinet with polyurea finish

- Applications

Theater

Touring sound, sports arenas

Near-field applications

hotel ballrooms live clubs and disco

corporate A/V, performing arts centers

-Frequency Response:	60 Hz – 20 kHz
-Components:	2 × 8″ LF cone drivers + 3″–2″ coaxial MF-HF driver
-Nominal Dispersions:	100˚ x 10˚ – Waveguide integrate a Constant-directivity horn
-Impedance:	8 Ω
-Axial Sensitivity:	107 dB (1w/1m)
-Calculated SPL:	138 dB (preliminar)
-Power Handling:	1150 W / 2300 W

-Dimensions (HxWxD) (millimeters/inches):	520 × 533 × 284 mm (20.5″ × 21″ × 11.2″)
-Net Weight (kg/Pounds):	27 kg (59.52 lbs)
-Construction:	16mm birch plywood. Finished in black semi-matt textured Durawound weatherized coating. One recessed carrying handle.
-Grille:	Powder-coated perforated steel with acoustically transparent reticulated fabric on the back

PULSAR 15

The Tecnare Pulsar15 is a compact, high output flyable subwoofer designed as the low-frequency companion for the Pulsar8 series line source systems. Engineered to be flown or ground-stacked, Pulsar15 can be deployed both as a standalone subwoofer array or fully integrated with Pulsar8 systems, ensuring coherent, scalable low-frequency performance in a wide range of professional applications. The system is built around a high-excursion 15″ neodymium transducer with a 4-inch voice coil, integrated within a band-pass, horn loaded acoustic configuration. This design incorporates computer-optimised internal ports, carefully shaped to maximise acoustic efficiency while maintaining low distortion and high impact, even at elevated sound pressure levels. The result is a tight, controlled low-frequency response with excellent consistency when deployed in arrayed configurations.

- Features

15″ neodymium LF driver – 4″ voice coil

Flyable subwoofer for arrayed configurations

Optimised for use with Pulsar8 line source

Tour-grade plywood cabinet with polyurea finish

- Applications

Theater

Touring sound, sports arenas

Near-field applications

hotel ballrooms live clubs and disco

corporate A/V, performing arts centers

-Frequency Response:	35 Hz – 120 Hz
Free Field	40 Hz – 100 Hz ±3dB
-Components:	1 x 15-inch Neodymium driver, 4″ VC Long excursion
-Impedance:	8 Ω
-Axial Sensitivity:	109 dB (1w/1m)
-Calculated SPL:	139 dB (preliminar)
-Power Handling:	1000 W / 2000 W
-Dimensions (HxWxD) (millimeters/inches):	520 x 671 x 514 mm / (20.5″ x 26.4″ x 20.2″) (LxWxH)
-Net Weight (kg/Pounds):	45 kg / (99.2 lbs)
-Construction:	Integrated rigging system. 16mm birch-plywood. Finished in black semi-matt textured Polyurea weatherized coating
-Grille:	Powder coated perforated steel with acoustically transparent reticulated fabric on the back

Array Series

CLA208

Array Series

The Tecnare CLa208 array is an extremely compact high output, lightweight enclosure housing two 8-inches speakers, and one 1.4-inches compression driver attached to a waveguide device. The CLa208 Array delivers extended bass response and well balanced clean mids and highs. High frequency is handled by one 3-inches voice coil, 1.4-inches exit compression driver attached to a 110°x10° wave guide. The system's shape is trapezoidal, so we can better angle and focus it's elements.

- Features

Ultra-Compact two-way curvilinear array module
2 x 8-inch-LF cone, dipolar shape / 1 x 1.4-inch (3-inch voice coil) mounted on one waveguide
Exceptional pattern control due to symmetrical design.

- Applications

Theater
Touring sound, sports arenas
Near-field applications
hotel ballrooms live clubs and disco
corporate A/V, performing arts centers

-Frequency Response:	62/80 (1) Hz – 18 kHz ±4dB (1 box)
-Components:	Low 2×8"; High 1×1.4" exit compression driver
-Nominal Dispersions:	Horizontal: 110°; Vertical: depending on array length and configuration
-Impedance:	LF: 8 Ohm / HF: 16 Ohm
-Axial Sensitivity:	107 dB (1w/1m)
-Calculated SPL:	134 dB continuos / 140 peak
-Power Handling:	510 W AES / 1020 W continuos * LF power: 400W AES /800 W continuos @8ohm * HF power: 110W AES /220 continuos @16ohm
-Dimensions (HxWxD) (millimeters/inches):	295,5x602x455 mm / 11.63" x 23.70" x 17.91"
-Net Weight (kg/Pounds):	29,3 Kg / 77.16 lbs
-Construction:	16mm birch plywood. Finished in black semi-matt textured Durawound weatherized coating. One recessed carrying handle.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

tecnare sound systems

CLA21

The CLa21 is a high-power, bi-amp 2-way, line array module engineered to deliver an incredible output for use in both indoor or outdoor. First of all we have established a design criterion in which the size of the cabinet is extremely compact. The bass and mid section are conformed by two10" dipolar mounted drivers and High frequency is handled by a 1.4" exit (3-inch voice coil) compression driver attached to a pattern controlled (75° horizontal x 13° vertical) symmetrical curved waveguide. The advanced bass-reflex and port arrangement delivers full bandwidth capabilities with an extended LF output. Due to the dipolar arrangement of the LF drivers, a broadband, horizontal dispersion control nominally is maintained down to approximately 500 Hz.

- Features

High output to size ratio
2 x 10-inch-LF cone, dipolar shape, vented box/ 1 x 1.4-inch exit (3-inch voice coil) HF compression driver mounted on one waveguid attached a CD Horn
Exceptional pattern control due to symmetrical design

- Applications

Theater
Touring sound, sports arenas
Near-field applications
hotel ballrooms live clubs and disco
corporate A/V, performing arts centers

-Frequency Response:	60/80(1) Hz- 18 Khz
-Components:	Low and mid: 2 x 10", 3" voice coil; HF: 1 x1.4" compression driver, 3" voice coil
-Nominal Dispersions:	Horizontal: 75°; Vertical: depending on array length and configuration
-Impedance:	LF: 8 Ohm / HF: 16 Ohm
-Axial Sensitivity:	108 dB (1w/1m)
-Calculated SPL:	136 dB continuos / 142 peak
-Power Handling:	710 W AES / 1420 W continuous * LF power: 600W AES /1200 W continuos @8ohm * HF power: 110W AES /220 continuos @16ohm
-Dimensions (HxWxD) (millimeters/inches):	320x741x479mm / 12.6" x 29.7" x 18.85"
-Net Weight (kg/Pounds):	35 Kg / 77.16 lbs
-Construction:	16mm birch plywood. Finished in black semi-matt textured Durawound weatherized coating. One recessed carrying handle.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

CLA21 PLUS

Array Series

The Tecnare Cla21Plus is the first of a new family of line source modules which incorporates a new unique technology that seamlessly integrates MF and HF components into a single horn which produces a coherent wavefront without interruptions.
At the heart of the Cla21Plus line source module is a new coaxial 4-in voice coil mid-frequency and 2.5-in voice coil high-frequency driver, and covering the 400Hz to 20kHz range. It is loaded to a waveguide and a proprietary horn that ensures low distortion and controlled broadband directivity.With extended frequency response down to 55 Hz, the Cla21Plus LF section houses two 10-in dipolar mounted, high-excursion drive units, 3-in voice coils to maintain long throw projection of low frequencies.

