



FANE PRO AUDIO LOUDSPEAKER SYSTEMS | 2023

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FANE PRO AUDIO SYSTEMS

Trusted to perform and deliver by the world's premier names in sound system design.

Suitable for a range of live sound and music applications in both fixed and portable installations, Fane Pro Audio systems have been fine-tuned by the Fane research team to optimise every aspect of audio excellence. At the heart of every system are customised Fane transducers, carefully selected cone speakers and compression drivers that have been perfectly matched to the enclosure designs to achieve incredible levels of performance and tonality. Fane transducers are built to the tightest tolerances to ensure high consistency of performance and maximum reliability.

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SA-10

SA SERIES



HORIZONTAL
COVERAGE



VERTICAL
COVERAGE



OVERLOAD PROTECTION



POINT SOURCE



80° DISPERSION



REAR PORTED



FANE DRIVERS



ACOUSTIC HORN DESIGN

FEATURES

- + 350 W (AES) power handling.
- + 120 dB continuous SPL output.
- + Equipped with custom Fane drivers.
- + Elliptic 80° x 60°, low resonance glass fibre horn.
- + Void-free birch plywood enclosure construction.
- + Twin Neutrik Speakon NL4 connectors.

APPLICATIONS

- + KTV applications.
- + Bars and restaurants.
- + Clubs, live music venues and theatres.
- + Leisure and retail outlets.
- + Auditoriums, offices and conferences.



SA-10

10-INCH, TWO-WAY, PASSIVE KTV LOUDSPEAKER SYSTEM

The SA-10 stands as a testament to FANE's dedication to delivering high-quality sound solutions for premium KTV venues, upscale clubs, and vibrant nightclubs. This professional-grade, high-power full-range speaker is thoughtfully crafted to elevate audio experiences to new heights.

At its core, the SA-10 features a meticulously engineered 10-inch low-frequency driver with a bespoke 2.5-inch (63.5mm) voice coil from FANE. This pairs harmoniously with a 1.75-inch compression driver that boasts a composite polymer diaphragm, ensuring crisp and precise high-frequency performance. This dynamic duo harmonizes to deliver a seamless frequency response, encompassing a remarkable 55Hz to 20kHz range (-10dB), all while maintaining phase coherence. The high frequencies benefit from a distinctive large horn sporting an unwavering 80° (H) x 60° (V) constant directivity, ensuring consistent sound dispersion.

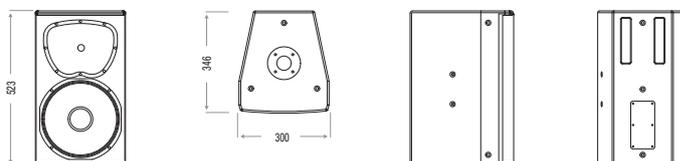
To cater to diverse installation needs, the SA-10 incorporates practical M10 mounting points on its top and sides. Its versatile pole mount further adds to its adaptability. With a remarkable sensitivity of 95dB and an AES power rating of 350W, the SA-10 employs an innovative rear-ported enclosure design. This design choice significantly minimizes group delay in the low-frequency range, elevating the perception of low-frequency speed and minimizing nonlinear distortion. The result is a captivating and agile low-frequency impact that flourishes effortlessly in any acoustic setting.

The SA-10 truly excels in producing rich and inviting mid-low frequencies, which are beautifully complemented by the clarity and vibrancy of its mid-high frequencies. This makes it the perfect choice for luxurious KTV venues, versatile multipurpose halls, lively dance venues, and the sophisticated ambiance of upscale private KTV rooms. While it shines as a standalone sound reinforcement speaker, its sonic prowess can be further magnified when paired with FPA series subwoofers for an elevated sonic experience.



Power Handling Program Peak	350 W (AES) 700 W 1400 W
Nominal Impedance	8 Ω
Average Sensitivity	95 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	120 dB (continuous) 123 dB (program) 126 dB (peak)
Frequency Response (-6dB)	50 Hz - 18 kHz
Manufacturing Consistency	200 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	80° (H) x 60° (V)
Recommended Amplifier	≤ 800 W @ 8Ω (no clip) in specified frequency response
Recommended Low Cut Full Range: with Sub:	50 Hz, 18 dB/ oct Butterworth 70 to 140 Hz, 24 dB/ oct Linkwitz-Riley
Crossover	Passive @ 2.2 kHz
Low Frequency Driver	Fane transducer, 8Ω impedance, 10" (254 mm) diameter, 2.5" high temperature voice coil on glass fibre former
High Frequency Driver	1" (25 mm) exit, 1.75" (44 mm) voice coil, polymer diaphragm

Flying Hardware	13x M8 Internal mounting points 6x M10 Internal mounting points
Pole Mount	35 mm
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 15 mm void-free, exterior grade, birch plywood
Finish	Black water-based paint
Cabinet Size (HxWxD)	523 x 300 x 346 mm
Shipping Carton Size (HxWxD)	573 x 350 x 396 mm
Weight	16 kg net 18 kg gross



SA-12

SA SERIES



HORIZONTAL
COVERAGE



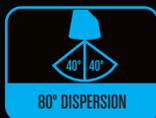
VERTICAL
COVERAGE



OVERLOAD PROTECTION



POINT SOURCE



80° DISPERSION



REAR PORTED



FANE DRIVERS



ACOUSTIC HORN DESIGN

FEATURES

- + 450 W (AES) power handling.
- + 122 dB continuous SPL output.
- + Equipped with custom Fane drivers.
- + Elliptic 80° x 60°, low resonance glass fibre horn.
- + Void-free birch plywood enclosure construction.
- + Twin Neutrik Speakon NL4 connectors.

APPLICATIONS

- + KTV applications.
- + Bars and restaurants.
- + Clubs, live music venues and theatres
- + Leisure and retail outlets.
- + Auditoriums, offices and conferences.



SA-12

12-INCH, TWO-WAY, PASSIVE KTV LOUDSPEAKER SYSTEM

The SA-12 represents FANE’s dedication to crafting premium-grade, high-powered full-range speakers tailored for upscale KTV venues, clubs, and dynamic nightclubs, meticulously designed for delivering top-tier performance.

At its forefront, the SA-12 features a 12-inch low-frequency driver with a bespoke 3-inch (76.2mm) voice coil from FANE, Harmoniously paired with a 1.75-inch compression driver with composite polymer diaphragm for precise and clear high-frequency delivery. These elements seamlessly integrate to offer a smooth frequency response, spanning from 50Hz to 20kHz (-10dB), while maintaining phase coherence. The high frequencies are channeled through a striking large horn with a consistent 80° (H) × 60° (V) constant directivity, ensuring even sound projection.

Designed to cater to various installation requirements, the SA-12 has practical M10 mounting points on its top and sides. Its versatile pole mount adds further adaptability. With a sensitivity of 96dB and an AES power rating of 450W, the SA-12 employs a rear-ported enclosure design which effectively minimizes group delay in the low-frequency range, enhancing the perception of low-frequency speed and reducing nonlinear distortion. The outcome is a captivating and agile low-frequency impact that effortlessly resonates in any acoustic environment.

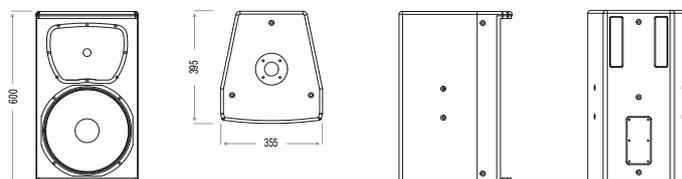
The SA-12 excels in delivering rich and inviting mid-low frequencies, which harmonize beautifully with the clarity and brightness of its mid-high frequencies. While SA-12 shines as a standalone sound reinforcement speaker it intergrades seamlessly with any of the FPA subwoofers.

Constructed from 15mm birch plywood, finished in a durable black water-based paint. Two NL-4 sockets for seamless connectivity. Rotatable logo for versatility, fitted with a black perforated iron grille lined with acoustically transparent fabric.



Power Handling Program Peak	450 W (AES) 900 W 1800 W
Nominal Impedance	8 Ω
Average Sensitivity	96 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	122 dB (continuous) 125 dB (program) 128 dB (peak)
Frequency Response (-6dB)	50 Hz - 18 kHz
Manufacturing Consistency	200 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	80° (H) x 60° (V)
Recommended Amplifier	≤ 800 W @ 8Ω (no clip) in specified frequency response
Recommended Low Cut Full Range: with Sub:	50 Hz, 18 dB/ oct Butterworth 70 to 140 Hz, 24 dB/ oct Linkwitz-Riley
Crossover	Passive @ 2.2 kHz
Low Frequency Driver	Fane transducer, 8Ω impedance, 12" (300 mm) diameter, 3" high temperature voice coil on glass fibre former
High Frequency Driver	Fane 1" (25 mm) exit, 1.75" (44 mm) voice coil, polymer diaphragm

Flying Hardware	13x M8 Internal mounting points 6x M10 Internal mounting points
Pole Mount	35 mm
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 15 mm void-free, exterior grade, birch plywood
Finish	Black water-based paint
Cabinet Size (HxWxD)	600 x 355 x 395 mm
Shipping Carton Size (HxWxD)	690 x 405 x 445 mm
Weight	22.5 kg net 25 kg gross



CK-10

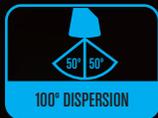
CK SERIES



OVERLOAD PROTECTION



POINT SOURCE



100° DISPERSION



REAR PORTED



PD DRIVERS



ACOUSTIC HORN DESIGN

FEATURES

- + Precision Devices 1.75 inch (44mm) voice coil non-metallic diaphragm tweeter.
- + High-efficiency and high-rigidity cone-shaped paper cone 10-inch woofer.
- + 100° × 70° coverage angle achieves uniform response on-axis and off-axis.
- + The enclosure is made of 15mm birch multi-layer plywood, and the surface is treated with wear-resistant paint.
- + Sonic Guard protection technology effectively protects the tweeter from overloading.
- + Built-in 35mm pole mount.
- + Preset universal mounting points.
- + Rotatable Logo.

APPLICATIONS

- + Party-style KTV sound reinforcement, night clubs.
- + Can be used as fill, system delay and diffusion for the main PA system.
- + Bars, restaurants, schools, offices, meeting rooms.
- + Leisure and entertainment venues, DJ back listening.
- + Theatre, Theatre Auxiliary Fill.



CK-10

10-INCH, TWO-WAY, PASSIVE LOUDSPEAKER SYSTEM

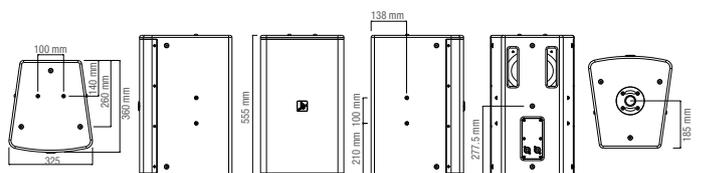
CK-10 is a high-performance, compact rear-ported speaker designed for use in venues like party-style KTV, KTV sound reinforcement, bars, nightclubs, and similar locations. It offers a very smooth frequency response range from 55Hz to 20kHz (-10dB) with a phase curve. The CK-10 enclosure features a trapezoidal design, housing a 10-inch woofer with a 63.5-core voice coil and a 1.75-inch ferrite tweeter mounted on the front. The tweeter is equipped with a 100° (H) × 70° (V) constant directivity horn.

The top and sides of the speaker are designed with M10 mounting holes for suspension installation, and the bottom support frame base serves various purposes. The CK-10 speaker has a sensitivity of 96dB, an AES power of 350W, and utilizes a compact enclosure design with rear-ported ports. This design significantly reduces the group delay of the low-frequency range, enhancing the sense of speed in the low frequencies and reducing non-linear distortion. As a result, it achieves a balance between speed, power, and thickness in the low frequencies, delivering a powerful and elastic low-frequency effect and ensuring exceptional performance in any environment.



Power Handling Program Peak	350 W (AES) 700 W 1400 W
Nominal Impedance	8 Ω
Average Sensitivity	96 dB @ 1W/1m
Calculated Maximum SPL / 1m	121 dB (continuous) 124 dB (program) 127 dB (peak)
Frequency Response	80 Hz - 19 kHz (±3 dB) 55 Hz - 20 kHz (-10 dB)
Manufacturing Consistency	200 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	100° (H) x 70° (V)
Recommended Amplifier	≥ 800 W @ 8Ω (no clip) in specified frequency response
Recommended Low Cut Full Range: with Sub:	55 Hz, 18 dB/ oct Butterworth 70 to 140 Hz, 24 dB/ oct Linkwitz-Riley
Low Frequency Driver	Precision Devices ferrite transducer, 8Ω, 10" (250 mm) diameter, 2.5" high temperature voice coil on glass fibre former
High Frequency Driver	Precision Devices neodymium compression driver, 25 mm throat size, 1.75" (44 mm) voice coil, 8Ω

Flying Hardware	13x M8 Internal mounting brackets 6x M10 Internal mounting brackets
Pole Mount	35mm
Connectors	2 Neutrik Speakon NL4MP
Cabinet	CNC made with tongue and groove assembly, 15 mm void-free, exterior grade, birch plywood
Finish	Black, water-based paint
Cabinet Size (HxWxD)	555 x 325 x 360 mm
Shipping Carton Size (HxWxD)	635 x 402 x 440 mm
Weight	17 kg net 19 kg gross



CK-12

CK SERIES



HORIZONTAL
COVERAGE

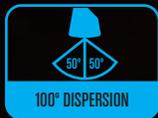
VERTICAL
COVERAGE



OVERLOAD PROTECTION



POINT SOURCE



100° DISPERSION



REAR PORTED



PD / FANE DRIVERS



ACOUSTIC HORN DESIGN

FEATURES

- + Precision Devices 1.75 inch (44mm) voice coil non-metallic diaphragm tweeter.
- + High-efficiency and high-rigidity cone-shaped paper cone 12-inch woofer.
- + 100° × 70° coverage angle achieves uniform response on-axis and off-axis.
- + The enclosure is made of 15mm birch multi-layer plywood, and the surface is treated with wear-resistant paint.
- + Sonic Guard protection technology effectively protects the tweeter from overloading.
- + Built-in 35mm Pole Mount.
- + Preset universal mounting points.
- + Rotatable Logo.

APPLICATIONS

- + Party-style KTV sound reinforcement, night clubs.
- + Can be used as fill, system delay and diffusion for the main PA system.
- + Bars, restaurants, schools, offices, meeting rooms.
- + Leisure and entertainment venues, DJ back listening.
- + Theatre, Theatre Auxiliary Fill.



CK-12

12-INCH, TWO-WAY, PASSIVE LOUDSPEAKER SYSTEM

CK-12 is a high-performance, compact rear-ported speaker designed for use in venues such as party-style KTV, KTV sound reinforcement, bars, nightclubs, and similar locations. It offers a remarkably smooth frequency response range from 50Hz to 20kHz (-10dB) with an exceptionally flat phase curve. The CK-12 enclosure boasts a trapezoidal design, housing a 12-inch woofer with a 76.2-core voice coil and a 1.75-inch ferrite tweeter (provided by Precision Devices) mounted on the front. The tweeter is equipped with a 100° (H) × 70° (V) constant directivity horn.

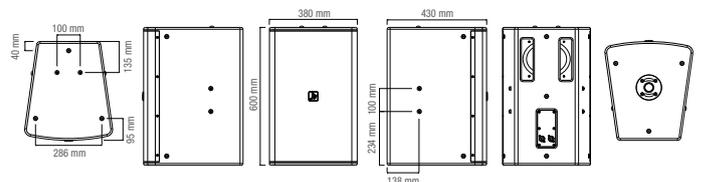
Both the top and sides of the speaker are thoughtfully designed with M10 mounting holes for suspension installation, while the bottom support frame base serves versatile purposes. The CK-12 speaker achieves a sensitivity of 97dB and an AES power rating of 450W. It employs a compact enclosure design featuring rear-ported ports. This design notably reduces the group delay within the low-frequency range, thus enhancing the perception of speed in the low frequencies and mitigating non-linear distortion. Consequently, it attains a harmonious equilibrium between speed, power, and richness in the low frequencies, imparting a robust and elastic low-frequency effect that guarantees exceptional performance in any environment.

The enclosure is meticulously crafted using 15mm birch plywood and finished with a resilient black water-based paint. The rear panel houses two NL-4 four-core sockets for connections (1+1- input, 2+2- link). The rotatable logo enhances suitability for various speaker angles. The black perforated iron grille is lined with acoustic fabric to effectively combat moisture and dust, all while safeguarding the speaker units.



Power Handling Program Peak	450 W (AES) 900 W 1800 W
Nominal Impedance	8 Ω
Average Sensitivity	97 dB @ 1W/1m
Calculated Maximum SPL / 1m	123 dB (continuous) 126 dB (program) 129 dB (peak)
Frequency Response	65 Hz - 19 kHz (±3 dB) 55 Hz - 20 kHz (-10 dB)
Manufacturing Consistency	200 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	100° (H) x 70° (V)
Recommended Amplifier	≥ 800 W @ 8Ω (no clip) in specified frequency response
Recommended Low Cut Full Range: with Sub:	50 Hz, 18 dB/ oct Butterworth 60 to 140 Hz, 24 dB/ oct Linkwitz-Riley
Low Frequency Driver	Fane ferrite transducer, 8Ω, 12" (300 mm) diameter, 3" high temperature voice coil on glass fibre former
High Frequency Driver	Precision Devices neodymium compression driver, 25 mm throat size, 1.75" (44 mm) voice coil, 8Ω

Flying Hardware	13x M8 Internal mounting brackets 6x M10 Internal mounting brackets
Pole Mount	35mm
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 15 mm void-free, exterior grade, birch plywood
Finish	Black, water-based paint
Cabinet Size (HxWxD)	600 x 380 x 430 mm
Shipping Carton Size (HxWxD)	690 x 465 x 515 mm
Weight	21 kg net 24 kg gross



CK-15

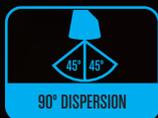
CK SERIES



OVERLOAD PROTECTION



POINT SOURCE



90° DISPERSION



FRONT PORTED



PD / FANE DRIVERS



ACOUSTIC HORN DESIGN

FEATURES

- + Precision Devices 1.75 inch (44mm) voice coil non-metallic diaphragm tweeter.
- + High-efficiency and high-rigidity cone-shaped paper cone 15-inch woofer.
- + 90° × 60° coverage angle achieves uniform response on-axis and off-axis.
- + The enclosure is made of 15mm birch multi-layer plywood, and the surface is treated with wear-resistant paint.
- + Sonic Guard protection technology effectively protects the tweeter from overloading.
- + Built-in 35mm Pole Mount.
- + Preset universal mounting points.
- + Rotatable Logo.