- Features

Compact three-way, bi-amp cabinet
2 x 10"LF lightweight neodymium motors
1 x 1.4" coaxial mid-high compression Driver
Easy propietary rigging systems
8Ω LF and16Ω MF/HF Nominal Impedance

- Applications

Theaters, arenas, Stadiums
Dance clubs
Medium size festivals
Fill and integration with Cla208

-Frequency Response:	55 Hz – 20 kHz Free Field: 60 Hz/80 – 18 kHz ±3 dB
-Sensitivity (1W/1m)	110 dBspl
-Calculated SPL	141 dBspl continuous / 147 dBspl peak
-Transducers:	2 x 10" LF cone drivers + 1 x 1.4" exit, coax 4" VC MF & 2.5 mm VC HF driver on waveguide device.
-Dispersions (HxV)	75° x 13° (Only one box. Vertical varies with array lenght and configuration)
-Recommended Amplifiers	PA3000/PA5000/T20-44/T10-44/T20-48/T10-48
-Power Handling:	AES: 1000 W LF / 180 W MF-HF Continuous: 2000 W LF / 360 W MF-HF
-Impedance:	8 Ω LF – 16 Ω MF/HF
-Input Connectors:	IN: 1xNL4 SpeakON® LINK: 1 x NL4 SpeakON®
-NET Weight:	39,5 kg (87.08 lbs)
-Dimensions:	767 x 580 x 320mm (30.2" x 22.84" x 12.60")(WxDxH)
-Construction:	16mm birch plywood. Finished in black semi-matt textured Polyurea weatherized coating.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

tecnare sound systems

CLA312

Array Series

Tecnare CLa312 Line Array model is a versatile and powerful audio system designed to deliver exceptional performance. It features a low-profile folded horn design for precise sound projection control and addresses common bass issues on stage. The combination of multiple enclosure outputs extends the low-frequency response. For mid frequencies, it utilizes a high-output 12" neodymium loudspeaker with a phase corrector device to ensure even dispersion. High frequencies are handled by two 1.4" compression drivers attached to a controlled waveguide and non-resonant horn.

- Features

High-Power 3-way tri-amp enclousure
2 x 12-inch-LF cone Horn-Loaded /
1 x 12-inch MF cone Horn-Loaded /
2 x 1.4-inch exit HF both waveguide attached CD horn
Exceptional pattern control due to symmetrical design and large horn(s)

- Applications

Theater
Touring sound, sports arenas
Large-scale touring sound reinforcement for outdoor festivals, stadia, arenas and concert halls
Premium fixed installations

-Frequency Response:	58 Hz – 19 kHz ±4dB, measured on axys. 42 Hz – 19 kHz ±4dB (6 element array)
-Components:	Low: 2×12" LF driver band pass horn loaded. Mid: 1×2" HF phase corrected High: 2×1.4" compression driver attached to proprietary waveguide device
-Nominal Dispersions:	90ºH x 8ºV@-6dB points (one box)
-Impedance:	LF: 4 Ohm / MF: 8 Ohm / HF: 8 Ohm
-Axial Sensitivity:	105 dB (1w/1m)
-Calculated SPL:	138 dB continuous/ 144 dB Peak
-Power Handling:	2520 W AES / 5040 W continuous *LF: 1800W AES @8ohm *MF: 600W AES @8ohm *HF: 240W AES @8ohm
-Dimensions (HxWxD) (millimeters/inches):	440 (front height) – 310 (rear height) x 1245×740 mm
-Net Weight (kg/Pounds):	85 Kg (187,39 lbs)
-Construction:	16mm birch plywood. Finished in black semi-matt textured Durawound weatherized coating. One recessed carrying handle.
-Grille:	Powder coated perforated steel

tecnare sound systems

Subwoofer Series

SW12

The Tecnare SW12Minisub is a very powerful 1×12-inch Low-Frequency loudspeaker enclosure. This vented subwoofer cabinet has been designed for small sound reinforcements, where box size matters. It consists of a 12-inch reflex-loaded low frequency driver in a birch plywood enclosure, optimally tuned for extended low frequency response.

- Features

  Sonic impact precision. High output, compact subwoofer system
  1 x 12-inch-LF Bass Reflex
  Designed for permanent installation where the physically small size and the impact of a 12-inch driver is desired

- Applications
  A/V systems
  meeting rooms, classrooms, exhibit areas
  f/x reinforcement, cruise ships
  Background music in restaurant, disco, club and small retail spaces

-Frequency Response:	38 Hz – 500 Hz ±4dB, measured on axys
-Components:	1×12" LF driver
-Nominal Dispersions:	360° (Only one box. Varies with number of units & configuration)
-Impedance:	8 Ohm
-Axial Sensitivity (1w/1m):	93 dB
-Calculated SPL:	122 dB continuous /128 dB peak
-Power Handling:	700 W AES / 1400 W continuos
-Dimensions (HxWxD) (millimeters/inches):	376x376x398 mm / 14.80" x 14.80" x 15.70"
-NET Weight:	21,1 Kg / 46.51 lbs
-Construction:	18mm birch plywood. Finished in black semi-matt textured Polyurea weatherized coating
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

tecnare sound systems

SW115

The SW115 is a very powerful band pass rear horn-loaded subwoofer designed for use in night-club applications, although it is also ideally suited for concert touring and festivals. High-velocity band pass horn-loading technique, gives a precise cone control, resulting in a deep and fast bass response at high power levels, with a very high sensitivity. The response given with this subwoofer is very deep, starting at 38 Hz, but at the same time it delivers tremendous punch due to its fast transient response.

- Features

High output, compact subwoofer system
1 x 15-inch-LF
Designed for permanent installation where the physically small size and the impact of a 15 inch driver is desired

- Applications

Restaurant, disco and club sound reinforcement
Theater Sound Systems
Meeting rooms, classrooms, exhibit areas
Medium Scale systems

-Frequency Response:	38 Hz – 150 Hz ±4dB, measured on axys
-Components:	1×15" LF driver
-Nominal Dispersions:	120° x 120°
-Impedance:	8 Ohm
-Axial Sensitivity (1w/1m):	99 dB
-Calculated SPL:	129 dB continuous /135 dB peak
-Power Handling:	1000 W AES / 2000 W continuos
-Dimensions (HxWxD) (millimeters/inches):	735x445x690mm / 28.93" x 15.52" x 27.16"
-NET Weight:	43,2 Kg / 95.24 lbs
-Construction:	18mm birch plywood. Finished in black semi-matt textured Durawound weatherized coating. Six recessed carrying handle.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated foam

tecnare sound systems

SW118M

The Tecnare SW118M is a powerful 1×18-inch direct radiation, vented subwoofer cabinet. It has been designed for all kinds of sound reinforcement: short, medium or long throw. Optionally, the box can houses rigging hardware to be used in array systems, such as CLa208.