APPLICATIONS

- + Party-style KTV sound reinforcement, night clubs.
- + Can be used as fill, system delay and diffusion for the main PA system.
- + Bars, restaurants, schools, offices, meeting rooms.
- + Leisure and entertainment venues, DJ back listening.
- + Theatre, Theatre Auxiliary Fill.



CK-15

15-INCH, TWO-WAY, PASSIVE LOUDSPEAKER SYSTEM

CK-15 is a high-performance, compact front-ported speaker designed for use in venues such as party-style KTV, KTV sound reinforcement, bars, nightclubs, and similar locations. It offers an exceptionally smooth frequency response range from 55Hz to 20kHz (-10dB) with an impressively flat phase curve. The CK-15 enclosure features a trapezoidal design, housing a 15-inch woofer on the front and a 1.75-inch Precision Devices ferrite high-frequency driver. The high-frequency driver is accompanied by a 90° (H) x 60° (V) constant directivity horn.

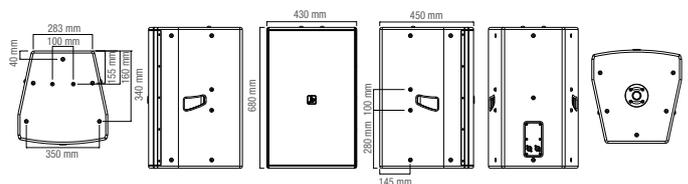
Both the top and sides of the speaker are equipped with M10 mounting holes for suspension installation, while the bottom support frame base serves a variety of purposes. The CK-15 speaker achieves a sensitivity of 98dB and an AES power rating of 600W. It employs a compact enclosure design with front-ported ports. This design effectively reduces the group delay in the low-frequency range, enhancing the perception of speed in the low frequencies and mitigating non-linear distortion. As a result, it achieves a harmonious balance between speed, power, and richness in the low frequencies, resulting in a dynamic and elastic low-frequency effect that excels in any environment.

The enclosure is meticulously constructed using 15mm multi-layer plywood and finished with a durable black water-based paint. The rear panel features two NL-4 four-core sockets for connections (1+1- input, 2+2- link). The rotatable logo enhances suitability for various speaker angles. The black perforated iron grille is lined with acoustic fabric to effectively combat moisture and dust, all while safeguarding the transducer components.



Power Handling Program Peak	600 W (AES) 1200 W 2400 W
Nominal Impedance	8 Ω
Average Sensitivity	98 dB @ 1W/1m
Calculated Maximum SPL / 1m	125 dB (continuous) 128 dB (program) 131 dB (peak)
Frequency Response	75 Hz - 20 kHz (±3 dB) 55 Hz - 20 kHz (-10 dB)
Manufacturing Consistency	200 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	90° (H) x 60° (V)
Recommended Amplifier	≥ 1200 W @ 8Ω (no clip) in specified frequency response
Recommended Low Cut Full Range: with Sub:	50 Hz, 18 dB/oct Butterworth 60 to 140 Hz, 24 dB/oct Linkwitz-Riley
Low Frequency Driver	Fane ferrite transducer, 8Ω, 15" (380 mm) diameter, 3" high temperature voice coil on glass fibre former
High Frequency Driver	Precision Devices neodymium compression driver, 25 mm throat size, 1.75" (44 mm) voice coil, 8Ω impedance

Flying Hardware	21x M8 Internal mounting brackets 6x M10 Internal mounting brackets
Pole Mount	35mm
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 15 mm void-free, exterior grade, birch plywood
Finish	Black, water-based paint
Cabinet Size (HxWxD)	680 x 430 x 450 mm
Shipping Carton Size (HxWxD)	780 x 550 x 570 mm
Weight	26.5 kg net 29.5 kg gross



HP-12

HP SERIES



HORIZONTAL
COVERAGE



VERTICAL
COVERAGE



OVERLOAD PROTECTION



POINT SOURCE



90° DISPERSION



FRONT PORTED



PD DRIVERS



ACOUSTIC HORN DESIGN

FEATURES

- + Precision Devices 3 inch (75mm) voice coil composite metal diaphragm ferrite tweeter.
- + Precision Devices High-efficiency and high-rigidity cone 12-inch woofer.
- + 90° × 60° coverage angle achieves uniform response on-axis and off-axis.
- + Constructed with 18mm multi-layer plywood, surface treated with wear-resistant paint.
- + Sonic Guard protection technology effectively protects the tweeter from overloading.
- + Built-in 35mm pole mount.
- + Preset universal mounting points.
- + Rotatable Logo.

APPLICATIONS

- + Party-style KTV, sound reinforcement, night clubs.
- + Can be used as fill, system delay and diffusion for the main PA system.
- + Bars, restaurants, schools, offices, meeting rooms.
- + Leisure and entertainment venues, DJ monitoring.
- + Theatre, Theatre Auxiliary Fill.



HP-12

12-INCH, TWO-WAY, PASSIVE KTV LOUDSPEAKER SYSTEM

The HP-12 is a high-performance, compact front-ported speaker designed for use in venues such as party-style KTV, sound reinforcement, bars, nightclubs, and similar venues.

HP-12 delivers a remarkably smooth frequency range from 60Hz to 20kHz (-10dB) with an exceptionally flat phase curve. The HP-12 enclosure features a trapezoidal design with wedge functionality, providing versatility for both main sound reinforcement and monitoring applications. The front of the HP-12 accommodates a 12-inch, Precision Devices, low-frequency driver with a 76.2mm voice coil along with a 3-inch ferrite high-frequency driver mounted on a 90° (H) × 60° (V) constant directivity horn.

Both the top and sides of the speaker are equipped with M10 mounting holes for suspension installation, and a 35mm pole mount to the base.

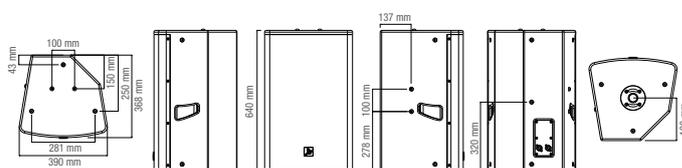
The HP-12 speaker achieves a sensitivity of 97dB, an AES power of 500W, As a result, it achieves a harmonious balance between speed, power, and thickness in the low frequencies, resulting in a dynamic and elastic low-frequency effect that excels in any environment.

The enclosure is constructed from 18mm plywood and finished with a durable black water-based paint. Two ergonomic handles are installed on either side of the speaker to facilitate installation and transportation. The rear panel features two NL-4 four-core sockets for connections (1+1- input, 2+2- link). The rotatable logo enhances suitability for various speaker angles. The black perforated iron grille is lined with acoustic fabric to effectively combat moisture and dust, all while safeguarding the speaker units.



Power Handling Program Peak	500 W (AES) 1000 W 2000 W
Nominal Impedance	8 Ω
Average Sensitivity	97 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	124 dB (continuous) 127 dB (program) 130 dB (peak)
Frequency Response (-6dB)	65 Hz - 19 kHz (±3 dB) 60 Hz - 20 kHz (-10 dB)
Manufacturing Consistency	200 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	90° (H) × 60° (V)
Recommended Amplifier	≥ 800 W @ 8Ω (no clip) in specified frequency response
Recommended Low Cut Full Range: with Sub:	60 Hz, 18 dB/ oct Butterworth 80 to 140 Hz, 24 dB/ oct Linkwitz-Riley
Crossover	2 way passive
Low Frequency Driver	Precision Devices ferrite transducer, 8Ω, 12" (300 mm) diameter, 3" high temperature voice coil on glass fibre former
High Frequency Driver	Precision Devices compression driver, 36 mm throat size, 3" (75 mm) voice coil, 8Ω

Flying Hardware	13x M8 Internal mounting brackets 4x M10 Internal mounting brackets
Pole Mount	35 mm
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 25mm and 18 mm void-free, exterior grade, birch plywood
Finish	Black water-based paint
Cabinet Size (HxWxD)	640 x 390 x 368 mm
Shipping Carton Size (HxWxD)	730 x 480 x 440 mm
Weight	28 kg net 30 kg gross



HP-15

HP SERIES



HORIZONTAL
COVERAGE



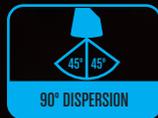
VERTICAL
COVERAGE



OVERLOAD PROTECTION



POINT SOURCE



90° DISPERSION



FRONT PORTED



PD DRIVERS



ACOUSTIC HORN DESIGN

FEATURES

- + Precision Devices 3 inch (75mm) voice coil composite metal diaphragm ferrite tweeter.
- + Precision Devices High-efficiency and high-rigidity cone 15-inch woofer.
- + 90° × 60° coverage angle achieves uniform response on-axis and off-axis.
- + Constructed with 25mm / 18mm multi-layer plywood, surface treated with wear-resistant paint.
- + Sonic Guard protection technology effectively protects the tweeter from overloading.
- + Built-in 35mm pole mount.
- + Preset universal mounting points.
- + Rotatable Logo.

APPLICATIONS

- + Party-style KTV, sound reinforcement, night clubs.
- + Can be used as fill, system delay and diffusion for the main PA system.
- + Bars, restaurants, schools, offices, meeting rooms.
- + Leisure and entertainment venues, DJ monitoring.
- + Theatre, Theatre Auxiliary Fill.



HP-15

15-INCH, TWO-WAY, PASSIVE KTV LOUDSPEAKER SYSTEM

The HP15 is a high-performance, compact front-ported speaker designed for deployment in venues such as party-style KTV rooms, sound reinforcement, bars, nightclubs, and similar settings. It offers an impressively smooth frequency response from 55Hz to 20kHz (-10dB), maintaining a remarkably flat phase curve.

The HP15 enclosure features a trapezoidal design with wedge functionality, providing versatility for both main sound reinforcement and monitoring functions. The front of the HP15 houses a 15-inch low-frequency driver with a 76.2mm voice coil, coupled with a 3-inch voice coil ferrite high-frequency driver couples to a 90° (H) × 60° (V) constant directivity horn. Both the top and sides of the speaker are equipped with M10 mounting holes for suspension installation and a 35mm pole mount to the base.

The HP15 exhibits a sensitivity of 98dB and an AES power rating of 550W. The compact enclosure design with front-ported ports is design to minimizes group delay in the low-frequency range, enhancing the sense of speed in the lows and mitigating non-linear distortion. As a result, it strikes a harmonious balance between speed, power, and depth in the low frequencies, delivering a dynamic and responsive low end that excels in any environment.

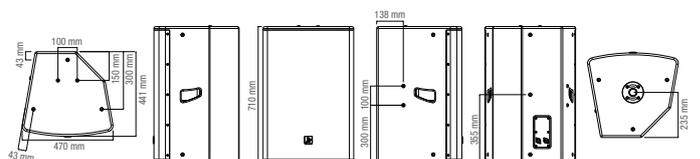
The enclosure is constructed with a 25mm front baffle for rigidity and 18mm plywood enclosure, finished with a durable black water-based paint. Two ergonomic handles, positioned on either side of the speaker to facilitate easy installation and transportation.

The rear panel features two NL-4 four sockets for connections (1+1- input, 2+2- link). The rotatable logo enhances suitability for various speaker angles. The black perforated iron grille is lined with acoustic fabric to effectively counter moisture and dust, ensuring the safeguarding of the speaker units.

Power Handling Program Peak	550 W (AES) 1100 W 2200 W
Nominal Impedance	8 Ω
Average Sensitivity	98 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	125 dB (continuous) 128 dB (program) 131 dB (peak)
Frequency Response (-6dB)	60 Hz - 19 kHz (±3 dB) 55 Hz - 20 kHz (-10 dB)
Manufacturing Consistency	200 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	90° (H) x 60° (V)
Recommended Amplifier	≥ 800 W @ 8Ω (no clip) in specified frequency response
Recommended Low Cut Full Range: with Sub:	55 Hz, 18 dB/ oct Butterworth 70 to 140 Hz, 24 dB/ oct Linkwitz-Riley
Crossover	N/A
Low Frequency Driver	Precision Devices ferrite transducer, 8Ω, 15" (380 mm) diameter, 3" high temperature voice coil on glass fibre former
High Frequency Driver	Precision Devices compression driver, 36 mm throat size, 3" (75 mm) voice coil, 8Ω

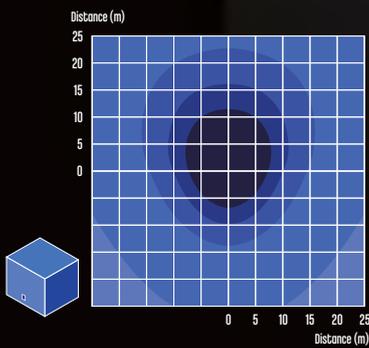


Flying Hardware	13x M8 Internal mounting brackets 4x M10 Internal mounting brackets
Pole Mount	35 mm
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 18 mm void-free, exterior grade, birch plywood
Finish	Black water-based paint
Cabinet Size (HxWxD)	710 x 470 x 441 mm
Shipping Carton Size (HxWxD)	800 x 550 x 528 mm
Weight	39 kg net 41 kg gross

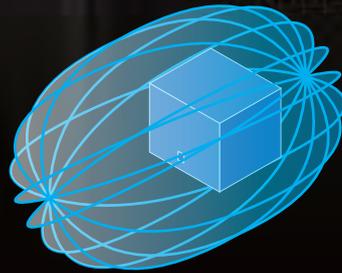


HP-118

HP SERIES



SPL COVERAGE OF HP-118 SPEAKER



FEATURES

- + Precision Devices High-efficiency and high-rigidity cone 18-inch woofer.
- + Ported cabinet.
- + Ergonomic built-in handle.
- + Warm vibrant bass.

APPLICATIONS

- + Party-style KTV, bar, nightclub.
- + High-end clubs, clubs, concert halls.
- + Restaurant, school, church, meeting rooms.
- + Leisure and entertainment venues, performing arts centres and theatres.



HP-118

18-INCH, PASSIVE SUBWOOFER SYSTEM

The HP-118 is a high-efficiency ported subwoofer featuring a single 18-inch driver. It offers a frequency range of 30Hz to 200Hz (-10dB) and is designed to complement the HP series full-range speakers or other similar series. Its purpose is to extend the low-frequency response of sound reinforcement systems.

Utilizing a high-power low-frequency driver with a 4-inch (100mm) voice coil from Precision Devices. The HP-118 port design and large exit area significantly reduces the typical airflow noise associated with conventional low-frequency cabinet designs during dynamic operation, enhancing the efficiency of the tuned ports output. This results in increased energy output in the ultra-low-frequency range and reduced low-frequency non-linear distortion. The high transient low-frequency driver strikes a perfect balance between power and delivery in the low frequency domain.

HP-118, boasting a 1000W AES power rating can achieve an impressive peak sound pressure level of 132dB.

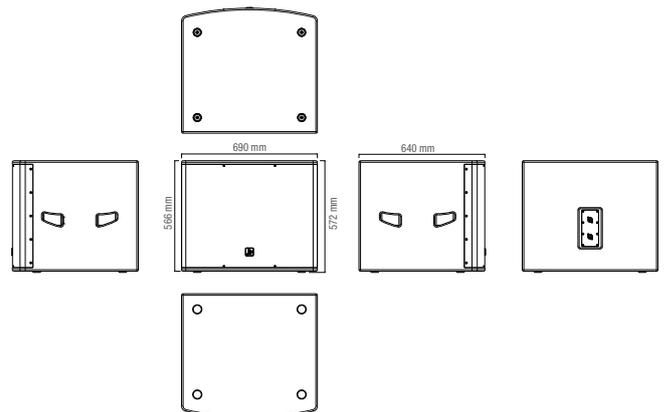
Featuring two recessed wooden handles on each side of the enclosure for convenient stacking or transportation. The enclosure's bottom is equipped with four rubber feet, while the top yields four footpad recesses, facilitating easy stacking of subwoofers for array configurations. The enclosure's surface is coated with a durable black water-based semi-gloss paint, and it is constructed using 18mm plywood.

The black perforated iron grille is lined with acoustic fabric, effectively safeguarding the speaker unit while preventing the accumulation of moisture and dust.