The enclosure has been made with the latest CAD techniques assuring a perfect and rigid construction. Weatherized finish is provided, as the cabinet is covered with Poliurea texture finish and protected with epoxy powder coating grills.

- Features

The SW118M is the companion subwoofer to the CLa208. The SW-118M's simple-to-use rigging solution allows users to construct flown and ground stacked arrays with ease
1 x 18-inch-LF cone driver
Optimally vented for increased response

- Applications

Band PA
Coporate Events
Sound system rental
Mobile and fixed DJ systems

-Frequency Response:	35 Hz – 400 Hz ±4dB, measured on axys
-Components:	1×18" LF driver
-Nominal Dispersions:	360°
-Impedance:	8 Ohm
-Axial Sensitivity (1w/1m):	98 dB
-Calculated SPL:	129 dB continuous/ 135 Peak
-Power Handling:	1200 W AES / 2400 W continuous
-Dimensions (HxWxD) (millimeters/inches):	596x590x691 mm / 23.46" x 23.23" x 27.20"
-NET Weight:	46 Kg / 101.41 lbs
-Construction:	18mm birch plywood. Finished in black semi-matt textured Poliurea weatherized coating. Four recessed carrying handle.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated fabric

tecnare sound systems

SW18VR

Subwoofer Series

The Tecnare SW18VR is an advanced very compact high power Bass enclosure that can be stacked or flown together in array configuration with CLa21 Line Source. The SW18VR loudspeaker is housed with one 18-inch long excursion transducer in hybryd configuration, designed to reproduce a clean "punchy " low frequency response . This highefficiency design delivers extremely low distortion, coherent bass output from 48 Hz to 200Hz with a max SPL of 138 dBSPL (12dB crest factor pink noise at 1m) and a power handling of 2400 W watts continuous. The impedance is nominal 8 ohms.

- Features

High output bass system
1 x 18-inch-LF cone driver, Hybrid Horn/ Reflex loaded
Optimally vented for increased response

- Applications

Concert Hall
Stadium, arenas, theatres and Auditorium
Club sound reinforcement
Suitable for flown or ground stacked used

-Frequency Response:	48 Hz – 200 Hz
-Components:	1 x 18" Long Excursion Woofer
-Nominal Dispersions:	360°
-Impedance:	8 Ohm
-Axial Sensitivity (1w/1m):	101 dB
-Calculated SPL:	132 dB continuous / 138 dB peak
-Power Handling:	1200 W AES / 2400 W continuous
-Dimensions (HxWxD) (millimeters/inches):	513x699x780 mm / 20.19" x 27.52" x 30.71"
-NET Weight:	67 Kg / 147.71 lbs
-Construction:	18mm birch plywood. Finished in black semi-matt textured Durawound weatherized coating. Two recessed carrying handle.
-Grille:	Powder coated perforated steel with acoustically transparent reticulated fabric

tecnare sound systems

SW215

The SW215 is a very powerful band pass rear horn-loaded subwoofer designed for use in large nightclub applications, although it is also ideally suited to concert touring and festivals. A high-velocity band pass horn-loading technique, gives precise cone control, resulting in a deep and fast bass response at high power levels, with a very high sensitivity. The response given with this subwoofer is very deep, starting at 36 Hz, but at the same time it delivers tremendous punch due its fast transient response.

- Features

High output, compact subwoofer system
2 x 15-inch-LF
Designed for permanent installation where the small size allows placement in tight places while providing the extremely low frequency response of much larger systems

- Applications

Large Disco and club sound reinforcement
Theater Sound Systems
Large auditoriums
f/x reinforcement and cinemas

-Frequency Response:	36 Hz – 400 Hz ±4dB, measured on axys
-Components:	2×15" LF driver
-Nominal Dispersions:	120° x 120°
-Impedance:	4 Ohm
-Axial Sensitivity (1w/1m):	105 dB
-Calculated SPL:	138 dB continuous /144 dB peak
-Power Handling:	2000 W AES / 4000 W continuos
-Dimensions (HxWxD) (millimeters/inches):	735x870x690 mm / 28.94" x 34.25" x 27.16"
-NET Weight:	75,3 Kg / 166 lbs
-Construction:	18mm birch plywood. Finished in black semi-matt textured Durawound weatherized coating. Six recessed carrying handle
-Grille:	Powder coated perforated steel

tecnare sound systems

SW218V

The Tecnare SW218V is a very powerful double 2 x 18-inch hybrib subwoofer cabinet. It has been designed for medium to long throw sound reinforcements. The response given with this subwoofer is very deep, starting at 38 Hz. It delivers a tight punch combined with a low deep response.

The acoustic loading of the Speakers, perfectly matched, prevents cones to over run maximum cone displacement. It is the perfect solution for all kind of touring systems. Castors can be supplied as an accessory.

- Features

  High temperature 4-inch voice coil drivers
  2 x 18-inch-LF cone driver
  High-output and high-definition sound

- Applications

  Medium / Large scale touring/festival systems
  Club sound reinforcement
  Sound system rental
  Mobile and fixed DJs systems

-Frequency Response:	38 Hz – 280 Hz ±4dB, measured on axys
-Components:	2×18" LF driver
-Nominal Dispersions:	180°
-Impedance:	4 Ohm
-Axial Sensitivity (1w/1m):	104 dB
-Calculated SPL:	137 dB continuous /143 dB peak
-Power Handling:	2400 W AES / 4800 W continuos
-Dimensions (HxWxD) (millimeters/inches):	1086x580x841 mm / 42.76" x 22.83" x 33.11"
-NET Weight:	85,5 kg / 188.49 lbs
-Construction:	18mm birch plywood. Finished in black semi-matt textured Durawound weatherized coating. Six recessed carrying handle
-Grille:	Powder coated perforated steel

tecnare sound systems

SW218EB 2600

Subwoofer Series

The SW218EB2600 is a high performance loudspeaker defined by its exceptional headroom and an extended frequency
response.
The SW218EB2600 housing two linear, high excursion 18-inch cone drivers mounted in a vented cabinet and optimally tuned port with flared ends to reduce turbulence and noise under high drive conditions.The loudspeakerís 30Hz to 150Hz operating frequency range allow it to integrate with any Tecnare Loudspeaker System.

- Features

High output Subwoofer
2 x 18" LF long excursion Hi Power drive
Bass reflex system
140 dB max SPL
4Ω Nominal Impedance

- Applications

Stadium
Club sound reinforcement
Sound system rental
Arenas

-Frequency Response:	30 Hz – 150 kHz
-Components:	2 x 18-inch LF cone driver (4.5" VC)
-Nominal Dispersions:	360° (Only one box. Varies with number of units and configuration)
-Impedance:	4 Ohm
-Axial Sensitivity (1w/1m):	101 dB
-Calculated SPL:	138 dB cont. / 144 dB peak (With T20-44 amplifier)
-Power Handling:	2600W AES / 5200W continuos
-Dimensions (HxWxD) (millimeters/inches):	546x1340x700 mm / 22.10" x 52.75" x 27.56"
-NET Weight:	93,5 kg. / (199 lbs)
-Construction:	18mm birch plywood. Finished in black semi-matt textured Durawound weatherized coating. Two recessed carrying handle
-Grille:	Powder coated perforated steel

tecnare sound systems

SW218EB

Subwoofer Series

The SW218EB is a high performance loudspeaker defined by its exceptional headroom and an Extended frequency response.

The SW218EB housing two linear, high-excursion 18-inch cone drivers mounted in a vented cabinet and optimally tuned port with flared ends to reduce turbulence and noise under high drive conditions. The loudspeaker's 28Hz to 100Hz operating frequency range allow it to integrate with any Tecnare Loudspeaker System. When the SW218EB operate in infrasub mode others Tecnare subwoofers can be used to extend up the frequency response.

- Features

  High temperature 4-inch voice coil drivers
  2 x 18-inch-LF cone driver
  High-output and high-definition sound

- Applications

  Stadium
  Club sound reinforcement
  Sound system rental
  Arenas

-Frequency Response:	28 Hz – 100 Hz ±3dB, measured on axys
-Components:	Low 2×18" LF driver
-Nominal Dispersions:	Standard or Cardioid
-Impedance:	4 Ohm
-Axial Sensitivity (1w/1m):	103 dB
-Calculated SPL:	137 dB continuous /143 dB peak (T-20 Amplifier)
-Power Handling:	3400 W AES / 6800 W continuos
-Dimensions (HxWxD) (millimeters/inches):	546x1340x700 mm / 22.10" x 52.75" x 27.56"
-NET Weight:	90 kg / 198,41 lbs
-Construction:	18mm birch plywood. Finished in black semi-matt textured Durawound weatherized coating. Two recessed carrying handle
-Grille:	Powder coated perforated steel

tecnare sound systems

SW221

Subwoofer Series

It is a driven 1-way bass-reflex design to extends the frequency response down to 27 Hz. It has two bass-reflex chambers designed around two 21-inch/4.5-inch voice coil high spec dual voice coil drive units and ultra-wide ports that drastically reduce low-frequency turbulence to deliver exceptional low frequency performance.

The SW221 is designed to streamline setup a deliver maximun result in minimum time uniting features unique to deliver solutions for rental and installations systems.

- Features

  High temperature 4.5-inch voice coil drivers
  2 x 21-inch-LF cone driver
  High-output and high-definition sound

- Applications

  Stadium
  Infra extension for High-End night club
  Sound System Rental
  Arenas

-Frequency Response:	27 Hz – 90 Hz, Free Field: 30Hz-100Hz ±3dB, measured on axis
-Components:	Low 2×21" LF driver
-Nominal Dispersions:	Standard or Cardioid
-Impedance:	4 Ohm
-Axial Sensitivity (1w/1m):	104 dB
-Calculated SPL:	138 dB continuous /144 dB peak (T-20 Amplifier)
-Power Handling:	3400 W AES / 6800 W continuos
-Dimensions (HxWxD) (millimeters/inches):	1404x835x616 mm / 55.27"x32.87"x24.25"
-NET Weight:	125 kg / 275,578 lbs
-Construction:	18mm birch plywood. Finished in black semi-matt textured Durawound weatherized coating. Two recessed carrying handle
-Grille:	Powder coated perforated steel

tecnare sound systems

T Series

T 44 Series

The T44 Series is an advanced 4-channel power amplifier which offering a combination of power delivery, sonic performance and efficiency in a robust package, surpassing to similar products.
Each channel can be configured to deliver its maximum power into 2, 4 or 8 Ohms (2 or 4 Ohms for the T20-44 model), nominal loads as well as 25V, 70V & 100V constant Voltage (CV) lines.
This offers designers and integrators unparalleled flexibility and cost effectiveness.
The integrated state-of-the-art DSP, based upon the same technology of the DP4896 processor, and network control being the perfect complement to the world's finest loudspeaker systems.

-Number of Channels:	4
-Power Output, all channels driven (RMS):	*T20-44: 4 x 5000 Watt @ 2 ohm / 4 x 3000 Watt @ 4 ohm
	4 x 1500 Watt @ 8 ohm / 2 x 10000 Watt @ 4 ohm Bridge
	*T10-44: 4 x 2500 Watt @ 2 ohm / 4 x 2500 Watt @ 4 ohm
	4 x 1500 Watt @ 8 ohm / 2 x 5000 Watt @ 4 ohm Bridge
	*T06-44: 4 x 1500 Watt @ 2 ohm / 4 x 1500 Watt @ 4 ohm
	4 x 1500 Watt @ 8 ohm / 2 x 3000 Watt @ 4 ohm Bridge
-Gain (with all the DSP level controls set to 0dB):	32 dB
-Frequency response 4 Ohm load:	<7Hz to >30kHz, -2.5dB points
-Inter-channel crosstalk worst case combination:	better than -85dBr at 1kHz and -75dBr at 10kHz
-Total harmonic distortion THD:	<0.05% typical, 1kHz signal, AES17 filter, 4 Ohm load
-Topology (main power supply):	High performance Series Resonant
-Topology (auxiliary and standby supplies):	Low quiescent Eco-Flyback
-Nominal mains input voltage range:	85V to 240V, Power supply automatically
	detects voltage and configures accordingly
-Audio Input Analog:	4x female and 4x male NeutrikTM XLR-3 /
	1 x Male and 1 x female Neutrik TM XLR-3
-Amplifiers output:	4x Neutrik SpeakonTM NL4 connectors
-Network data port:	1 x Shielded RJ45
-Dante Primary and Secondary:	2 x Shielded RJ45
-Enclosure Standard:	±0.2dB (10% Rate Power, 20Hz-20kHz, 8Ω)
-Net Weight:	12.5kg (27.5 pounds)

T 48 Series

The T48 Series is an advanced 8-channel power amplifier which offering a combination of power delivery, sonic performance and efficiency in a robust package, surpassing to similar products.
Each channel can be configured to deliver its maximum power into 2, 4 or 8 Ohms (4 or 8 Ohms for the T20-48 model), nominal loads as well as 25V, 70V & 100V constant Voltage (CV) lines.
This offers designers and integrators unparalleled flexibility and cost effectiveness.
This offers designers and integrators unparalleled flexibility and cost effectiveness.
The integrated state-of-the-art DSP, based upon the same technology of the DP4896 processor, and network control being the perfect complement to the world's finest loudspeaker systems.