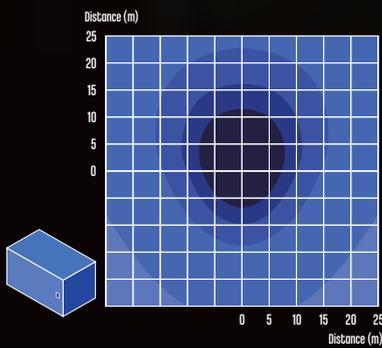
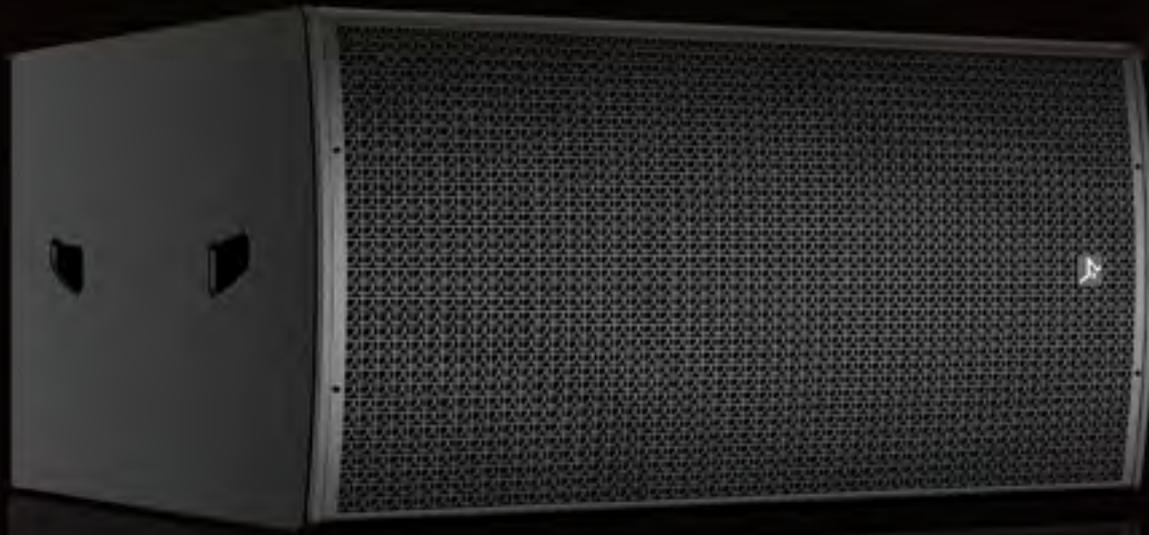
Power Handling Program Peak	1000 W (AES) 2000 W 4000 W
Nominal Impedance	8 Ω
Average Sensitivity	97 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	126 dB (continuous) 129 dB (program) 132 dB (peak)
Frequency Response (-6dB)	35 Hz - 200 Hz (±3 dB) 30 Hz - 200 Hz (-10 dB)
Manufacturing Consistency	35 Hz to 200Hz (±3 dB)
Nominal Directivity (-6dB)	Omnidirectional
Recommended Amplifier	≥ 1600 W @ 8Ω
Recommended Crossover	LPF 70 - 125 Hz, 24 dB/ Oct Butterworth/ Linkwitz-Riley
Crossover	No, active usage only, Fane recommended DSP
Low Frequency Driver	Precision Devices ferrite transducer, 8Ω impedance, 18" (460 mm) diameter, 4" high temperature voice coil on glass fibre former

Pole Mount	N/A
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 18 mm void-free, exterior grade, birch plywood
Finish	Black water-based paint
Cabinet Size (HxWxD)	572 x 690 x 640 mm
Shipping Carton Size (HxWxD)	670 x 785 x 735 mm
Weight	46 kg net 49 kg gross

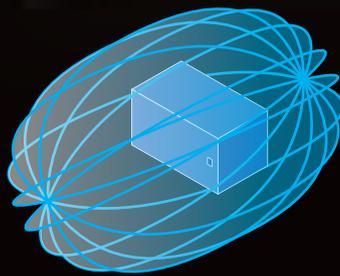


HP-218

HP SERIES



SPL COVERAGE OF HP-218 SPEAKER



FEATURES

- + Precision Devices High-efficiency and high-rigidity cone 18-inch woofer.
- + Ported enclosure.
- + Ergonomic built-in handle.
- + Warm vibrant bass.

APPLICATIONS

- + Party-style KTV, bar, nightclub.
- + High-end clubs, clubs, concert halls.
- + Restaurant, school, church, meeting rooms.
- + Leisure and entertainment venues, performing arts centres, theatres.



HP-218

DUAL 18-INCH, PASSIVE SUBWOOFER SYSTEM

The HP-218 is a high-efficiency dual 18-inch ported subwoofer featuring two low distortion 18-inch woofers. It offers a frequency range of 28Hz to 200Hz (-10dB) and is designed to complement the HP series full-range speakers or other similar series. Its purpose is to extend the low-frequency response of sound reinforcement systems. It is also well suited to compliment any of the FPA bass products for ultimate bass reinforcement.

Utilizing two high-power low-frequency drivers with a 4-inch (100mm) voice coil from Precision Devices. Equipped with effective ventilation in their magnetic circuit structure, which efficiently lowers the operating temperature of the drivers during high-power usage, thus reducing instances of power compression in the speaker. The HP-218 port design, internal structure and large exit area significantly reduces the typical airflow noise associated with conventional low-frequency cabinet designs during dynamic operation, enhancing the efficiency of the tuned ports output, resulting in increased energy output in the ultra-low-frequency range and reduced low-frequency non-linear distortion. The high transient low-frequency driver strikes a perfect balance between power and delivery in the low frequency domain.

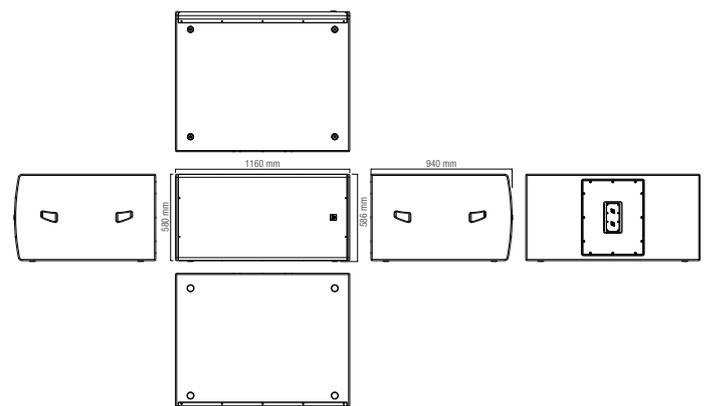
HP-218, boasting a 2000W AES power rating can achieve an impressive peak sound pressure level of 136dB.

Featuring two recessed wooden handles on each side of the enclosure for convenient stacking or transportation. The enclosure's bottom is equipped with four rubber feet, while the top yields four footpad recesses, facilitating easy stacking of subwoofers for array configurations. The enclosure's surface is coated with a durable black water-based semi-gloss paint, and it is constructed using 18mm plywood. The enclosure's surface is coated with a durable black water-based semi-gloss paint, and it is constructed using 18mm plywood.



Power Handling Program Peak	2000 W (AES) 4000 W 8000 W
Nominal Impedance	4 Ω
Average Sensitivity	98 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	130 dB (continuous) 133 dB (program) 136 dB (peak)
Frequency Response (-6dB)	35 Hz - 200 Hz (±3 dB) 28 Hz - 200 Hz (-10 dB)
Manufacturing Consistency	35 Hz to 200 kHz (±3 dB)
Nominal Directivity (-6dB)	Omnidirectional
Recommended Amplifier	≥ 1600 W @ 8Ω
Recommended Crossover	LPF 70 - 125 Hz, 24 dB/ Oct Butterworth/ Linkwitz-Riley
Crossover	No, active usage only, Fane recommended DSP
Low Frequency Driver	2 Precision Devices ferrite transducer, 8Ω impedance, 18" (460 mm) diameter, 4" high temperature voice coil on glass fibre former

Pole Mount	35 mm
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 18 mm void-free, exterior grade, birch plywood
Finish	Black water-based paint
Cabinet Size (HxWxD)	580 x 1160 x 940 mm
Shipping Carton Size (HxWxD)	700 x 1320 x 1040 mm
Weight	98 kg net 102 kg gross



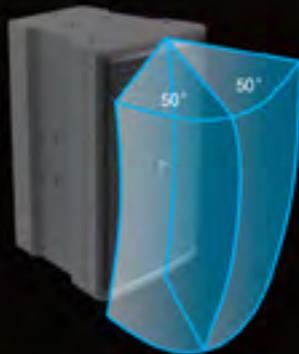
UK-810

MADE IN
ENGLAND

UK SERIES



HORIZONTAL
COVERAGE



VERTICAL
COVERAGE



OVERLOAD PROTECTION



POINT SOURCE



100° DISPERSION



REAR PORTED



PD / FANE DRIVERS



ACOUSTIC HORN DESIGN

FEATURES

- + 1.75-inch (44mm) voice-coil Precision Devices neodymium magnet compression driver.
- + 10-inch bass woofer featuring (63.5mm) voice coil and high-efficiency, high-rigidity paper cone.
- + A coverage angle of 100°×80°, achieving uniform axial and off-axis response.
- + Two-way speaker with a phase angle deviation within 180°.
- + 15 mm multi-layer birch plywood enclosure surface treated with a water-based paint
- + Sonic Guard protection technology.
- + Built-in 35 mm pole mount.
- + Preset universal lifting points for installation.
- + Rotatable logo.

APPLICATIONS

- + Sound reinforcement of KTVs, bars, nightclubs, auditoriums.
- + Side fill / delay fill / diffusion.
- + Bars, restaurants schools, offices meeting rooms.
- + Houses of worship.
- + Leisure and entertainment venues, retail outlets.
- + Theatre auxiliary sound.



UK-810

10-INCH, TWO-WAY, PASSIVE LOUDSPEAKER SYSTEM

The UK-810 stands as an innovative, compact, and versatile high-end speaker with rear-ported design. It offers a frequency response of 50Hz to 20kHz (-10 dB) and boasts an impressively smooth phase curve.

Designed in a trapezoidal shape, the UK-812 enclosure features the distinctive FANE logo, showcasing the brand's identity. Sporting a 10-inch bass unit with a 2.5-inch (63.5mm) voice coil and a 1.75-inch neodymium high-frequency unit mounted on a 100°×80° constant directivity horn, the UK-810 ensures exceptional audio performance. Its enclosure comes equipped with M8 internal mounting points on the top and sides, enabling effortless hanging installation. Additionally, a 35mm pole mount enhances its versatility across various applications. With an average sensitivity of 96dB and an AES power handling capacity of 400W, the UK-810 stands ready for demanding scenarios.

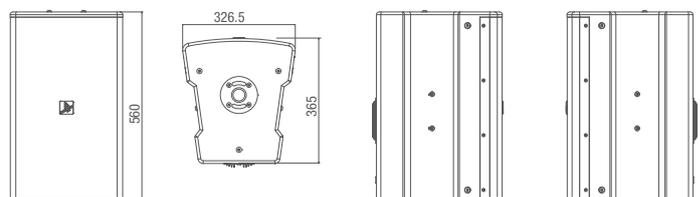
The UK-810 speaker system adopts a compact box design, augmented by rear vented ports. This configuration optimally reduces group delay in the low-frequency range, resulting in improved speed and reduced non-linear distortion. This translates to a lively, warm bass reproduction that excels in any environment. The cabinet is expertly crafted from 15mm birch plywood, adorned with a resilient black water-based finish for durability. Connectivity is facilitated by two Neutrik NL-4 sockets (1+1-input, 2+2-link) on the rear connector plate.

A unique feature of the UK-810 is its rotatable logo on the front grille, allowing it to be positioned at any angle for optimal visibility. The grille itself is reinforced with acoustically transparent cotton, effectively shielding internal components from rain and dust while maintaining exceptional sound quality.



Power Handling Program Peak	400 W (AES) 800 W 1600 W
Nominal Impedance	8 Ω
Average Sensitivity	96 dB @ 1W/1m
Calculated Maximum SPL / 1m	121 dB (continuous) 124 dB (program) 127 dB (peak)
Frequency Response	75 Hz - 19 kHz (±3 dB) 55 Hz - 20 kHz (-10 dB)
Manufacturing Consistency	50 Hz - 19 kHz (±3 dB)
Nominal Directivity (-6dB)	100° (H) x 80° (V)
Recommended Amplifier	≥ 500 W @ 8Ω (no clip) in specified frequency response
Recommended Low Cut Full Range: with Sub:	55 Hz, 18 dB/ oct Butterworth 70 to 140 Hz, 24 dB/ oct Linkwitz-Riley
Crossover	Passive @ 1.9 kHz
Low Frequency Driver	Fane transducer, 8Ω impedance, 10" (254 mm) diameter, high temperature voice coil on glass fibre former
High Frequency Driver	Precision Devices 1.75" (44 mm) voice coil, neodymium magnet, 8Ω impedance compression driver

Flying Hardware	14x M8x Internal mounting brackets 6x M10x Internal mounting brackets
Pole Mount	35mm
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 15 mm void-free, exterior grade, birch plywood
Finish	Black water-based paint
Cabinet Size (HxWxD)	560 x 326.5 x 365 mm
Shipping Carton Size (HxWxD)	640 x 402 x 440 mm
Weight	18 kg net 20 kg gross



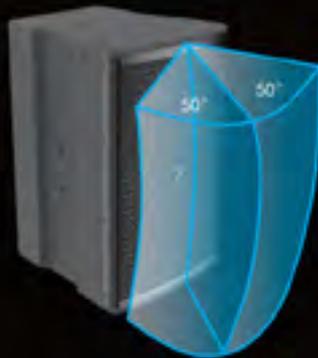
UK-812

MADE IN
ENGLAND

UK SERIES



HORIZONTAL
COVERAGE



VERTICAL
COVERAGE



OVERLOAD PROTECTION



POINT SOURCE



100° DISPERSION



POST INVERSION



PD / FANE DRIVERS



ACOUSTIC HORN DESIGN

FEATURES

- + 1.75-inch (44mm) voice-coil Precision Devices neodymium magnet compression driver.
- + 12-inch bass woofer featuring 76.2mm voice coil.
- + A coverage angle of 100°×80°, achieving uniform axial and off-axis response.
- + Phase response deviation within 180°.
- + 15 mm multi-layer birch plywood enclosure surface treated with a wear-resistant water-based paint.
- + Sonic Guard protection technology.
- + Built-in 35 mm pole mount.
- + Preset universal lifting points for installation.
- + Rotatable logo.

APPLICATIONS

- + Sound reinforcement of KTVs, bars, nightclubs, auditoriums.
- + Side fill / delay fill / diffusion.
- + Bars, restaurants schools, offices, meeting rooms.
- + Houses of worship.
- + Leisure and entertainment venues, retail outlets.
- + Theatre auxiliary sound.



UK-812

12-INCH, TWO-WAY, PASSIVE LOUDSPEAKER SYSTEM

The UK-812 stands as a compact, innovative, and versatile high-end rear-ported speaker tailored for enhancing audio experiences in KTVs, bars, nightclubs, and entertainment venues. With a frequency response of 45 Hz to 20 kHz (-10 dB) and a remarkably smooth phase curve, it delivers outstanding sound quality.

The UK-812 enclosure adopts a trapezoidal design, accentuated by the prominent FANE logo, reflecting the brand's identity. It boasts a 12-inch bass driver featuring a (76.2 mm) voice coil, alongside a 1.75-inch neodymium magnetic compression driver situated on a 100°x80° constant-directivity horn. For ease of installation, the enclosure incorporates M8 internal mounting points on the top and sides, facilitating effortless hanging. Furthermore, the inclusion of a 35mm pole mount enhances its adaptability across various applications. With an average sensitivity of 98 dB and an AES power handling capability of 500W, the UK-812 is well-equipped to meet demanding audio requirements.

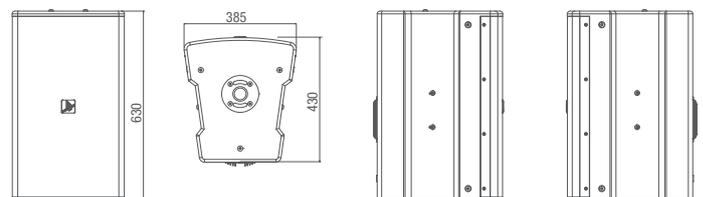
The UK-812's speaker system employs a box design that cleverly combines a small volume with rear vented porting. This configuration effectively reduces group delay in the low-frequency range, enhancing speed and minimizing non-linear distortion. The result is a rich, lively bass reproduction that resonates seamlessly across different environments. Crafted from 15mm birch plywood and coated with a durable black water-based paint, the enclosure exudes both resilience and aesthetics. Connectivity is facilitated by two Neutrik NL-4 sockets (1+1-input, 2+2-link) situated on the rear connector plate.

A feature of the UK-812 is its rotatable logo on the front grille, allowing it to be adjusted to suit various angles for optimal visibility. The grille itself is reinforced with acoustically transparent cotton, effectively safeguarding internal components while maintaining exceptional sound quality.



Power Handling Program Peak	500 W (AES) 1000 W 2000 W
Nominal Impedance	8 Ω
Average Sensitivity	98 dB @ 1W/1m
Calculated Maximum SPL / 1m	125 dB (continuous) 128 dB (program) 131 dB (peak)
Frequency Response	65 Hz - 19 kHz (±3 dB) 45 Hz - 20 kHz (-10 dB)
Manufacturing Consistency	55 Hz - 19 kHz (±3 dB)
Nominal Directivity (-6dB)	100° (H) x 80° (V)
Recommended Amplifier	≥ 600 W @ 8Ω (no clip) in specified frequency response
Recommended Low Cut Full Range: with Sub:	40 Hz, 18 dB/ oct Butterworth 70 to 140 Hz, 24 dB/ oct Linkwitz-Riley
Crossover	Passive @ 1.9 kHz
Low Frequency Driver	Fane transducer, 8Ω impedance, 12" (304.8 mm) diameter, high temperature voice coil on glass fibre former
High Frequency Driver	Precision Devices 1.75" (44 mm) voice coil, neodymium magnet, 8Ω impedance compression driver

Flying Hardware	x14 M8 Internal mounting brackets x6 M10 Internal mounting brackets
Pole Mount	35mm
Connectors	2 Neutrik Speakon NL4MP
Cabinet	CNC made with tongue and groove assembly, 15 mm void-free, exterior grade, birch plywood
Finish	Black water-based paint
Cabinet Size (HxWxD)	630 x 385 x 430 mm
Shipping Carton Size (HxWxD)	710 x 483 x 501 mm
Weight	26 kg net 29 kg gross



SV-6

SV SERIES



FEATURES

- + Ultra-compact, ultra-versatile, passive 2-way system.
- + 150 W (AES) power handling.
- + 91 dB continuous SPL output.
- + 80° x 60° low resonance horn.
- + Equipped with premium Fane neodymium driver.
- + Void-free birch plywood enclosure construction.
- + Matt black, sand-based paint.
- + Twin Neutrik Speakon NL4 connectors.
- + 4x M8 mounting points with internal metal brackets.

APPLICATIONS

- + Install sound reinforcement.
- + Side fill / delay fill / diffusion.
- + Bars, restaurants and theatres.
- + Houses of worship.
- + Leisure and retail outlets.
- + Auditoriums, offices and conferences.