-Number of Channels:	8
-Power Output, all channels driven (RMS):	*T20-48: 8 x 1500 Watt @ 2/8 ohm; 8 x 2500 Watt @ 4 ohm; 4 x 2500 Watt @ 4 or 8 ohm Bridge *T10-48: 8 x 1250 Watt @ 2/4/8 ohm; 4 x 2500 Watt @ 4 or 8 ohm Bridge *T06-48: 8 x 750 Watt @ 2/4/8 ohm; 4 x 1500 Watt @ 4 or 8 ohm Bridge *T03-48: 8 x 400 Watt @ 2/4/8 ohm; 4 x 800 Watt @ 4 or 8 ohm Bridge
-Gain (with all the DSP level controls set to 0dB):	32 dB
-Frequency response 4 Ohm load:	<7Hz to >30kHz, -2.5dB points
-Inter-channel crosstalk worst case combination:	better than -85dBr at 1kHz and -75dBr at 10kHz
-Total harmonic distortion THD:	<0.05% typical, 1kHz signal, AES17 filter, 4 Ohm load
-Topology (main power supply):	High performance Series Resonant
-Topology (auxiliary and standby supplies):	Low quiescent Eco-Flyback
-Nominal mains input voltage range:	85V to 240V, Power supply automatically detects voltage and configures accordingly
-Audio Input Analog:	4x female and 4x male NeutrikTM XLR-3 / 1 x Male and 1 x female Neutrik TM XLR-3
-Amplifiers output:	4x Neutrik SpeakonTM NL4 connectors
-Network data port:	1 x Shielded RJ45
-Dante Primary and Secondary:	2 x Shielded RJ45
-Enclosure Standard:	±0.2dB (10% Rate Power, 20Hz-20kHz, 8Ω)
-Net Weight:	12.5kg (27.5 pounds)

XIT4

T Series

The XiT4 is a four channel amplifiers optimised for lower demanding pro audio applications. Offering a unique combination of power output, audio performance and combined with advanced 96kHz DSP and network control.

Sharing the same form factor as Tecnare's T44&48 Series amplifiers, each of the XiT4 four channels can deliver 1250 Watts RMS in to 2 ohms continuously, or up to 2500 Watts in to 4 ohms for a bridged pair of channels. These are not burst or peak power figures, they are the power levels that are delivered by all channels simultaneously.

-Number of Channels:				4
-Total Power output, all channels driven:				5.000 Watts RMS
-Power:	*Per Channel:	2 Ohm	1.250W	*Bridged Pair:
		4 Ohm	800W	2500W
		8 Ohm	450W	1.600W
-Audio inputs:				4 x Analogue
-Digital Signal Processing :		High performance 96kHz DSP processing on all inputs and outputs		
-Control, monitoring and system status alarms:		USB & BvNet (optimised RS485) Contact closure port for voice recall and system shutdown		
-Gain (with all the DSP level control set to 0dB):				27dB
-Power-save mode:		Standby after user defined time with fast wake-up on audio. Deep ECO sleep after user defined time, wake up on command		
-Maximum analoge input level:				+20dBu
-Topology:				Proprietary Class D
-Analogue input sensitivity range for full output:				0dBu to +20dBu, continuously adjustable
-Damping factor (Ref 8 Ohm):				>100 at amplifier output
-Sample rate:				96kHz throughout
-Crossover filter types:				Bessel, Butterworth,Linkwitz-Riley, Hardman
-Network (BvNet):				RJ45 in with RJ45 daisy-chain link
-Pre-set management:		4 voice pre-sets per channel pair, selected by contact closure.		
-Enclosure Standard:				Standard 19" 2U (88×357)mm (14"deep) with handles and optional rear support
-Net Weight:				9,5kg (20 lbs)

DP4896

DP Series

The DP–4896 Digital loudspeaker Controller is a one rack spacer, 4 input/8 output and digital matrix, high performance signal processor for loudspeaker systems.

Two-pair of balanced XLR connector feeding state-of-the-art A/D converters operating at 24-bit resolution, 96 kHz sample rate provides for nominally flat response beyond 40 kHz.

One or more input pair can be switched to operate as standard stereo AES3, with the option of a Dante® audio networking card. 8 outputs can be switched to operate as analog output or as AES3 (two channel per output: 1-2, 3-4, 5-6, 7-8) output.

Three velocity-sensitive rotary encoder, illuminated buttons and graphical display provide a rapid and intuitive control from its front panel.

The accompanying System Engineer software is easily installed and intuitive to use provides comprehensive control of all parameters from Windows® based computer via Ethernet protocol.

A large library of preset is included for systems ranging from small Tecnare loudspeaker all the way up to complex Array Series line array products.

-Number of Channels:	4 Analog or AES3 Input / 8 Analog or AES3 output. DANTE option Card Available
-Max input level:	+20dBu
-Max Output level:	+18dBu into 600R
-Sample Rate / Bit Depth:	96kHz / 24-bit
-Frequency Response / Dynamic Range:	10 Hz-40 kHz, +/-3 dB / Input Dyn range: >120dBa Typ.; Out Dyn range: >118dBa Typ
-THD (20Hz–20kHz):	<0.008% Typ
-Input Gain :	-80 to +20dB
-Delay:	Input Delay: 1s / Output Delay: 1s
-HPF/LPF types Bessel, Butterworth, Linkwitz Riley, Hardman, LIR, FIR	
-Mains power:	Universal switch-mode PSU, 85v to 250v AC, 50/60 Hz
-Consumption:	30 Watts
-Connectors Input:	Female XLR-3 / Output: Male XLR-3
-Comunications ports:	Shielded Rj45, 3-pin Phoenix aux contact
-Enclosure:	Standard 19" 1U (44mm, 1.7"), 254mm (10")
-Net Weight:	2.7 kg (6 pounds)

tecnare sound systems

TDAP Series

44TDAP1.3

TDAP Series

The 44TDAP DSP amplifier systems integrate light-weight power supplies, high power sonically transparent class-D amplifiers, complete system monitoring and a fully featured ETHERNET network controlled 32 bit / 48kHz DSP processing platform,handled by the front panel dual Rj45 connectors, as standard.

The advanced 48kHz DSP is fully integrated into the product and provides an amount of useful features. Its powerful Limiter suite provides Peak and RMS limiting, as well as multi-band limiting for passive 2-way enclosures. Many convenient features are provided as Gain, delay, EQ and a powerful FIR filtering with 512 taps, bringing linear phase response to the Tecnare presets.