SV-6

6-INCH, TWO-WAY, PASSIVE LOUDSPEAKER SYSTEM

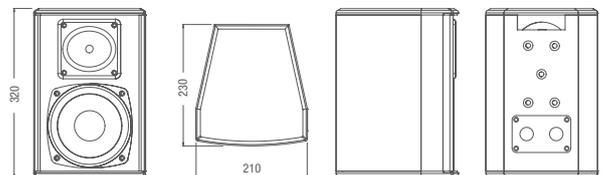
Don't be fooled by the small size of the SV-6. When it comes to high-output and flawless performance this discreet and ultra-compact neodymium speaker packs a massive punch while retaining the smooth and balanced tonal characteristics of Fane Pro Audio systems. When you are working with limited space or require seamless audio coverage transitioning into larger spaces, the SV-6 is ideal for smaller bar/restaurants, meeting spaces or schools.

Fitted with a powder coated protective steel grille fitted with an acoustic mesh backing, the SV-6 is constructed from tongue-and-groove assembly, void-free birch plywood and finished in a matt black, sand-based paint.



Power Handling	150 W (AES)
Program	300 W
Peak	600 W
Nominal Impedance	8 Ω
Average Sensitivity	91 dB @ 1W/1m
Calculated Maximum SPL / 1m	113 dB (continuous)
Program	116 dB (program)
Peak	119 dB (peak)
Frequency Response (-6dB)	70 Hz - 19 kHz
Manufacturing Consistency	180 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	80° (H) x 60° (V)
Recommended Amplifier	≤ 500 W @ 8Ω (no clip) in specified frequency response
Recommended Low Cut Full Range:	60 Hz 18 dB/ oct Butterworth
with Sub:	80 to 120 Hz, 24 dB/ oct Linkwitz-Riley
Crossover	Passive
Low Frequency Driver	Fane long throw neodymium transducer, 8Ω impedance, 6.5" (165 mm) diameter, 1.75" high temperature voice coil on glass fibre former
High Frequency Driver	Fane compression driver 8Ω impedance, 1" (25 mm) exit, 1.75" (44 mm) voice coil, titanium diaphragm

Flying Hardware	4x M8 points compatible with Powerdrive Type 75 mounting accessories or equivalent omni-mount system
Pole Mount	35 mm Metal
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 15 mm void-free, exterior grade, birch plywood
Finish	Matt black, sand-based paint
Cabinet Size (HxWxD)	320 x 210 x 230 mm
Shipping Carton Size (HxWxD)	370 x 260 x 280 mm
Weight	7.1 kg net 8.4 kg gross



SV-8

SV SERIES



FEATURES

- + 250 W (AES) power handling.
- + 119 dB continuous SPL output.
- + Equipped with premium Fane drivers.
- + Elliptic 80° x 60° constant directivity, low resonance, rotatable glass fibre horn.
- + Void-free birch plywood enclosure construction.
- + Matt black, sand-based paint.
- + Twin Neutrik Speakon NL4 connectors.
- + 5x M8 mounting points with internal metal brackets.
- + 4x M8 Powerdrive type-75 compatible mounting points.

APPLICATIONS

- + Install sound reinforcement.
- + DJ monitoring (with correct controller settings).
- + Side fill / delay fill / diffusion for main PA.
- + Bars and restaurants.
- + Clubs, live music venues and theatres.
- + Houses of worship.
- + Leisure and retail outlets.
- + Auditoriums, offices and conferences.



SV-8

8-INCH, TWO-WAY, PASSIVE LOUDSPEAKER SYSTEM

The SV-8 is a high-output, compact and versatile two-way system designed to fulfil a wide range of professional sound reinforcement requirements. Its highly refined, clean and balanced sound signature enables listening for hours without fatigue. Extensive development work has taken place on the phase-aligned passive crossover to ensure that the speakers do not rely heavily on DSP correction. They simply sound great even in direct plug-and-play situations.

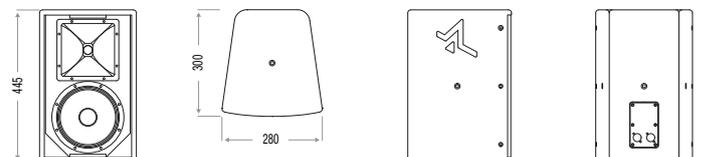
Ideal for near-field main PA reinforcement with a Fane Pro Audio SV series subwoofer, it is simple to use as a portable system or for permanent installations. The premium Fane 8" (2" voice coil) LF driver has been seamlessly blended with a 1" exit compression driver featuring a titanium diaphragm, mounted on a 80° x 60° constant directivity horn that delivers amazing audio over both short and medium throw distances in venues such as bars, clubs, houses of worship and auditoriums.

The SV-8 is fitted with a powder coated protective steel, hexagon pattern, grille fitted with an acoustic mesh backing and constructed from void-free birch plywood with tongue and groove assembly for maximum strength. Finished in matt black, sand-based paint as standard, the SV-8 can also be supplied in high-gloss 'piano black', 'piano white' or white, sand-based finishes, perfect for an extra touch of class in elegant high-end bars, clubs and offices.



Power Handling Program Peak	250 W (AES) 500 W 1000 W
Nominal Impedance	8 Ω
Average Sensitivity	95 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	119 dB (continuous) 122 dB (program) 125 dB (peak)
Frequency Response (-6dB)	58 Hz - 18.5 kHz
Manufacturing Consistency	200 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	80° (H) x 60° (V) rotatable
Recommended Amplifier	≤ 500 W @ 8Ω
Recommended Low Cut Full Range: with Sub:	50 Hz, 18 dB/ oct Butterworth 70 to 140 Hz, 24 dB/ oct Linkwitz-Riley
Crossover	Passive @ 3 kHz
Low Frequency Driver	Fane transducer, 8Ω impedance, 8" (200 mm) diameter, 2" high temperature voice coil on glass fibre former
High Frequency Driver	Fane compression driver 8Ω impedance, 1" (25 mm) exit, 1.75" (44 mm) voice coil, titanium diaphragm

Flying Hardware	5x M8 points with internal metal brackets, (Optional) 4x M8 points compatible with Powerdrive Type 75 mounting accessories or equivalent omni-mount system
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 15 mm void-free, exterior grade, birch plywood
Finish	Matt black, sand-based paint
Cabinet Size (HxWxD)	445 x 280 x 300 mm
Shipping Carton Size (HxWxD)	494 x 344 x 352 mm
Weight	10 kg net 11.5 kg gross



SV-10

SV SERIES



FEATURES

- + 300 W (AES) power handling.
- + 120 dB continuous SPL output.
- + Equipped with premium Fane drivers.
- + Elliptic 80° x 60° low resonance glass fibre horn.
- + Void-free birch plywood enclosure construction.
- + Matt black, sand-based paint.
- + Twin Neutrik Speakon NL4 connectors.
- + 10x M8 mounting points with internal metal brackets.
- + 4x M8 Powerdrive type-75 compatible mounting points.
- + 35 mm pole mount adapter.

APPLICATIONS

- + Portable / install sound reinforcement.
- + KTV applications.
- + Side fill / delay fill / diffusion for main PA.
- + Bars and restaurants.
- + Clubs, live music venues and theatres.
- + Houses of worship.
- + Leisure and retail outlets.
- + Auditoriums, offices and conferences.



SV-10

10-INCH, TWO-WAY, PASSIVE LOUDSPEAKER SYSTEM

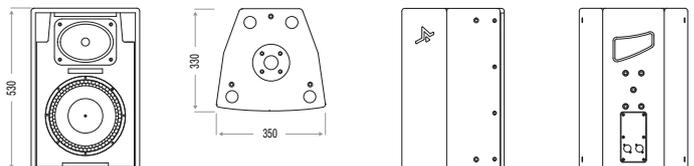
The Fane Pro Audio SV-10 is a two-way passive system that has been designed to give excellent sonic performance and accuracy from a compact and lightweight enclosure. Featuring a premium Fane 10" (3" voice coil), LF driver in combination with a 1", titanium diaphragm compression driver mounted to an elliptic 80° x 60° low-resonance horn. Extensive development has gone in to the SV-10's phase-aligned, passive crossover to ensure that the system does not require heavy DSP correction, sounding great straight out of the box, even in plug-and-play situations.

The SV-10 provides the perfect solution for smaller capacity venues or medium throw applications such as clubs, bars, houses of worship, post production and live music situations. Fitted with a powder coated protective steel grille fitted with an acoustic mesh backing, the SV-10 is constructed from tongue-and-groove void-free birch plywood and finished in a matt black, sand-based paint.



Power Handling Program Peak	300 W (AES) 600 W 1200 W
Nominal Impedance	8 Ω
Average Sensitivity	95 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	120 dB (continuous) 123 dB (program) 126 dB (peak)
Frequency Response (-6dB)	51 Hz - 18.5 kHz
Manufacturing Consistency	200 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	80° (H) x 60° (V)
Recommended Amplifier	≤ 600 W @ 8Ω
Recommended Low Cut Full Range: with Sub:	50 Hz, 18 dB/oct Butterworth 70 to 140 Hz, 24 dB/oct Linkwitz-Riley
Crossover	Passive @ 2.6 kHz
Low Frequency Driver	Fane transducer, 8Ω impedance, 10" (250 mm) diameter, 3" high temperature voice coil on glass fibre former
High Frequency Driver	Fane compression driver 8Ω impedance, 1" (25 mm) exit, 1.75" (44 mm) voice coil, titanium diaphragm

Flying Hardware	10x M8 points with internal metal brackets, 4x M8 points compatible with Powerdrive Type 75 mounting accessories or equivalent omni-mount system
Pole Mount	35 mm Metal
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 15 mm void-free, exterior grade, birch plywood
Finish	Matt black, sand-based paint
Cabinet Size (HxWxD)	530 x 350 x 330 mm
Shipping Carton Size (HxWxD)	594 x 414 x 394 mm
Weight	13 kg net 15 kg gross



SV-12

SV SERIES

FEATURES

- + 300 W (AES) power handling.
- + 122 dB continuous SPL output.
- + Equipped with premium Fane drivers.
- + Elliptic 80° x 60°, low resonance glass fibre horn.
- + Void-free birch plywood enclosure construction.
- + Matt black, sand-based paint.
- + Twin Neutrik Speakon NL4 connectors.
- + 12x M8 mounting points with internal metal brackets.
- + 35 mm pole mount adapter.

APPLICATIONS

- + Portable / install sound reinforcement.
- + Stage monitoring.
- + KTV applications.
- + Main PA / side fill / delay fill / diffusion.
- + Bars and restaurants.
- + Clubs, live music venues and theatres.
- + Houses of worship.
- + Leisure and retail outlets.
- + Auditoriums, offices and conferences.



SV-12

12-INCH, TWO-WAY, PASSIVE LOUDSPEAKER SYSTEM

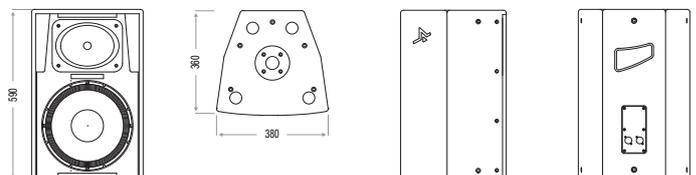
The SV-12 has been engineered and optimised to excel in all areas of professional sound reinforcement. Crisp and clean highs from the premium Fane 1" Exit HF driver, mounted to an elliptic 80° x 60° horn, seamlessly integrates with a highly detailed mid and low frequency response from the 12" (3" voice coil) LF driver to offer a balanced tonal signature that's packed with character. Thanks to the extensive development work on the SV series phase-aligned crossover components, the SV-12 is not reliant on heavy DSP correction, sounding great even in plug-and-play situations.

The SV-12 is constructed from 15 mm void-free birch plywood with tongue and groove assembly for added rigidity. The unit is finished, as standard, in matt black, sand-based paint with a powder coated protective steel hexagon pattern grille fitted with an acoustic mesh backing.



Power Handling Program Peak	300 W (AES) 600 W 1200 W
Nominal Impedance	8 Ω
Average Sensitivity	97 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	122 dB (continuous) 125 dB (program) 128 dB (peak)
Frequency Response (-6dB)	50 Hz - 19 kHz
Manufacturing Consistency	200 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	80° (H) x 60° (V)
Recommended Amplifier	≤ 600 W @ 8Ω
Recommended Low Cut Full Range: with Sub:	45 Hz, 18 dB/ oct Butterworth 60 to 140 Hz, 24 dB/ oct Linkwitz-Riley
Crossover	Passive @ 2.2 kHz
Low Frequency Driver	Fane transducer, 8Ω impedance, 12" (300 mm) diameter, 3" high temperature voice coil on glass fibre former
High Frequency Driver	1" (25 mm) exit, 1.75" (44 mm) voice coil, titanium diaphragm

Flying Hardware	12x M8 points with internal metal brackets
Pole Mount	35 mm Metal
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 15 mm void-free, exterior grade, birch plywood
Finish	Matt black, sand-based paint
Cabinet Size (HxWxD)	590 x 380 x 360 mm
Shipping Carton Size (HxWxD)	654 x 444 x 424 mm
Weight	20 kg net 23 kg gross



SV-15

SV SERIES



FEATURES

- + 600 W (AES) power handling.
- + 126 dB continuous SPL output.
- + Equipped with premium Fane drivers.
- + Elliptic 80° x 60°, low resonance glass fibre horn.
- + Void-free birch plywood enclosure construction.
- + Matt black, sand-based paint.
- + Twin Neutrik Speakon NL4 connectors.
- + 12x M8 mounting points with internal metal brackets.
- + 35 mm pole mount adapter.

APPLICATIONS

- + Portable / install sound reinforcement.
- + Stage monitoring.
- + KTV applications.
- + Main PA / side fill / delay fill / diffusion.
- + Bars and restaurants.
- + Clubs, live music venues and theatres.
- + Houses of worship.
- + Leisure and retail outlets.
- + Auditoriums, offices and conferences.



SV-15

15-INCH, TWO-WAY, PASSIVE LOUDSPEAKER SYSTEM

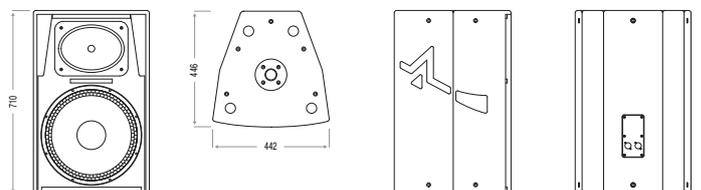
Featuring a powerful premium Fane 15" (3" voice coil) LF driver combined with a 1" Exit, titanium diaphragm HF driver mounted to an 80° x 60° horn. The SV-15 has been engineered to deliver exceptional high-output sonic performance in all areas of professional sound reinforcement. Detailed mid-range and low frequencies integrate seamlessly with crisp and clean high frequency response to provide a balanced tonal signature with immense character. As a full-range passive system the SV-15 can be used straight out of the box without the need for heavy DSP correction to maximise performance thanks to its highly optimised, phase-aligned crossover.

The SV-15 is constructed from 15 mm void-free birch plywood with tongue and groove assembly for added rigidity. The unit is finished, as standard, in a matt black, sand-based paint with a powder coated protective steel hexagon pattern grille fitted with an acoustic mesh backing.



Power Handling Program Peak	600 W (AES) 1200 W 2400 W
Nominal Impedance	8 Ω
Average Sensitivity	98 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	126 dB (continuous) 129 dB (program) 132 dB (peak)
Frequency Response (-6dB)	48 Hz - 19 kHz
Manufacturing Consistency	200 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	80° (H) x 60° (V)
Recommended Amplifier	≤ 1200 W @ 8Ω
Recommended Low Cut Full Range: with Sub:	40 Hz, 18 dB/ oct Butterworth 60 to 140 Hz, 24 dB/ oct Linkwitz-Riley
Crossover	Passive @ 2 kHz
Low Frequency Driver	Fane transducer, 8Ω impedance, 15" (380 mm) diameter, 3" high temperature voice coil on glass fibre former
High Frequency Driver	1" (25 mm) exit, 1.75" (44 mm) voice coil, titanium diaphragm

Flying Hardware	12x M8 points with internal metal brackets
Pole Mount	35 mm Metal
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 15 mm void-free, exterior grade, birch plywood
Finish	Matt black, sand-based paint
Cabinet Size (HxWxD)	710 x 442 x 446 mm
Shipping Carton Size (HxWxD)	772 x 506 x 510 mm
Weight	28 kg net 31 kg gross



SV-118S

SV SERIES



FEATURES

- + 800 W (AES) power handling.
- + 128 dB continuous SPL output.
- + Equipped with premium Fane driver.
- + 39 - 2500 Hz usable frequency range.
- + Void-free birch plywood enclosure construction.
- + Matt black, sand-based paint.
- + Twin Neutrik Speakon NL4 connectors.
- + 35 mm pole mount adapter.

APPLICATIONS

- + Fixed supplementary bass reinforcement for medium sized clubs, bars, live music venues and theatres.
- + Portable supplementary bass reinforcement for medium sized clubs, bars, live music venues and theatres.



SV-118S

18-INCH, PASSIVE SUBWOOFER SYSTEM

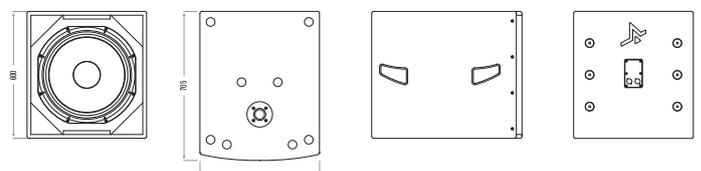
When you're looking for a high-performance sub with thunderous low-end output, the compact SV-118S will not disappoint. Delivering exceptional, powerful and controlled low frequency audio with superior SPL as low as 35 Hz with a useful upper bass capability. Loaded with a high-excursion, premium Fane 18" (4" voice coil) drive unit with advanced motor system design results in an extremely fast bass response time. Overall the SV-118S is durable, portable and has exceptional sound quality making it ideal for a whole range of professional applications.

Constructed from 18 mm exterior grade, void-free, birch plywood. Low vibration walls and optimised ports successfully reduce air noise increasing overall dynamics and performance at high-output levels. The unit is finished, as standard, in a matt black, sand-based paint with a powder coated protective steel hexagon pattern grille fitted with an acoustic mesh backing. The enclosure can be used either singly or stacked, four side handles are available for ease of handling along with a 35 mm pole-mount fitting for combination with SV-8, 12 or 15 top cabs. The units rubber feet resist movement from vibrations and also align with recesses on the topside of the enclosure increasing stability when stacking.



Power Handling	800 W (AES)
Program	1600 W
Peak	3200 W
Nominal Impedance	8 Ω
Average Sensitivity	99 dB @ 1W/1m
Calculated Maximum SPL / 1m	128 dB (continuous)
Program	131 dB (program)
Peak	134 dB (peak)
Frequency Response (-6dB)	30 Hz - 1.3 kHz
Manufacturing Consistency	100 Hz to 1 kHz (±3 dB)
Nominal Directivity (-6dB)	Omnidirectional
Recommended Amplifier	≤ 1600 W @ 8Ω
Recommended Crossover	LPF 70 - 125 Hz, 24 dB/ Oct Butterworth/ Linkwitz-Riley
Crossover	No, active usage only, Fane recommended DSP
Low Frequency Driver	Fane transducer, 8Ω impedance, 18" (460 mm) diameter, 4" high temperature voice coil on glass fibre former

Pole Mount	35 mm Metal
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 18 mm and 24 mm, exterior grade, void-free, birch plywood
Finish	Matt black, sand-based paint
Cabinet Size (HxWxD)	600 x 561 x 705 mm
Shipping Carton Size (HxWxD)	664 x 625 x 769 mm
Weight	45 kg net 50 kg gross
Optional Accessories	Wheelboard



SV-218S

SV SERIES

FEATURES

- + 1600 W (AES) power handling.
- + 134 dB continuous SPL output.
- + Equipped with premium Fane drivers.
- + 32 - 1300 Hz usable frequency range.
- + Void-free birch plywood enclosure construction.
- + Matt black, sand-based paint.
- + Twin Neutrik Speakon NL4 connectors.
- + 35 mm pole mount adapter.

APPLICATIONS

- + Fixed supplementary bass reinforcement for medium sized clubs, bars, live music venues and theatres.
- + Portable supplementary bass reinforcement for medium sized clubs, bars, live music venues and theatres.



SV-218S

DUAL 18-INCH, PASSIVE SUBWOOFER SYSTEM

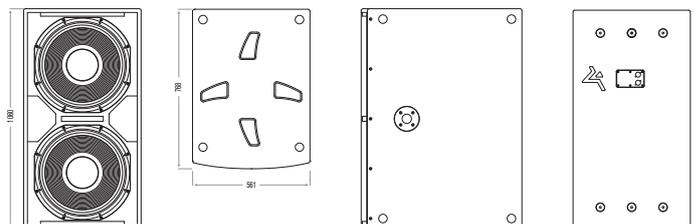
Providing extended sub-bass output and superior SPL down to 32 Hz, the powerful SV-218S is the ideal solution where high definition, deep and controlled bass is required. Loaded with dual, premium Fane, high-excursion, 18" (4" voice coil) drivers with advanced motor system design ensures each note remains distinctive even when played in rapid succession. The SV-218S is durable, portable and has exceptional sound quality making it ideal for a whole range of professional applications.

Constructed from 18 mm and 24 mm exterior grade, void-free, birch plywood. Low vibration walls and optimised ports successfully reduce air noise increasing overall dynamics and performance at high-output levels. The unit is finished, as standard, in a matt black, sand-based paint with a powder coated protective steel hexagon pattern grille fitted with an acoustic mesh backing. The enclosure can be used singly or stacked, or stood vertically. Eight side handles are available for ease of handling along with a 35 mm pole-mount fitting. The units rubber feet resist movement from vibrations and also align with recesses on the topside of the enclosure increasing stability when stacking.



Power Handling Program Peak	1600 W (AES) 3200 W 6400 W
Nominal Impedance	4 Ω
Average Sensitivity	102 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	134 dB (continuous) 137 dB (program) 140 dB (peak)
Frequency Response (-6dB)	32 Hz - 1.3 kHz
Manufacturing Consistency	100 Hz to 1 kHz (±3 dB)
Nominal Directivity (-6dB)	Omnidirectional
Recommended Amplifier	≤ 3200 W @ 4Ω
Recommended Crossover	LPF 70 - 125 Hz, 24 dB/ Oct Butterworth/ Linkwitz-Riley
Crossover	No, active usage only, Fane recommended DSP
Low Frequency Driver	2 Fane transducers, 8Ω impedance, 18" (460 mm) diameter, 4" high temperature voice coil on glass fibre former

Pole Mount	35 mm Metal
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 18 mm and 24 mm, exterior grade, void-free, birch plywood
Finish	Matt black, sand-based paint
Cabinet Size (HxWxD)	1060 x 561 x 768 mm
Shipping Carton Size (HxWxD)	1124 x 625 x 832 mm
Weight	85 kg net 91 kg gross
Optional Accessories	Wheelboard



ST-10

ST SERIES



FEATURES

- + 300 W (AES) power handling.
- + 122 dB continuous SPL output.
- + Equipped with premium Fane cast frame drivers.
- + Elliptic 80° x 50°, low resonance, rotatable glass fibre horn.
- + Void-free birch plywood cabinet, tongue and groove assembly.
- + Black matt, sand-based paint finish.
- + 8x M8 mounting points with internal metal brackets.
- + 35 mm pole mount adapter.

APPLICATIONS

- + Portable / install sound reinforcement.
- + Stage monitoring.
- + Main PA / side fill / delay fill / diffusion.
- + Bars and restaurants.
- + Clubs, live music venues and theatres.



ST-10

10-INCH, TWO-WAY, PASSIVE TOURING LOUDSPEAKER SYSTEM

The ST-10 stands as a compact, multifunctional enclosure, offering full-range capabilities suitable for a wide array of professional audio applications. The heart of the cabinet is home to a Fane 10" drive unit, notable for its ultra-low distortion and cast aluminium frame (featuring a 2.5" voice coil). This driver is complemented by a 1" titanium diaphragm compression driver, coupled with an 80° x 50° rotatable horn characterized by low resonance. Together, they create a dynamic duo capable of delivering exceptional audio quality.

A fully optimized passive crossover network further elevates the audio output and quality of the ST-10, whether utilized independently or in tandem with supplementary subwoofer support.

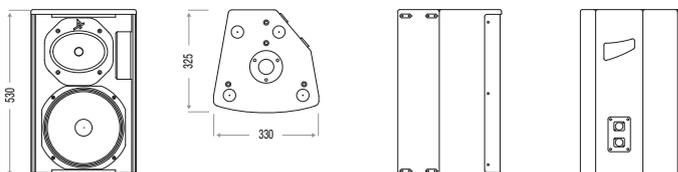
Meticulous construction lies at the core of the enclosure, crafted from 15mm and 18mm void-free birch plywood. Employing a tongue and groove assembly, the cabinet's rear wedge design renders it suitable for both front-of-house and monitor applications. A circular pattern grille, constructed from protective steel and adorned with acoustic mesh backing, ensures the safeguarding of the interior components. The entire enclosure is enrobed in a matt black, sand-based paint finish, delivering maximal protection for the rigours of the road.

For added versatility, the ST-10 incorporates a 35mm 'top-hat' for pole or stand mounting, alongside 8 M8 mount points featuring internal metal brackets. This comprehensive design showcases the ST-10's adaptability, resilience, and commitment to delivering superior audio performance.



Power Handling	300 W (AES)
Program	600 W
Peak	1200 W
Nominal Impedance	8 Ω
Average Sensitivity	97 dB @ 1W/1m
Calculated Maximum SPL / 1m	122 dB (continuous)
Program	125 dB (program)
Peak	127 dB (peak)
Frequency Response (-6dB)	55 Hz - 18.5 kHz
Manufacturing Consistency	200 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	80° (H) x 50° (V)
Recommended Amplifier	≤ 600 W @ 8Ω
Recommended Low Cut Full Range:	45 Hz, 24 dB/ oct Butterworth
with Sub:	70 to 140 Hz, 24 dB/ oct Linkwitz-Riley
Crossover	Passive @ 2.6 kHz
Low Frequency Driver	Fane transducer, 8Ω impedance, 10" (250 mm) diameter cast frame, 2.5" high temperature voice coil on glass fibre former
High Frequency Driver	Fane compression driver 8Ω impedance, 1" (25 mm) exit, 1.75" (44 mm) voice coil, titanium diaphragm

Flying Hardware	8x M8 points with internal metal brackets
Pole Mount	35 mm
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 15 mm and 18 mm, exterior grade, void-free, birch plywood
Finish	Matt black, sand-based paint
Cabinet Size (HxWxD)	530 x 330 x 325 mm
Shipping Carton Size (HxWxD)	580 x 380 x 375 mm
Weight	17 kg net 19 kg gross



ST-12

ST SERIES



FEATURES

- + 400 W (AES) power handling.
- + 125 dB continuous SPL output.
- + Equipped with premium Fane cast frame neodymium driver.
- + Elliptic 80° x 50°, low resonance, rotatable glass fibre horn.
- + Void-free birch plywood cabinet, tongue and groove assembly.
- + Matt black, sand-based paint finish.
- + 6x M8 mounting points with internal metal brackets.
- + 35 mm pole mount adapter.

APPLICATIONS

- + Portable / install sound reinforcement.
- + Stage monitoring.
- + Main PA / side fill / delay fill / diffusion.
- + Bars and restaurants.
- + Clubs, live music venues and theatres.



ST-12

12-INCH, TWO-WAY, PASSIVE TOURING LOUDSPEAKER SYSTEM

The ST-12 is a compact powerhouse, perfectly suited for a diverse range of full-range sound reinforcement applications. Its wide frequency response makes it an excellent choice for club/live music environments, while its angled rear cabinet design also renders it an effective wedge monitor option. At the core of this speaker is a robust yet lightweight Fane neodymium 12" driver, boasting a 3" voice coil. Complementing this is a 1" compression driver coupled to an 80° x 50° horn, forming a symbiotic pairing that delivers impressive audio performance.

Dedicated effort has been invested in the development of the internal passive crossover network, ensuring that the ST-12 produces crystal-clear and finely defined high-resolution audio even at high output levels. This meticulous engineering negates the necessity for heavy DSP correction, a testament to the meticulous sound design.

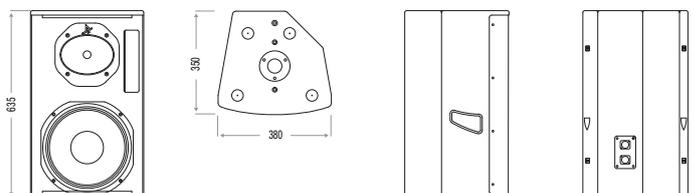
Crafted with precision, the cabinet is fashioned from 15mm and 24mm void-free birch plywood, held together by a reliable tongue and groove assembly. A robust wrap-around black powder-coated steel grille, adorned with an acoustic mesh backing, safeguards the unit's interior components. The unit's exterior boasts a matt black, sand-based paint finish, bolstering its durability for the rigours of the road.

For enhanced user convenience, two flush side handles, rubber feet, a 35mm 'top-hat' pole mount adapter, and 6 M8 mount points featuring internal metal brackets are thoughtfully incorporated. These features highlight the ST-12's versatility in various usage scenarios. Additionally, the ST Series subwoofers can be seamlessly integrated to extend system bass response as required.



Power Handling Program Peak	400 W (AES) 600 W 1600 W
Nominal Impedance	8 Ω
Average Sensitivity	99 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	125 dB (continuous) 128 dB (program) 131 dB (peak)
Frequency Response (-6dB)	50 Hz - 19 kHz
Manufacturing Consistency	200 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	80° (H) x 50° (V)
Recommended Amplifier	≤ 800 W @ 8Ω
Recommended Low Cut Full Range: with Sub:	40 Hz, 24 dB/ oct Butterworth 60 to 140 Hz, 24 dB/ oct Linkwitz-Riley
Crossover	Passive @ 1.9 kHz
Low Frequency Driver	Fane transducer, 8Ω impedance neodymium motor structure, 12" (300 mm) diameter cast frame, 3" high temperature voice coil on glass fibre former
High Frequency Driver	Fane High Frequency driver, 1" (25 mm) exit, 1.75" (44 mm) voice coil, titanium diaphragm

Flying Hardware	6x M8 points with internal metal brackets
Pole Mount	35 mm
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 15 mm and 24 mm, exterior grade, void-free, birch plywood
Finish	Matt black, sand-based paint
Cabinet Size (HxWxD)	635 x 380 x 350 mm
Shipping Carton Size (HxWxD)	685 x 430 x 400 mm
Weight	21 kg net 23 kg gross



ST-15

ST SERIES



FEATURES

- + 500 W (AES) power handling.
- + 126 dB continuous SPL output.
- + Equipped with premium Fane cast frame neodymium driver.
- + Elliptic 80° x 50°, low resonance, rotatable glass fibre horn.
- + Void-free birch plywood cabinet, tongue and groove assembly.
- + Matt black, sand-based paint finish.
- + 12x M8 mounting points with internal metal brackets.
- + 35 mm pole mount adapter.

APPLICATIONS

- + Portable / install sound reinforcement.
- + Stage monitoring.
- + Main PA / side fill / delay fill / diffusion.
- + Bars and restaurants.
- + Clubs, live music venues and theatres.
- + Houses of worship.
- + Leisure and retail outlets.



ST-15

15-INCH, TWO-WAY, PASSIVE TOURING LOUDSPEAKER SYSTEM

The ST-15 stands as a pinnacle of audio performance, offering an unmatched blend of versatility and long-term reliability. Crafted to fulfil a diverse range of professional sound reinforcement needs, it excels as a standalone full-range speaker, an integral component of a larger configured system, or a stage monitor, thanks to its thoughtful rear wedge design. At its core, the ST-15 incorporates a specially optimized Fane 15" neodymium LF driver with a 3" voice coil, working in harmony with a 1" compression driver and an 80° x 50° low-resonance horn. This harmonious integration is further complemented by a painstakingly developed and optimized passive crossover network. The result is an astonishing level of clarity and faithful audio reproduction even at high output levels, negating the need for extensive DSP correction.

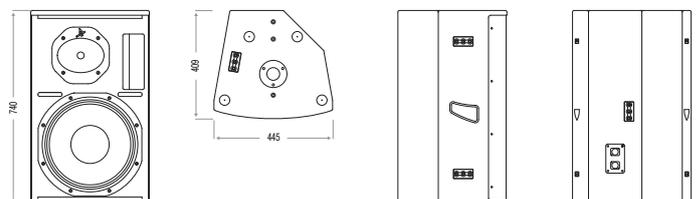
Constructed meticulously, the cabinet boasts a composition of 15mm and 24mm void-free birch plywood, held together by precise tongue and groove assembly to ensure exceptional structural strength. Its exterior is safeguarded by a robust wrap-around black powder-coated steel circular pattern grille, fortified with an acoustic mesh backing to protect the internal components. The unit's exterior is expertly finished with a matt black, sand-based paint, bolstering its resilience to endure the rigours of touring life.

Thoughtful design extends to user convenience, with two flush side handles, rubber feet, a 35mm 'top-hat' pole mount adapter, and 12 M8 mount points incorporating internal metal brackets. These features exemplify the ST-15's adaptability for various applications. Additionally, ST Series subwoofers seamlessly integrate to extend the system's bass response as needed.



Power Handling Program Peak	500 W (AES) 1000 W 2000 W
Nominal Impedance	8 Ω
Average Sensitivity	99 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	126 dB (continuous) 129 dB (program) 130 dB (peak)
Frequency Response (-6dB)	48 Hz - 19 kHz
Manufacturing Consistency	200 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	80° (H) x 50° (V)
Recommended Amplifier	≤ 1200 W @ 8Ω
Recommended Low Cut Full Range: with Sub:	40 Hz, 24 dB/ oct Butterworth 60 to 130 Hz, 24 dB/ oct Linkwitz-Riley
Crossover	Passive @ 2 kHz
Low Frequency Driver	Fane transducer, 8Ω impedance, 15" (380 mm) diameter cast frame / neodymium magnet, 3" high temperature voice coil on glass fibre former
High Frequency Driver	Fane High frequency driver, 1" (25 mm) exit, 1.75" (44 mm) voice coil, titanium diaphragm

Flying Hardware	12x M8 points with internal metal brackets
Pole Mount	35 mm
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 18 mm and 24 mm, exterior grade, void-free, birch plywood
Finish	Matt black, sand-based paint
Cabinet Size (HxWxD)	740 x 445 x 409 mm
Shipping Carton Size (HxWxD)	790 x 495 x 459 mm
Weight	28 kg net 31 kg gross



ST-118S

ST SERIES

FEATURES

- + 1200 W (AES) power handling.
- + 128 dB continuous SPL output.
- + Equipped with premium Fane driver.
- + 34 - 1200 Hz usable frequency range.
- + Void-free birch plywood enclosure construction.
- + Matt black, sand-based paint finish.
- + Twin Neutrik Speakon NL4 connectors.
- + 35 mm pole mount adapter with M20 screw fitting.
- + Quick release rear castor plate adapters.

APPLICATIONS

- + Fixed supplementary bass reinforcement for clubs, bars, live music venues and theatres.
- + Portable supplementary bass reinforcement for medium sized clubs, bars, live music venues and theatres.
- + High performance monitoring.



ST-118S

18-INCH, PASSIVE TOURING SUBWOOFER SYSTEM

Characterized by exceptional sound quality and robust engineering, the ST-118S subwoofer stands as a prime choice for bass reinforcement within main PA systems. It proves itself apt for various applications, including touring, as well as permanent installations in medium-sized venues. Designed to harmonize seamlessly with the ST series full-range loudspeakers, this enclosure is furnished with an optimized, high-excursion Fane 18" driver, boasting a 4" voice coil and a cast frame. Notably, the driver's advanced motor system design is engineered to minimize power compression, a feature that significantly contributes to maintaining pristine audio quality during operation.

The cabinet design incorporates noise-reducing optimized bass-reflex ports and internal bracing, both of which enhance the acoustic characteristics of the enclosure. As a result, the ST-118S is adept at delivering dynamic and high-output bass response, extending down to an impressive 28 Hz.