- 4 Channels
- 4 x 750 @ 4 ohms
- 2 x 1500 @ 8 ohms bridge
- 4 x 450 @ 8 ohms
- 4 x 1300 @ 2 ohm
- 2 x 2600 @ 4 ohm bridge

-Crest Factor of 7.8 (18dB), 2-Ω nominal load:	1.300W
-Crest Factor of 4.8 (14dB), 4-Ohm nominal load:	750W
-Crest Factor of 2.8 (9dB), 8-Ohm nominal load:	450W
-Bridged, per channel pair, 4 Ohm load:	2.600W
-Bridged, per channel pair, 8 Ohm load:	1.500W
-RMS Voltage:	72.1V
-Number of input channels:	4
-Max ambient temperature (full power, no limiting):	45degC (113degF)
-Amplifier modulation scheme:	Proprietary Multi-Loop control technology architecture – Class D
-Dynamic range (analog input to speaker output):	>100dBA typ (20Hz – 20kHz, 8Ω)
-Frequency response:	±0.2dB (10% Rate Power, 20Hz-20kHz, 8Ω)
-Total harmonic distortion, THD+N:	Typical: 0.05% (10% Rated Power, 1kHz, 8Ω)
-Damping factor (Ref 8 Ohms):	81000(20Hz-200Hz)
-Maximum analog input level:	+21dBu (8.7Vrms)
-Analog input sensitivity Rated output Power, 1kHz:	0dBu to +21dBu, continuously adjustable
-Analog input impedance:	20k Ohm, electronically balanced
-Analog ground scheme:	AES48 standard compliant
-Sample rate:	48kHz
-Class leading limiter suite:	RMS & Peak limiter setting and Multiband compressor on each output
-Crossover Filters:	Butterworth: 12dB/Oct, 18dB/Oct, 24dB/Oct, 36dB/Oct, 48dB/Oct Bessel: 12dB/Oct, 24dB/Oct, 48db/Oct Linkwitz-Riley: 12dB/Oct, 24dB/Oct, 48dB/Oct
-Enclosure:	Standard 19"/ 1HU (45mm) and optional rear support system
-Net Weight: 8,3kg. / 9.37lbs	

tecnare sound systems

44TDAP3.0

The 44TDAP DSP amplifier systems integrate light-weight power supplies, high power sonically transparent class-D amplifiers, complete system monitoring and a fully featured ETHERNET network controlled 32 bit / 48kHz DSP processing platform,handled by the front panel dual Rj45 connectors, as standard.

The advanced 48kHz DSP is fully integrated into the product and provides an amount of useful features. Its powerful Limiter suite provides Peak and RMS limiting, as well as multi-band limiting for passive 2-way enclosures. Many convenient features are provided as Gain, delay, EQ and a powerful FIR filtering with 512 taps, bringing linear phase response to the Tecnare presets.

- 4 Channels
- 4 x 1700 @ 4 ohm
- 2 x 3400 @ 8 ohms bridge
- 4 x 1000 @ 8 ohms
- 4 x 3000 @ 2 ohm
- 2 x 6000 @4 ohm bridge

-Crest Factor of 7.8 (18dB), 2-Ω nominal load:	3.000W
-Crest Factor of 4.8 (14dB), 4-Ohm nominal load:	1.700W
-Crest Factor of 2.8 (9dB), 8-Ohm nominal load:	1.000W
-Bridged, per channel pair, 4 Ohm load:	6.000W
-Bridged, per channel pair, 8 Ohm load:	3.400W
-RMS Voltage:	109.5V
-Number of input channels:	4
-Max ambient temperature (full power, no limiting):	45degC (113degF)
-Amplifier modulation scheme:	Proprietary Multi-Loop control technology architecture – Class D
-Dynamic range (analog input to speaker output):	>100dBA typ (20Hz – 20kHz, 8Ω)
-Frequency response:	±0.2dB (10% Rate Power, 20Hz-20kHz, 8Ω)
-Total harmonic distortion, THD+N:	Typical: 0.05% (10% Rated Power, 1kHz, 8Ω)
-Damping factor (Ref 8 Ohms):	81000(20Hz-200Hz)
-Maximum analog input level:	+21dBu (8.7Vrms)
-Analog input sensitivity Rated output Power, 1kHz:	0dBu to +21dBu, continuously adjustable
-Analog input impedance:	20k Ohm, electronically balanced
-Analog ground scheme:	AES48 standard compliant
-Sample rate:	48kHz
-Class leading limiter suite:	RMS & Peak limiter setting and Multiband compressor on each output
-Crossover Filters:	Butterworth: 12dB/Oct, 18dB/Oct, 24dB/Oct, 36dB/Oct, 48dB/Oct Bessel: 12dB/Oct, 24dB/Oct, 48db/Oct Linkwitz-Riley: 12dB/Oct, 24dB/Oct, 48dB/Oct
-Enclosure:	Standard 19"/ 1HU (45mm) and optional rear support system

-Net Weight: 9,4kg. / 10.8lbs

tecnare sound systems

44TDAP5.0

The 44TDAP DSP amplifier systems integrate light-weight power supplies, high power sonically transparent class-D amplifiers, complete system monitoring and a fully featured ETHERNET network controlled 32 bit / 48kHz DSP processing platform,handled by the front panel dual Rj45 connectors, as standard.

The advanced 48kHz DSP is fully integrated into the product and provides an amount of useful features. Its powerful Limiter suite provides Peak and RMS limiting, as well as multi-band limiting for passive 2-way enclosures. Many convenient features are provided as Gain, delay, EQ and a powerful FIR filtering with 512 taps, bringing linear phase response to the Tecnare presets.

- 4 Channels
- 4 x 3400 @ 4 ohm
- 2 x 7000 @ 8 ohms bridge
- 4 x 2000 @ 8 ohms
- 4 x 5000 @ 2 ohm
- 2 x 9600 @ 4 ohm bridge

-Crest Factor of 7.8 (18dB), 2-Ω nominal load:	5.000W
-Crest Factor of 4.8 (14dB), 4-Ohm nominal load:	3.400W
-Crest Factor of 2.8 (9dB), 8-Ohm nominal load:	2.000W
-Bridged, per channel pair, 4 Ohm load:	9.600W
-Bridged, per channel pair, 8 Ohm load:	7.000W
-RMS Voltage:	126.5V
-Number of input channels:	4
-Max ambient temperature (full power, no limiting):	45degC (113degF)
-Amplifier modulation scheme:	Proprietary Multi-Loop control technology architecture – Class D
-Dynamic range (analog input to speaker output):	>100dBA typ (20Hz – 20kHz, 8Ω)
-Frequency response:	±0.2dB (10% Rate Power, 20Hz-20kHz, 8Ω)
-Total harmonic distortion, THD+N:	Typical: 0.05% (10% Rated Power, 1kHz, 8Ω)
-Damping factor (Ref 8 Ohms):	81000(20Hz-200Hz)
-Maximum analog input level:	+21dBu (8.7Vrms)
-Analog input sensitivity Rated output Power, 1kHz:	0dBu to +21dBu, continuously adjustable
-Analog input impedance:	20k Ohm, electronically balanced
-Analog ground scheme:	AES48 standard compliant
-Sample rate:	48kHz
-Class leading limiter suite:	RMS & Peak limiter setting and Multiband compressor on each output

-Crossover Filters: Butterworth: 12dB/Oct, 18dB/Oct, 24dB/Oct, 36dB/Oct, 48dB/Oct
Bessel: 12dB/Oct, 24dB/Oct, 48db/Oct
Linkwitz-Riley: 12dB/Oct, 24dB/Oct, 48dB/Oct

-Enclosure: Standard 19"/ 1HU (45mm) and optional rear support system

-Net Weight: 12,45kg. / 11,24lbs

tecnare sound systems

TDA Series

TDA1.3

TDA Series amplifiers from Tecnare are engineered to deliver exceptional performance and reliability for professional audio applications. These amplifiers are built to last, with high-quality components that ensure maximum durability and long-lasting performance. TDA Series amplifiers feature two channels and offer exceptional sound quality. The TDA1.3 is a compact amplifier that delivers 300W RMS per channel at 8 ohms, 450W RMS per channel at 4 ohms, and 700W RMS per channel at 2 ohms. The TDA3.6 is a versatile amplifier that delivers 800W RMS per channel at 8 ohms, 1200W RMS per channel at 4 ohms, and 1800W RMS per channel at 2 ohms. The TDA4.8 is a powerful amplifier that delivers 1200W RMS per channel at 8 ohms, 2400W RMS per channel at 4 ohms, and 4800W RMS per channel at 2 ohms.