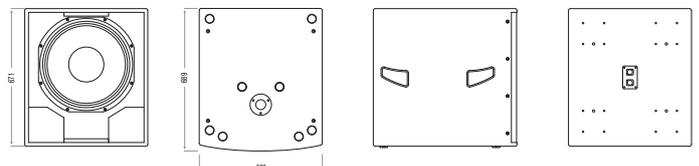
Durability is a hallmark of the ST-118S, as evidenced by its construction using 18mm and 24mm exterior-grade, void-free birch plywood. The matt black, sand-based paint finish further fortifies the enclosure against the rigours of the road. Protecting the front of the cabinet is a robust black powder-coated steel grille with a hexagon pattern, bolstered by an acoustic mesh backing.

Designed with practicality in mind, the cabinet features a 35 mm pole mount adapter with an M20 screw fitting, catering to versatile mounting preferences. Four flush side handles are provided. The rear of the cabinet is equipped with four quick-release castor plates, facilitating effortless attachment of widely available castors (not supplied). This blend of meticulous design, exceptional components, and user-oriented features solidifies the ST-118S as a reliable and performance-driven subwoofer option.



Power Handling	1200 W (AES)
Program	2400 W
Peak	4800 W
Nominal Impedance	8 Ω
Average Sensitivity	98 dB @ 1W/1m
Calculated Maximum SPL / 1m	128 dB (continuous)
Program	131 dB (program)
Peak	134 dB (peak)
Frequency Response (-6dB)	34 Hz - 1.2 kHz
Manufacturing Consistency	30 Hz to 300 Hz (±3 dB)
Nominal Directivity (-6dB)	Omnidirectional
Recommended Amplifier	≤ 1600 W @ 8Ω
Recommended Crossover	LPF 70 - 125 Hz, 24 dB/ Oct Butterworth/ Linkwitz-Riley
Crossover	No, active usage only with external electronic crossover, Fane recommended DSP
Low Frequency Driver	Fane transducer, 8Ω impedance with 60 mm peak-peak excursion, 18" (460 mm) diameter, 4" high temperature voice coil on glass fibre former

Flying Hardware	8x M8 points with internal metal brackets
Pole Mount	35 mm with M20 screw fitting
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 18 mm and 24 mm, exterior grade, void-free, birch plywood
Finish	Matt black, sand-based paint
Cabinet Size (HxWxD)	671 x 590 x 689 mm
Shipping Carton Size (HxWxD)	721 x 640 x 739 mm
Weight	60 kg net 65 kg gross



ST-218S

ST SERIES



FEATURES

- + 2000 W (AES) power handling.
- + 134 dB continuous SPL output.
- + Equipped with premium Fane drivers.
- + 30 - 1200 Hz usable frequency range.
- + Void-free birch plywood enclosure construction.
- + Matt black, sand-based paint finish.
- + Twin Neutrik Speakon NL4 connectors.
- + 35 mm pole mount adapter with M20 screw fitting.
- + Quick release rear castor plate adapters.

APPLICATIONS

- + Fixed supplementary bass reinforcement for clubs, bars, live music venues and theatres.
- + Portable supplementary bass reinforcement for medium sized clubs, bars, live music venues and theatres.
- + High performance monitoring.



ST-218S

DUAL 18-INCH, PASSIVE TOURING SUBWOOFER SYSTEM

Engineered for tour sound, large venues, or outdoor events, the ST-218S is a powerhouse subwoofer designed to deliver exceptional performance and power. Equipped with dual Fane 18" LF drivers, each boasting a 4" voice coil, this subwoofer not only captures the nuanced detail and presence of the ST-118 models but also presents the advantage of heightened SPL output. Impressively, it maintains a continuous output of 134 dB, coupled with a remarkable low-frequency extension reaching as low as 27 Hz. Whether used individually or in multiples through ground stacking, the ST-218S offers versatility in orientation, allowing both horizontal and vertical configurations. It emerges as the ideal solution when commanding, impactful punch and faithful bass reproduction are essential.

Constructed with durability in mind, the enclosure is built from 18mm and 24mm exterior-grade, void-free birch plywood. Its robust design is further fortified by a matt black, sand-based paint finish, which provides exceptional protection for the rigours of demanding environments.

Safeguarding the front of the cabinet is a robust black powder-coated steel grille, characterized by a hexagon pattern and an acoustic mesh backing. This combination not only ensures the protection of internal components but also enhances the subwoofer's aesthetic appeal.

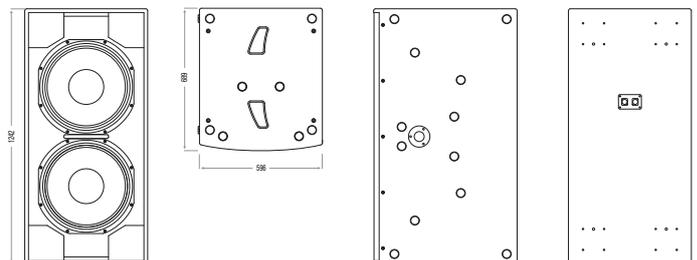
The cabinet also boasts practical features aimed at user convenience. A 35mm pole mount adapter with an M20 screw fitting is included, catering to flexible mounting preferences. Shaped recesses facilitate safe stacking when combined with other ST series models, enabling efficient use of space. For effortless handling and transport, four flush side handles are thoughtfully incorporated.



The rear of the cabinet houses four quick-release castor plates, allowing for easy attachment of widely available castors (not supplied). Collectively, these elements showcase the ST-218S as a subwoofer that seamlessly marries power, versatility, and practicality for outstanding performance in demanding audio environments.

Power Handling Program Peak	2000 W (AES) 4000 W 8000 W
Nominal Impedance	4 Ω
Average Sensitivity	101 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	134 dB (continuous) 137 dB (program) 140 dB (peak)
Frequency Response (-6dB)	30 Hz - 1.2 kHz
Manufacturing Consistency	30 Hz to 300 Hz (±3 dB)
Nominal Directivity (-6dB)	Omnidirectional
Recommended Amplifier	≤ 3000 W @ 4Ω
Recommended Crossover	LPF 70 - 125 Hz, 24 dB/ Oct Butterworth/ Linkwitz-Riley
Crossover	No, active usage only with external electronic crossover, Fane recommended DSP
Low Frequency Driver	Fane transducer, 8Ω impedance with 60mm peak-peak excursion, 18" (460 mm) diameter, 4" high temperature voice coil on glass fibre former

Flying Hardware	8x M8 points with internal metal brackets
Pole Mount	35 mm with M20 screw fitting
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 18 mm and 24 mm, exterior grade, void-free, birch plywood
Finish	Matt black, sand-based paint
Cabinet Size (HxWxD)	596 x 1242 x 689 mm
Shipping Carton Size (HxWxD)	646 x 1292 x 739 mm
Weight	99 kg net 108 kg gross
Accessories	4x Quick release castor plates

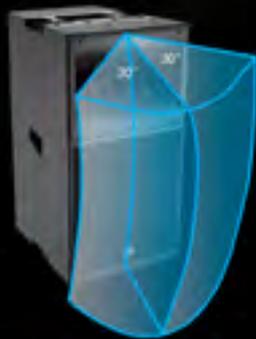


S115M

STELLAR SERIES



HORIZONTAL
COVERAGE



VERTICAL
COVERAGE



FEATURES

- + Precision Devices 3-inch (75mm) voice coil composite metal diaphragm ferrite tweeter.
- + Precision Devices High-efficiency and high-rigidity paper cone 15-inch woofer.
- + 90°(H)×60°(V) coverage angle realises uniform on-axis and off-axis response.
- + 18mm multi-layer Birch plywood, surface is treated with polyurea wear-resistant paint.
- + Rotatable logo.

APPLICATIONS

- + Party-style KTV, KTV sound reinforcement.
- + Bars, Live House, Nightclubs.



S115M

15-INCH, TWO-WAY, PASSIVE LOUDSPEAKER SYSTEM

The S115M is a high-performance, compact, front ported speaker, designed for deployment in small to medium-scale venues, that embraces the strengths of both line array and matrix technologies. With its exceptional user-friendliness, expandability, and versatility, it's specifically engineered to be used in arrays of up to six speakers, perfect for flying with its custom-built rigging. S115M is equally adept as a standalone point source loudspeaker with a 90°(H) ×60°(V) coverage.

Specifically designed for use in high impact party-style KTV amplification, bars, nightclubs. Boasting an impressively smooth frequency response, spanning from 50Hz to 20kHz (-10dB) with a well-balanced phase curve. The S115M features a trapezoidal enclosure design, offering flexibility for a range of functions. At its heart is a Precision Devices 15-inch low-frequency driver with a 76.2mm voice coil and a 3-inch ferrite high-frequency driver. The high-frequency section is equipped with a 90° (H) × 60° (V) constant directivity horn, ensuring precise and coherent sound projection.

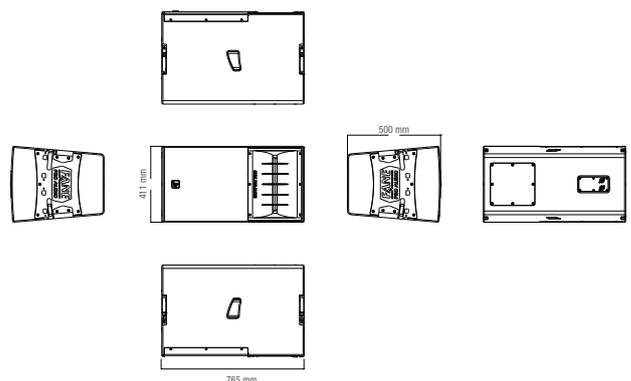
The S115M achieves a sensitivity of 100dB and exhibits an AES power rating of 600W. Its compact enclosure employs a newly adopted port design, ingeniously combining exceptional acoustic performance with accurate coverage, making it an adaptable choice for all applications.

The enclosure is constructed with 18mm birch plywood and finished in a durable black polyurethane paint. The rear panel houses two NL-4 sockets, offering versatile connectivity options: (1+1- for input, 2+2- for through connections). The adjustable logo adds to its versatility, ensuring a seamless fit in any setup. Additionally, a black perforated iron grille lined with acoustic transparent fabric effectively safeguards the speaker unit against moisture and dust



Power Handling Program Peak	600 W (AES) 1200 W 2400 W
Nominal Impedance	8 Ω
Average Sensitivity	100 dB @ 1W/1m
Calculated Maximum SPL / 1m	128 dB (continuous) 131 dB (program) 134 dB (peak)
Frequency Response	55 Hz - 19 kHz (±3 dB) 50 Hz - 20 kHz (-10 dB)
Manufacturing Consistency	200 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	90° (H) x 60° (V)
Recommended Amplifier	≥ 1000 W @ 8Ω (no clip) in specified frequency response
Recommended Low Cut Full Range: with Sub:	55 Hz, 18 dB/ oct Butterworth 60 to 140 Hz, 24 dB/ oct Linkwitz-Riley
Low Frequency Driver	Precision Devices transducer, 8Ω impedance, 15" (381 mm) diameter, 3" high temperature voice coil on glass fibre former
High Frequency Driver	Precision Devices 3" (75 mm) voice coil, 1.4" Exit, 8Ω impedance compression driver

Flying Hardware	Two-point Flying System
Pole Mount	N/a
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 18 mm void-free, exterior grade, birch plywood
Finish	Black Polyurea Coating
Cabinet Size (HxWxD)	765 x 411 x 500 mm
Shipping Carton Size (HxWxD)	865 x 505 x 595 mm
Weight	48 kg net 50 kg gross



S218X

STELLAR SERIES



FEATURES

- + Produces thick and elastic bass sound.
- + Precision Devices Dual high-power, 18-inch, 5-inch voice coil bass drivers.
- + High-performance, front-loaded, inverted-phase enclosure design.

APPLICATIONS

- + Party-style KTV, KTV sound reinforcement.
- + Used in bars, nightclubs and other places.



S218X

DUAL 18-INCH, PASSIVE SUBWOOFER SYSTEM

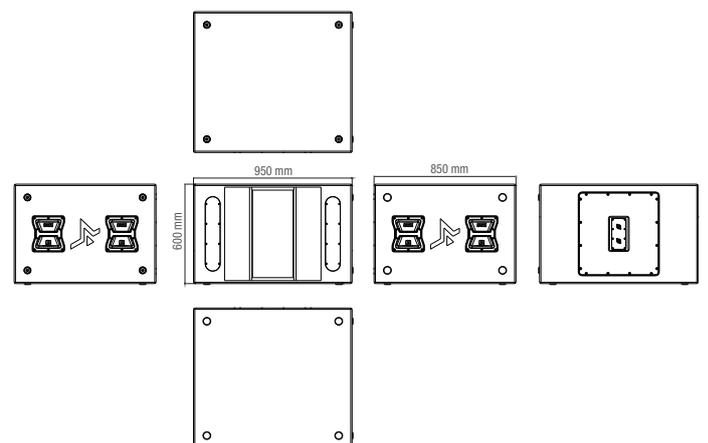
The S218X is a dual 18-inch front-loaded inverted phase subwoofer, offering a frequency range of 30Hz to 150Hz (-10dB). Equipped with two high-power low-frequency drivers, each boasting a 5-inch (125mm) voice coil from Precision Devices, the S218X subwoofer incorporates a well-designed magnet ventilation structure, effectively managing the temperature when operating at high power and reducing the occurrence of power compression in the speaker. The internal cabinet design includes a filtering mechanism that eliminates the common airflow noise associated with dynamic movements of typical low-frequency drivers. This results in a significant boost in energy output in the ultra-low frequency range and a reduction in non-linear distortion in the lows. The 18-inch low-frequency drivers employ rigid and durable cone structures along with copper wire voice coils, ensuring that the speaker delivers a sound experience characterized by both impactful strength and thickness.

The S218X subwoofer is a versatile addition to any sound setup, enabling an enhanced low-frequency presence in applications ranging from dynamic KTV parties to bustling nightclubs. Its innovative design and technical features make it a perfect companion to other FPA speakers, offering a cohesive and immersive audio experience.



Power Handling Program Peak	2400 W (AES) 4800 W 9600 W
Nominal Impedance	4 Ω
Average Sensitivity	100 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	134 dB (continuous) 137 dB (program) 140 dB (peak)
Frequency Response	35 Hz - 150 Hz (± 3 dB) 30 Hz - 150 Hz (± 10 dB)
Manufacturing Consistency	35 Hz to 150 Hz (±3 dB)
Nominal Directivity (-6dB)	N/a
Recommended Amplifier	≥ 1600 W @ 4Ω (no clip) in specified frequency response
Recommended Crossover	LPF 70 - 125 Hz, 24 dB/ Oct Butterworth/ Linkwitz-Riley
Crossover	No, active usage only, Fane recommended DSP
Low Frequency Driver	2 Precision Devices transducers, 8Ω impedance 18" (460 mm) diameter, 5" high temperature voice coil on glass fibre former

Pole Mount	N/A
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 18 mm exterior grade, void-free, birch plywood
Finish	Black Polyurea Coating
Cabinet Size (HxWxD)	600 x 950 x 850 mm
Shipping Carton Size (HxWxD)	720 x 1070 x 965 mm
Weight	102 kg net 105 kg gross

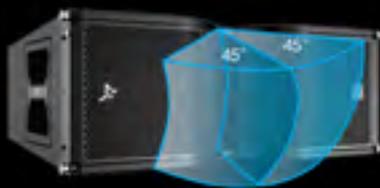


F10

FOCUS SERIES



HORIZONTAL
COVERAGE



VERTICAL
COVERAGE



FEATURES

- + Dual 10 two way line array speaker.
- + Symmetrical structure, concentrated sound image.
- + Dual voice coil bass units.
- + High-sensitivity. 136dB Peak output and improved dynamic headroom.

APPLICATIONS

- + Main sound reinforcement system.
- + Large bars, clubs and auditoriums.
- + Live events.



F10

DUAL 10-INCH, THREE WAY LINE ARRAY SYSTEM

The F10 is a two-way loudspeaker system, designed as a line array intended for deployment in medium-to-large-sized venues.

It provides a frequency range of 50Hz to 20kHz (-10dB). The system comprises a 75mm-coil compression driver for high frequencies and two 10-inch ferrite low-frequency drivers symmetrically installed, creating a sound system with remarkable dynamic headroom.

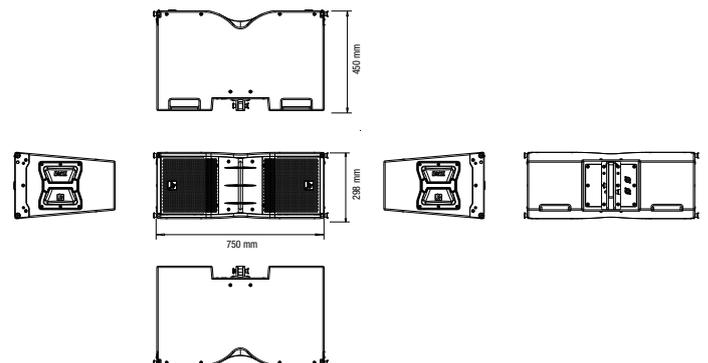
In the low-frequency section, the F10 utilizes two 10-inch dual-coil (300W) paper cone low-frequency drivers from the Precision Devices brand. The two low-frequency drivers operate in a parallel symmetrical configuration. The high frequency consists of a 75mm (voice coil) neodymium magnet, titanium diaphragm compression driver. This combined with a plane wave converter in combination with a 90-degree exponential curve constant directional horn produce a consistent wavefront.

The speaker with up to 102dB sensitivity allows the F10 to produce a peak SPL output of up to 136dB.