- 2 Channels
- At 4 ohms: 450 W per channel
- At 2 ohms: 700 W per channel
- At 8 ohms: 300 W per channel

-Crest Factor of 7.8 (18dB), 2-Ω nominal load:	700W
-Crest Factor of 4.8 (14dB),4-Ohm nominal load:	450W
-Crest Factor of 2.8 (9dB),8-Ohm nominal load:	300W
-Bridged, per channel pair, 4 Ohm load:	1.300W
-Bridged, per channel pair, 8 Ohm load:	900W
-RMS Voltage:	49.0V
-Number of input channels:	2
-Input types:	2 x Analogue + 2 x link
-Max ambient temperature (full power, no limiting):	45degC (113degF)
-Amplifier modulation scheme:	Proprietary Multi-Loop control technology architecture – Class D
-Dynamic range (analog input to speaker output):	>100dBA typ (20Hz – 20kHz, 8Ω)
-Frequency response:	±0.2dB (10% Rate Power, 20Hz-20kHz, 8Ω)
-Total harmonic distortion, THD+N:	Typical: 0.05% (10% Rated Power, 1kHz, 8Ω)
-Damping factor (Ref 8 Ohms):	Typical: 1000(20Hz-200Hz)
-Maximum analog input level:	+21dBu
-Analog input sensitivity Rated output Power, 1kHz:	0.775Vrms or 32dB
-Analog input impedance:	20k Ohm, electronically balanced
-Analog ground scheme:	AES48 standard compliant
-RMS Voltage:	36.0dB
-Cooling:	Variable speed fans
-Enclosure:	Standard 19"/ 1HU (45mm) and optional rear support system
-Net Weight: 4,25kg. / 9.37lbs	

tecnare sound systems

TDA3.6

TDA Series amplifiers from Tecnare are engineered to deliver exceptional performance and reliability for professional audio applications. These amplifiers are built to last, with high-quality components that ensure maximum durability and long-lasting performance. TDA Series amplifiers feature two channels and offer exceptional sound quality. The TDA1.3 is a compact amplifier that delivers 300W RMS per channel at 8 ohms, 450W RMS per channel at 4 ohms, and 700W RMS per channel at 2 ohms. The TDA3.6 is a versatile amplifier that delivers 800W RMS per channel at 8 ohms, 1200W RMS per channel at 4 ohms, and 1800W RMS per channel at 2 ohms. The TDA4.8 is a powerful amplifier that delivers 1200W RMS per channel at 8 ohms, 2400W RMS per channel at 4 ohms, and 4800W RMS per channel at 2 ohms.

- 2 Channels
- At 4 ohms: 1.200W per channel
- At 2 Ohms: 1.800W per channel
- At 8 ohms: 800W per channel

-Crest Factor of 7.8 (18dB), 2-Ω nominal load:	1.800W
-Crest Factor of 4.8 (14dB),4-Ohm nominal load:	1.200W
-Crest Factor of 2.8 (9dB),8-Ohm nominal load:	800W
-Bridged, per channel pair, 4 Ohm load:	3.600W
-Bridged, per channel pair, 8 Ohm load:	2.400W
-RMS Voltage:	80.0V
-Number of input channels:	2
-Input types:	2 x Analogue + 2 x link
-Max ambient temperature (full power, no limiting):	45degC (113degF)
-Amplifier modulation scheme:	Proprietary Multi-Loop control technology architecture – Class D
-Dynamic range (analog input to speaker output):	>100dBA typ (20Hz – 20kHz, 8Ω)
-Frequency response:	±0.2dB (10% Rate Power, 20Hz-20kHz, 8Ω)
-Total harmonic distortion, THD+N:	Typical: 0.05% (10% Rated Power, 1kHz, 8Ω)
-Damping factor (Ref 8 Ohms):	Typical: 1000(20Hz-200Hz)
-Maximum analog input level:	+21dBu
-Analog input sensitivity Rated output Power, 1kHz:	0.775Vrms or 32dB
-Analog input impedance:	20k Ohm, electronically balanced
-Analog ground scheme:	AES48 standard compliant
-RMS Voltage:	40.3dB
-Cooling:	Variable speed fans
-Enclosure:	Standard 19"/ 1HU (45mm) and optional rear support system
-Net Weight: 4,9kg. / 10.8lbs	

tecnare sound systems

TDA4.8

TDA Series amplifiers from Tecnare are engineered to deliver exceptional performance and reliability for professional audio applications. These amplifiers are built to last, with high-quality components that ensure maximum durability and long-lasting performance. TDA Series amplifiers feature two channels and offer exceptional sound quality. The TDA1.3 is a compact amplifier that delivers 300W RMS per channel at 8 ohms, 450W RMS per channel at 4 ohms, and 700W RMS per channel at 2 ohms. The TDA3.6 is a versatile amplifier that delivers 800W RMS per channel at 8 ohms, 1200W RMS per channel at 4 ohms, and 1800W RMS per channel at 2 ohms. The TDA4.8 is a powerful amplifier that delivers 1200W RMS per channel at 8 ohms, 2400W RMS per channel at 4 ohms, and 4800W RMS per channel at 2 ohms.