	LOW	HIGH
Power Handling (AES)	700 W	80 W
Program	1400 W	160 W
Peak	2800 W	320 W
Nominal Impedance	8 Ω	
Average Sensitivity	102 dB @ 1W/1m	
Calculated Maximum SPL / 1m	130 dB (continuous) 133 dB (program) 136 dB (peak)	
Frequency Response (-6dB)	60 Hz - 19 kHz (±3 dB) 50 Hz - 20 kHz (-10 dB)	
Manufacturing Consistency	55 Hz to 19 kHz (±3 dB)	
Nominal Directivity (-6dB)	90° (H) x 10° (V)	
Recommended Amplifier	LF: 1000 W 8Ω, 8Ω (no clip) in specified frequency response	
Recommended Low Cut	60Hz, 18 dB/ oct Butterworth	
Crossover	Passive	
Low Frequency Driver	2x Precision Devices Dual Coil transducers, 8Ω impedance 10" (250 mm) diameter	
High Frequency Driver	2x Precision Devices 3" Neodymium compression driver with Titanium diaphragm assembly	

Flying Hardware	3 point flying system
Connectors	2 Neutrik Speakon NL4
Connection Mode	1± LF / 2± HF
Cabinet	CNC made with tongue and groove assembly, 18 mm exterior grade, void-free, birch plywood
Finish	Black Polyurea Coating
Cabinet Size (HxWxD)	298 x 750 x 450 mm
Shipping Carton Size (HxWxD)	395 x 850 x 545 mm
Weight	28 kg net 30 kg gross



F118S

FOCUS SERIES



FEATURES

- + 800 W (AES) power handling.
- + 127 dB continuous SPL output.
- + Equipped with Precision Devices driver.
- + 28 - 350 Hz usable frequency range.
- + Void-free birch plywood enclosure construction.
- + 4 point Flying System.
- + Twin Neutrik Speakon NL4 connectors.

APPLICATIONS

- + Large bars, clubs and auditoriums.
- + Stadiums and live events.



F118S

18-INCH SUB BASS SYSTEM

The F118S emerges as a compact pendant subwoofer, boasting an impressive frequency range spanning from 30Hz to 200Hz (-10dB). This purposeful design finds its place alongside the F10 full-range speakers within the Focus series, effectively extending the system’s low-frequency response. A notable feature is its remarkable phase response, enabling seamless integration with both full-range speakers and subwoofers.

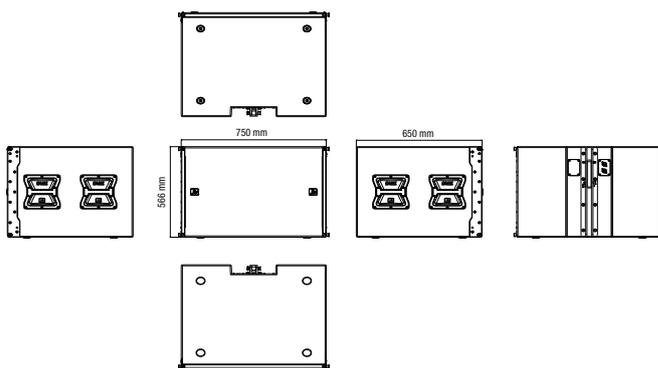
Housed within the cabinet is an 18-inch neodymium unit (100mm voice coil), a creation by Precision Devices. The cabinet’s design incorporates a phase reversal technique, ensuring the absence of airflow noise even during dynamic playback of the ordinary woofer. The phase reversal port, with its generous outlet area, significantly enhances the output efficiency of this port. This enhancement leads to a heightened output of ultra-low frequency energy, concurrently curbing nonlinear distortion within the low-frequency range. The high-transient low-frequency driver, in harmony with the finely tuned enclosure, delivers a harmonious amalgamation of low-frequency force and depth, remarkably achieving a peak sound pressure level of 133dB.

The F118S cabinet’s design is grounded in practicality. Ergonomically positioned on each side are twin FANE special handles, streamlining the stacking and maneuvering of the speakers. Four rubber feet grace the cabinet’s bottom, while four foot grooves adorn the top, facilitating convenient ultra-low array stacking. The cabinet’s construction employs 18mm birch plywood, wrapped in a wear-resistant black water-based two-point paint finish. The cabinet’s black perforated iron mesh, backed with acoustically transparent foam, effectively guards against moisture and dust, ensuring the protection of the speaker unit and guaranteeing optimal performance and longevity.



Power Handling (AES)	800 W (AES)
Program	1600 W
Peak	3200 W
Nominal Impedance	8 Ω
Average Sensitivity	98 dB @ 1W/1m
Calculated Maximum SPL / 1m	127 dB (continuous) 130 dB (program) 133 dB (peak)
Frequency Response (-6dB)	35 Hz - 200 Hz (±3 dB) 30 Hz - 200 Hz (-10 dB)
Manufacturing Consistency	30 Hz to 250 Hz (±3 dB)
Nominal Directivity (-6dB)	Omnidirectional
Recommended Amplifier	≥ 1600 W @ 8Ω (no clip) in specified frequency response
Recommended Crossover	LPF: 30 Hz HPF: 300 Hz
Crossover	No, active usage only with external electronic crossover, Fane recommended DSP
Low Frequency Driver	Precision Devices transducer, 8Ω impedance 18" (460 mm) diameter, high temperature voice coil on glass fibre former, long-throw driver

Flying Hardware	4 point flying system
Connector	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 18 mm exterior grade, void-free, birch plywood
Finish	Black Polyurea Coating
Cabinet Size (HxWxD)	566 x 750 x 650 mm
Shipping Carton Size (HxWxD)	661 x 850 x 745 mm
Weight	55 kg net 57.5 kg gross



ARGUS 1

MADE IN
ENGLAND

ARGUS SERIES

FEATURES

- + Three-way, symmetrical bass structured line array system.
- + Dual, 2.95-inch (75mm) voice-coil, Titanium diaphragm neodymium magnet compression drivers.
- + 10-inch, Precision Devices, Neo-Radial technology, high sensitivity, low distortion Midrange unit.
- + Dual, 12-inch Precision Devices Neo-Radial technology, high sensitivity, low distortion bass unit.
- + Coaxial configuration of mid to high frequency for concentrated sound and imagery.
- + 18 mm Enclosure surface treated with a wear-resistant black polyurea finish.
- + Preset flying angles for more efficient hanging and ease of use.

APPLICATIONS

- + Main PA sound reinforcement.
- + Large bars, clubs and auditoriums.
- + Stadium and live events.



ARGUS 1

DUAL 12-INCH, THREE WAY LINE ARRAY SYSTEM

ARGUS 1 is a large format three-way Line Array System. It provides a frequency range of 45Hz-20kHz (-10dB). The system comprises of 2 Precision Devices Neodymium (75mm voice coil) compression drivers with 36mm throat mouths. One Precision Devices 10" midrange unit and two 12" Precision Devices woofers to formulate a dynamic speaker system.

The low frequency section of the ARGUS 1 uses two Precision Devices 400W 12"woofers, positioned to the left and right side of the symmetrical structure.

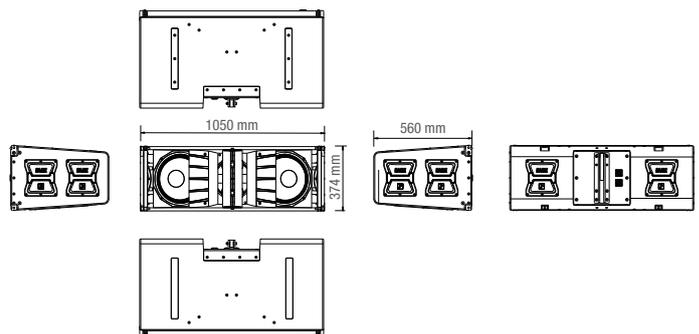
The Mid-range frequency section consists of a high sensitivity Precision Devices 10" Neodymium driver and positioned behind the HF section facilitating a coaxial configuration. The mid-range section also incorporates a phase plug installed in the front of the driver, a diffusion horn is added to improve directivity and further increase the sensitivity of the whole midrange section.

Two 75mm voice coil neodymium titanium diaphragm compression units are used in the high frequency section. A plane wave converter is used in conjunction with a 90° exponential curve constant directivity horn to make the dual HF section produce a consistent wave front enabling Argus 1 to delivery ultra-clear and coherent audio reproduction.



	LOW	MID	HIGH
Power Handling (AES)	900 W	350 W	160 W
Program	1800 W	700 W	320 W
Peak	3600 W	1400 W	640 W
Nominal Impedance	8 Ω		
Average Sensitivity	104 dB @ 1W/1m		
Calculated Maximum SPL / 1m	136 dB (continuous) 139 dB (program) 142 dB (peak)		
Frequency Response (-6dB)	69 Hz - 19 kHz (±3 dB) 45 Hz - 20 kHz (-10 dB)		
Manufacturing Consistency	200 Hz to 10 kHz (±3 dB)		
Nominal Directivity (-6dB)	90° (H) x 8° (V)		
Recommended Amplifier	LF: 1100 W 8Ω, MF/HF: 600 W 8Ω (no clip) in specified frequency response		
Recommended Low Cut	55Hz, 18 dB/ oct Butterworth		
Crossover	Passive		
Low Frequency Driver	2x Precision Devices transducers, 8Ω impedance 12" (304 mm) diameter, Neo Radial technology, high-temperature voice coil on glass fibre former		
Mid Frequency Driver	Precision Devices transducer, 8 Ω impedance 10" (254mm) diameter, high-temperature voice coil on glass fibre former		
High Frequency Driver	2x Precision Devices compression driver, 8 Ω impedance, 3" voice coil		

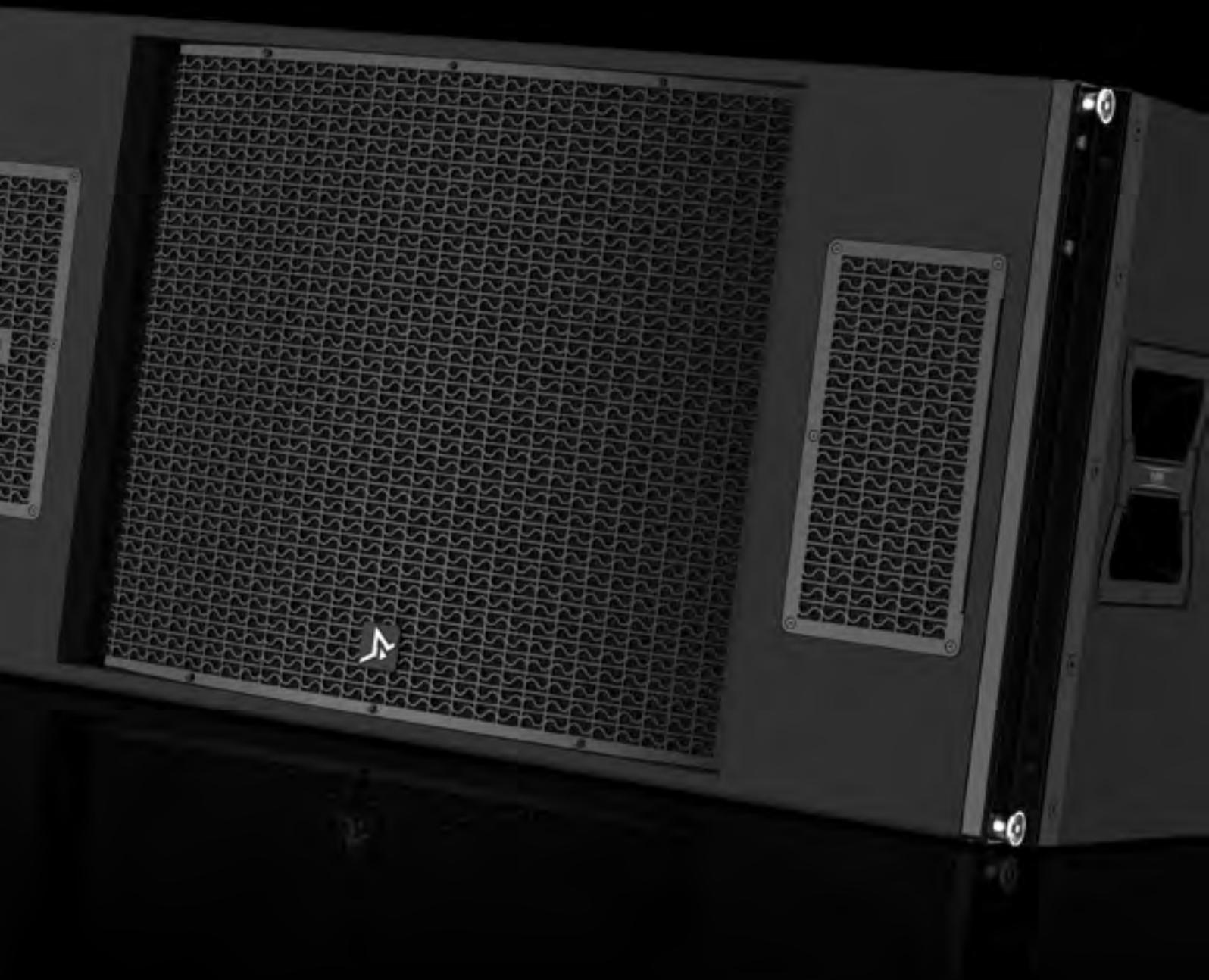
Flying Hardware	3 point flying system
Connectors	2 Neutrik Speakon NL8
Connection Mode	1± LF / 2± MF / 3± HF
Cabinet	CNC made with tongue and groove assembly, 18 mm exterior grade, void-free, birch plywood
Finish	Black Polyurea Coating
Cabinet Size (HxWxD)	374 x 1050 x 560 mm
Shipping Carton Size (HxWxD)	465 x 1150 x 660 mm
Weight	59 kg net 63 kg gross



ARGUS S1

MADE IN
ENGLAND

ARGUS SERIES



FEATURES

- + High efficiency enclosure design.
- + 18-inch Neodymium high sensitivity, low distortion bass unit.
- + 127 mm High temperature long throw voice coil.
- + 18 mm Enclosure surface treated with a wear-resistant black polyurea finish.
- + Four-point hanging system.

APPLICATIONS

- + Main PA sound reinforcement.
- + Large bars, clubs and auditoriums.
- + Stadium and live events.



ARGUS S1

DUAL 18-INCH SUB BASS SYSTEM

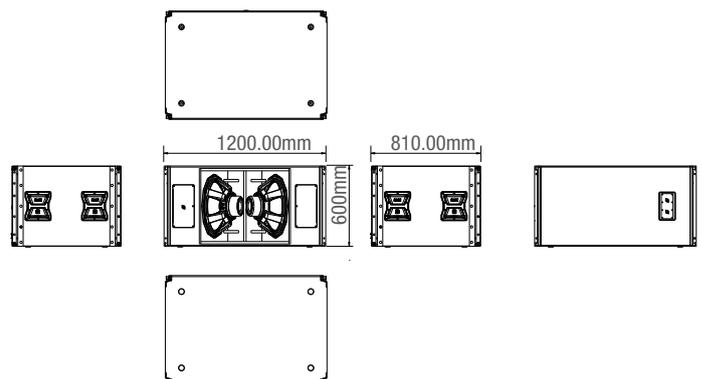
The ARGUS S1 is a dual 18" flyable bass speaker system delivering a usable frequency range of 28 Hz – 200 Hz. S1 is a scalable system and can be seamlessly integrated with other bass systems such as ARGUS S2.

The system features two Precision Devices 18-inch neodymium magnet driver driven by a 127mm high temperature voice coil. Mounted in a symmetrical V-shaped inverted position for better thermal dynamics and lower power compression. ARGUS S1 boasts 98dB sensitivity and delivers a continuous power of 2400W (AES), its large dynamic airflow, and a small volume front port combination box design greatly reduces the low band group delay. Enhancing the sense of low frequency speed and a noticed reduction of the non-linear distortion of the low frequency reproduction. ARGUS S1 effectively delivers the perfect bass with strength, speed, and warmth of tone.



Power Handling (AES)	2400 W (AES)
Program	4800 W
Peak	9600 W
Nominal Impedance	4 Ω
Average Sensitivity	98 dB @ 1W/1m
Calculated Maximum SPL / 1m	132 dB (continuous) 135 dB (program) 138 dB (peak)
Frequency Response (-6dB)	35 Hz - 200 Hz (±3 dB) 28 Hz - 200 Hz (-10 dB)
Manufacturing Consistency	30 Hz to 250 Hz (±3 dB)
Nominal Directivity (-6dB)	Omnidirectional
Recommended Amplifier	≥ 4800 W @ 4Ω (no clip) in specified frequency response
Recommended Crossover	LPF: 70 Hz - 200 Hz 24 dB/oct Linkwitz-Riley HPF: 28 Hz 24dB/ Oct Linkwitz-Riley
Crossover	No, active usage only with external electronic crossover, Fane recommended DSP
Low Frequency Driver	2x Precision Devices transducers, 8Ω impedance 18" (460 mm) diameter, high temperature voice coil on glass fibre former, long-throw driver

Flying Hardware	4 point flying system
Connector	2 Neutrik Speakon NL4
Connection Mode	1± LF / 2± N/C
Cabinet	CNC made with tongue and groove assembly, 15 mm exterior grade, void-free, birch plywood
Finish	Black Polyurea Coating
Cabinet Size (HxWxD)	600 x 1200 x 810 mm
Shipping Carton Size (HxWxD)	695 x 1300 x 905 mm
Weight	96 kg net 102 kg gross



ARGUS 2

MADE IN
ENGLAND

ARGUS SERIES

FEATURES

- + Three-way, symmetrical bass structured line array system.
- + 8-inch Integrated neodymium magnet coaxial driver with 2.95-inch (75mm) HF voice-coil and composite diaphragm.
- + Dual Precision Devices 10-inch, Neo-Radial technology, high sensitivity, low distortion bass units.
- + Coaxial configuration of Mid to High frequency for concentrated sound and imagery.
- + 18 mm Birch plywood construction treated with a wear-resistant black polyurea finish.
- + Preset flying angles for more efficient hanging and ease-of-use.

APPLICATIONS

- + Main PA sound reinforcement.
- + Large bars, clubs and auditoriums.
- + Stadium and live events.