- 2 Channels
- At 4 Ohms: 1.800W per channel
- At 2 Ohms: 2.400W per channel
- At 8 Ohms: 1.800W per channel

-Crest Factor of 7.8 (18dB), 2-Ω nominal load:	2.400W
-Crest Factor of 4.8 (14dB),4-Ohm nominal load:	1.800W
-Crest Factor of 2.8 (9dB),8-Ohm nominal load:	1.200W
-Bridged, per channel pair, 4 Ohm load:	4.800W
-Bridged, per channel pair, 8 Ohm load:	3.600W
-RMS Voltage:	98.0V
-Number of input channels:	2
-Input types:	2 x Analogue + 2 x link
-Max ambient temperature (full power, no limiting):	45degC (113degF)
-Amplifier modulation scheme:	Proprietary Multi-Loop control technology architecture – Class D
-Dynamic range (analog input to speaker output):	>100dBA typ (20Hz – 20kHz, 8Ω)
-Frequency response:	±0.2dB (10% Rate Power, 20Hz-20kHz, 8Ω)
-Total harmonic distortion, THD+N:	Typical: 0.05% (10% Rated Power, 1kHz, 8Ω)
-Damping factor (Ref 8 Ohms):	Typical: 1000(20Hz-200Hz)
-Maximum analog input level:	+21dBu
-Analog input sensitivity Rated output Power, 1kHz:	0.775Vrms or 32dB
-Analog input impedance:	20k Ohm, electronically balanced
-Analog ground scheme:	AES48 standard compliant
-RMS Voltage:	42.0dB
-Cooling:	Variable speed fans
-Enclosure:	Standard 19"/ 1HU (45mm) and optional rear support system
-Net Weight: 5,1kg. / 11,24lbs	

tecnare sound systems

APA Series

APA1500

Tecnare Sound Systems' APA Series amplifiers are a line of high-performance audio amplifiers that offer exceptional power, reliability, and versatility. The APA Series includes three models: the APA-1500, APA-2700, and APA-5200, each designed to deliver exceptional audio quality for a wide range of professional audio applications.
The APA Series amplifiers use Class H amplification technology, which allows them to deliver high power output with low distortion, making them ideal for demanding audio applications such as live sound reinforcement, concert sound systems, and recording studios.

- 2 Channels
- 2 x 500W at 8 ohm
- 2 x 750W at 4 ohm
- 1500W 8Ω bridge mono

-1kHz (HIA) with 0,5% THD 4Ω stereo (per channel):	750W
-8Ω stereo (per channel):	500W
-8Ω bridge mono:	1500W
-Frequency Response (at 1 Watt):	20Hz-20KHz, +0-1 dB
-Total Harmonic Distortion (THD):	<0,5%,20Hz-20KHz
-Intermodulation Distortion 60Hz and 7 KHz at 4:1 from full rated output to -30dB:	=/<0,35%
-Slew Rate:	>20V/us
-Voltage Gain:	36dB
-Damping Factor (8 ohms) 10 Hz-400Hz:	>200
-Signal-to-Noise Ratio (below rated power, 20Hz to 20KHz. A-weighted):	>100dB
Crosstalk (below rated power):	
*At 1 kHz	-75dB
*At 20 Khz:	-58dB
-Input Sensitivity for full rated power at 8Ω:	0,775 Vor 1.4V
- Input Impedance (nominal) *Balanced:	20 K Ohms
*Unbalanced:	10 K ohms
-Protection: Protection against short circuits, no-load, on/off muting, RF interface	
-Ventilation: Flow-through ventilation from front to back	
-Cooling: Internal heat sinks with forced air, Fan cooled, speed regulated, thermal protection	
-Power cord specification: Plug: 10A, 250V, Wire: 3x 1.0 mm2	
-Chasis Size (unit mm): 482x297x88mm	
-Net Weight: 10.5kg	

tecnare sound systems

APA2700

Tecnare Sound Systems' APA Series amplifiers are a line of high-performance audio amplifiers that offer exceptional power, reliability, and versatility. The APA Series includes three models: the APA-1500, APA-2700, and APA-5200, each designed to deliver exceptional audio quality for a wide range of professional audio applications.
The APA Series amplifiers use Class H amplification technology, which allows them to deliver high power output with low distortion, making them ideal for demanding audio applications such as live sound reinforcement, concert sound systems, and recording studios.

- 2 Channels
- 2 x 1000W at 8 ohms
- 2 x 1400W at 4 ohms
- 2700W 8Ω bridge mono

-1kHz (HIA) with 0,5% THD 4Ω stereo (per channel):	1400 W
-8Ω stereo (per channel):	1000W
-8Ω bridge mono:	2700W
-Frequency Response (at 1 Watt):	20Hz-20KHz, +0-1 dB
-Total Harmonic Distortion (THD):	<0,5%,20Hz-20KHz
-Intermodulation Distortion 60Hz and 7 KHz at 4:1 from full rated output to -30dB:	=/<0,35%
-Slew Rate:	>20V/us
-Voltage Gain:	37dB
-Damping Factor (8 ohms) 10 Hz-400Hz:	>200
-Signal-to-Noise Ratio (below rated power, 20Hz to 20KHz. A-weighted):	>100dB
Crosstalk (below rated power):	
*At 1 kHz	-75dB
*At 20 Khz:	-58dB
-Input Sensitivity for full rated power at 8Ω:	0,775 Vor 1.4V
- Input Impedance (nominal) *Balanced:	20 K Ohms
*Unbalanced:	10 K ohms
-Protection: Protection against short circuits, no-load, on/off muting, RF interface	
-Ventilation: Flow-through ventilation from front to back	
-Cooling: Internal heat sinks with forced air, Fan cooled, speed regulated, thermal protection	
-Power cord specification: Plug: 10A, 250V, Wire: 3x 1.0 mm2	
-Chasis Size (unit mm): 482x365x88mm	
-Net Weight: 15.8kg	

tecnare sound systems

APA5200

Tecnare Sound Systems' APA Series amplifiers are a line of high-performance audio amplifiers that offer exceptional power, reliability, and versatility. The APA Series includes three models: the APA-1500, APA-2700, and APA-5200, each designed to deliver exceptional audio quality for a wide range of professional audio applications.
The APA Series amplifiers use Class H amplification technology, which allows them to deliver high power output with low distortion, making them ideal for demanding audio applications such as live sound reinforcement, concert sound systems, and recording studios.

- 2 Channels
- 2 x 1400W at 8 ohms
- 2 x 2600W at 4 ohms
- 5200W 8Ω bridge mono

-1kHz (HIA) with 0,5% THD 4Ω stereo (per channel):	2600W
-8Ω stereo (per channel):	1400 W
-8Ω bridge mono:	5200 W
-Frequency Response (at 1 Watt):	20Hz-20KHz, +0-1 dB
-Total Harmonic Distortion (THD):	<0,5%,20Hz-20KHz
-Intermodulation Distortion 60Hz and 7 KHz at 4:1 from full rated output to -30dB:	=/<0,35%
-Slew Rate:	>20V/us
-Voltage Gain:	37dB
-Damping Factor (8 ohms) 10 Hz-400Hz:	>200
-Signal-to-Noise Ratio (below rated power, 20Hz to 20KHz. A-weighted):	>100dB
Crosstalk (below rated power):	
*At 1 kHz	-75dB
*At 20 Khz:	-58dB
-Input Sensitivity for full rated power at 8Ω:	0,775 Vor 1.4V
- Input Impedance (nominal) *Balanced:	20 K Ohms
*Unbalanced:	10 K ohms
-Protection: Protection against short circuits, no-load, on/off muting, RF interface	
-Ventilation: Flow-through ventilation from front to back	
-Cooling: Internal heat sinks with forced air, Fan cooled, speed regulated, thermal protection	
-Power cord specification: Plug: 10A, 250V, Wire: 3x 1.0 mm2	
-Chasis Size (unit mm): 482x365x88mm	
-Net Weight: 21.6kg	

tecnare sound systems

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