ARGUS 2

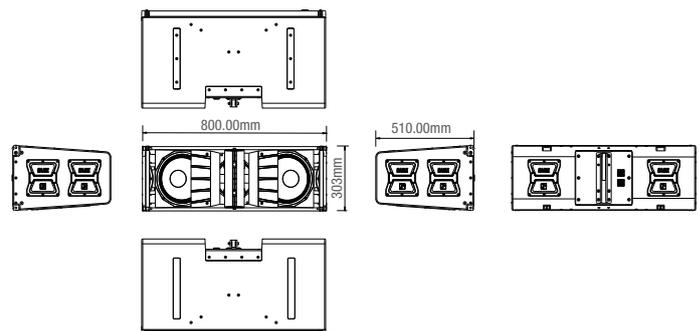
DUAL 10-INCH, THREE WAY LINE ARRAY SYSTEM

ARGUS 2 is a medium format three-way Line Array System. It provides a frequency range of 50Hz to 20kHz (-10dB). The system comprises of one Precision Devices integrated 8" coaxial driver. Two Precision Devices 10 neo radial magnet woofers mounted symmetrically which delivers an outstanding dynamic range. The low frequency section of the ARGUS 2 utilises two Precision Devices 10" Neo Radial (450W) woofers that work in tandem with the left and right symmetrical enclosures. The medium-high section consists of a powerful integrated Precision Devices Neodymium magnet 8" coaxial unit, combined with the HSI diffusion control horn to tightly control directivity and increase the overall sensitivity of the midrange section. In the high frequency section, a 75mm (voice coil) neodymium magnetic composite diaphragm integrated compression unit is used to produce a consistent wave front through a plane wave converter combined with a 90° exponential curve constant directivity horn. With 103 dB sensitivity, the ARGUS 2 delivers a peak sound pressure output level of 139dB.

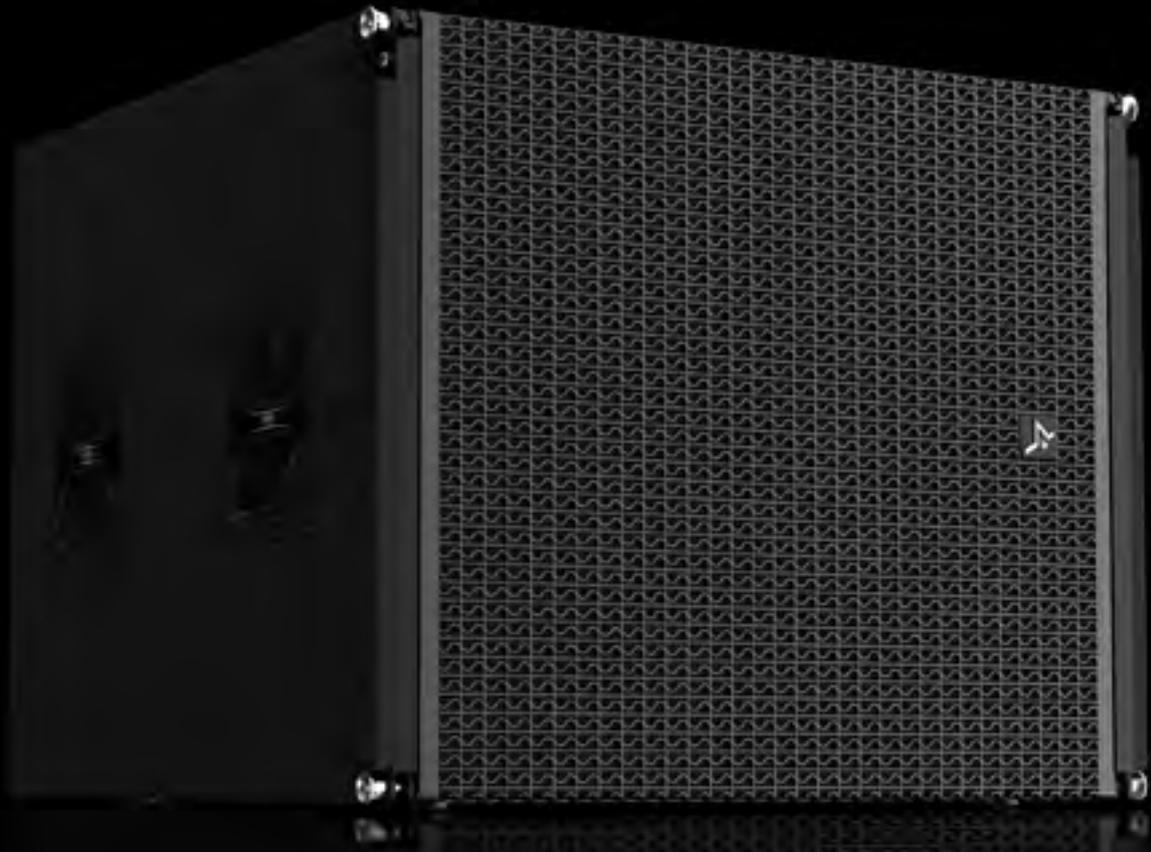


	LOW	MID	HIGH
Power Handling (AES)	700 W	300 W	90 W
Program	1400 W	600 W	180 W
Peak	2800 W	1200 W	360 W
Nominal Impedance	16 Ω		
Average Sensitivity	103 dB @ 1W/1m		
Calculated Maximum SPL / 1m	133 dB (continuous) 136 dB (program) 139 dB (peak)		
Frequency Response (-6dB)	65 Hz - 19 kHz (±3 dB) 50 Hz - 20 kHz (-10 dB)		
Manufacturing Consistency	55 Hz to 19 kHz (±3 dB)		
Nominal Directivity (-6dB)	90° (H) x 8° (V)		
Recommended Amplifier	LF: 800 W 8Ω, MF/HF: 600 W 16Ω (no clip) in specified frequency response		
Recommended Low Cut	50 Hz, 18 dB/ oct Butterworth		
Crossover	Passive		
Low Frequency Driver	2x Precision Devices transducers, 8Ω impedance 10" (304 mm) diameter, Neo Radial technology, high-temperature voice coil on glass fibre former		
Mid Frequency Driver	Precision Devices 8" (203,2 mm) diameter coaxial driver, 8 Ω impedance, neodymium magnet, high-temperature voice coil on glass fibre former		
High Frequency Driver	Precision Devices neodymium magnet, compression driver, 8 Ω impedance, 3" voice coil		

Flying Hardware	3 point flying system
Connectors	2 Neutrik Speakon NL4
Connection Mode	1± LF / 2± MF / HF
Cabinet	CNC made with tongue and groove assembly, 18 mm exterior grade, void-free, birch plywood
Finish	Black Polyurea Coating
Cabinet Size (HxWxD)	303 x 800 x 510 mm
Shipping Carton Size (HxWxD)	405 x 900 x 610 mm
Weight	39 kg net 42 kg gross



ARGUS SERIES



FEATURES

- + 18-inch Neodymium high sensitivity, low distortion bass unit.
- + 127 mm High temperature long throw voice coil.
- + 18 mm Enclosure surface treated with a wear-resistant black polyurea finish.
- + Three-point hanging system.

APPLICATIONS

- + Main PA sound reinforcement.
- + Large bars, clubs and auditoriums.
- + Stadium and live events.



ARGUS S2

18-INCH SUB BASS SYSTEM

The ARGUS S2 is a compact and flyable sub bass speaker system delivering a usable frequency range of 30 Hz - 200 Hz. Designed to be used with ARGUS 2 full-band line array, extending the system's low frequency response. ARGUS S2 can also be used in seamless conjunction with the ultra-low ground stack system due to its phase characteristics and response.

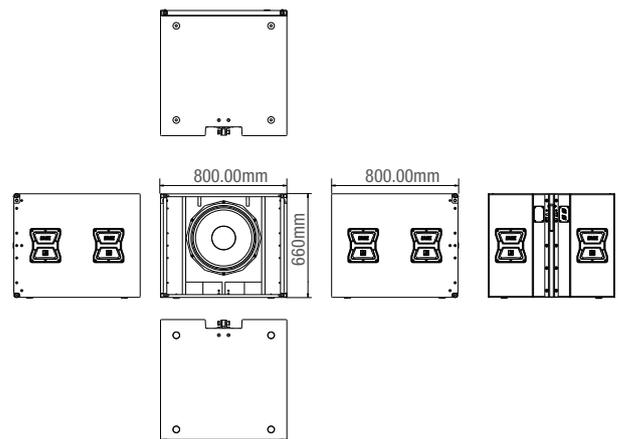
The system features a Precision Devices 18-inch neodymium magnet driver driven by a 127mm elevated temperature voice coil. Designed with a front-loaded horn to further improve the low frequency response transmission and sensitivity. ARGUS S2 boasts an average sensitivity of 98 dB, AES rated power of 1200 W which cumulates with controlled, powerful and responsive bass in any environment.

ARGUS S2 is certainly no ordinary ultra-low speaker, its large dynamic airflow, and a small volume front inverted port combination box design greatly reduces the low band group delay. Enhancing the sense of low frequency speed and a noticed reduction of the non-linear distortion of the low frequency reproduction. ARGUS S2 effectively delivers the perfect bass with strength, speed, and warmth of tone.



Power Handling (AES)	1200 W (AES)
Program	2400 W
Peak	4800 W
Nominal Impedance	8 Ω
Average Sensitivity	98 dB @ 1W/1m
Calculated Maximum SPL / 1m	129 dB (continuous) 132 dB (program) 135 dB (peak)
Frequency Response (-6dB)	35 Hz - 200 Hz (±3 dB) 28 Hz - 200 Hz (-10 dB)
Manufacturing Consistency	30 Hz to 250 Hz (±3 dB)
Nominal Directivity (-6dB)	Omnidirectional
Recommended Amplifier	≥ 1600 W @ 8Ω (no clip) in specified frequency response
Recommended Crossover	LPF: 70 Hz - 250 Hz 24 dB/oct Linkwitz-Riley HPF: 30 Hz 24dB/ Oct Linkwitz-Riley
Crossover	No, active usage only with external electronic crossover, Fane recommended DSP
Low Frequency Driver	Precision Devices transducer, 8Ω impedance 18" (460 mm) diameter, high temperature voice coil on glass fibre former

Flying Hardware	3 point flying system
Connector	2 Neutrik Speakon NL4
Connection Mode	1± LF / 2± N/C
Cabinet	CNC made with tongue and groove assembly, 15 mm exterior grade, void-free, birch plywood
Finish	Black Polyurea Coating
Cabinet Size (HxWxD)	660 x 800 x 800 mm
Shipping Carton Size (HxWxD)	765 x 900 x 900 mm
Weight	65 kg net 69 kg gross



H1-118S

STORM SERIES



FEATURES

- + 900 W (AES) power handling.
- + 132 dB continuous SPL output.
- + Equipped with premium 18" Fane driver.
- + 45 - 600 Hz usable frequency range.
- + Void-free birch plywood enclosure construction.
- + Black Polyurea paint finish.
- + Twin Neutrik Speakon NL4MP connectors.

APPLICATIONS

- + Bass reinforcement for main PA systems in touring or permanent installations.
- + Suitable for small to medium stages, indoor or outdoor live performances, arenas, nightclubs, auditoriums and theatres.



STORM H1-118S

18-INCH, HYBRID HORN LOADED, PASSIVE SUBWOOFER SYSTEM

The hybrid horn loaded design of the Storm H1-118S offers a compact system footprint, while retaining the ability to produce high-intensity bass with superb definition. Perfect for use in smaller spaces, permanent install, outdoor concert sound, nightclubs and auditoriums. The H1-118S perfectly compliments, the Storm H1-212MH delivering smooth and even sound reproduction and the necessary SPL to support it.

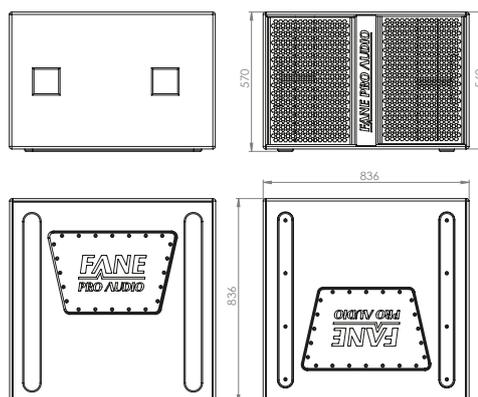
The H1-118S is designed to be used in multiples of no less than two with each system stack being co-located for best results. Four co-located units will give optimal performance, above this number will provide slightly deeper bass with slightly increased SPL.

The cabinet is constructed from 18 mm, void-free birch plywood with tongue and groove assembly and integrated handles. Two black powder coated, hexagonal grilles offer protection to the driver components and the cabinet is finished with a black polyurea paint.



Power Handling Program Peak	900 W (AES) 1800 W 3600 W
Nominal Impedance	8 Ω (8.8 Ω minimum at 60Hz)
Average Sensitivity	102 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	132 dB (continuous) 134 dB (program) 137 dB (peak)
Frequency Response (-6dB)	45 Hz - 600 Hz
Manufacturing Consistency	55 Hz to 300 Hz (±3 dB)
Nominal Directivity (-6dB)	Omnidirectional
Recommended Amplifier	≤ 1600 W @ 8Ω (no clip) in specified frequency response
Recommended Crossover	LPF: 70 Hz - 250 Hz 24 dB/oct Linkwitz-Riley HPF: 45 Hz 24dB/ Oct Linkwitz-Riley
Crossover	No, active usage only with external electronic crossover.
Low Frequency Driver	Fane transducer, 8Ω impedance 18" (460 mm) diameter, 4" high temperature voice coil on glass fibre former

Connectors	2 Neutrik Speakon NL4MP
Cabinet	CNC made with tongue and groove assembly, 18 mm and 24 mm exterior grade, void-free, birch plywood
Finish	Black Polyurea Coating
Cabinet Size (HxWxD)	560 x 836 x 836 mm
Shipping Carton Size (HxWxD)	628 x 904 x 904 mm
Weight	70 kg net 78 kg gross



H1-212MH

STORM SERIES



FEATURES

- + 800 W (AES) power handling.
- + 133 dB continuous SPL output.
- + Equipped with premium Fane drivers.
- + 60° x 40° Rigid polyurethane horn with 2" throat.
- + 80 - 18500 Hz usable frequency range.
- + Void-free birch plywood enclosure construction.
- + Black Polyurea paint finish.
- + Twin Neutrik Speakon NL4MP connectors.
- + Flush mounted fly-track installed with reinforced internal steel back plates.

APPLICATIONS

- + Long throw main PA reinforcement in permanent installations, outdoor sound, nightclubs and large auditoriums.



STORM H1-212MH

DUAL 12-INCH, LONG THROW, HORN LOADED, PASSIVE LOUDSPEAKER SYSTEM

The Storm H1-212MH loudspeaker stands as a remarkably efficient 2-way mid/high system, meticulously crafted for applications that demand long-throw main PA reinforcement. Its versatility extends to various settings, including permanent installations, dynamic outdoor concert soundscapes, bustling nightclubs, and grand auditoriums. Notably, the H1-212MH is ingeniously designed to seamlessly integrate with Storm series subwoofer systems, culminating in a holistic performance that redefines excellence.

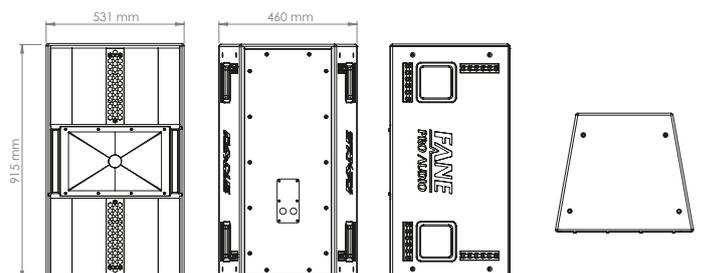
This sonic powerhouse delivers an awe-inspiring level of sound pressure, ensuring a spectacular auditory experience marked by smooth and consistent sound dispersion. A noteworthy feature is its adaptability for horizontal array configurations, allowing for optimal coverage of larger spaces. The inclusion of a flush-mounted fly-track system, fortified with robust internal brackets, adds a layer of versatility by accommodating diverse flying setups, enabling the H1-212MH to adapt to varying venue requirements.

Crafted with unwavering attention to detail, the cabinet of the H1-212MH is meticulously assembled from 18mm void-free birch plywood, showcasing the application of precision tongue and groove techniques. Integrated handles enhance portability, contributing to its user-friendly design. The dual 12-inch driver components are well-guarded by two black powder-coated hexagonal grilles, ensuring durability while maintaining an aesthetic appeal. The cabinet's visual finesse is crowned with a tasteful black polyurea finish, reflecting both its technical sophistication and aesthetic refinement, making the H1-212MH a truly exceptional loudspeaker in every aspect.



Power Handling Program Peak	800 W (AES) 1600 W 3200 W
Nominal Impedance	LF: 8 Ω, MF/ HF: 8 Ω
Average Sensitivity	104 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	133 dB (continuous) 136 dB (program) 139 dB (peak)
Frequency Response (-6dB)	80 Hz - 18.5 kHz
Manufacturing Consistency	100 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	60° (H) x 40° (V) ≥1.8 kHz
Recommended Amplifier	≤ 1000 W @ 8Ω (no clip) in specified frequency response
Recommended Low Cut	70 Hz 24dB/ Oct Linkwitz-Riley
Crossover	Passive @ 1 kHz
Low Frequency Driver	2 Fane transducers, 16Ω impedance 12" (300 mm) diameter, 3" high temperature voice coil on glass fibre former
High Frequency Driver	High frequency driver, 2" (50.8mm) exit with 2.85" voice coil, titanium diaphragm

Flying Hardware	8x M8 points with internal metal brackets 8x Aircraft-grade, 6 hole flytrack installed
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 18 mm and 24 mm exterior grade, void-free, birch plywood
Finish	Black Polyurea Coating
Cabinet Size (HxWxD)	915 x 531 x 460 mm
Shipping Carton Size (HxWxD)	979 x 595 x 524 mm
Weight	48 kg net 56 kg gross



H1-2185

STORM SERIES



FEATURES

- + 2400 W (AES) power handling.
- + 137 dB continuous SPL output.
- + Equipped with dual premium 18" Fane drivers with 5" Voice coil Neodymium magnates.
- + 35 - 600 Hz usable frequency range.
- + Void-free birch plywood enclosure construction.
- + Black Polyurea paint finish.
- + Twin Neutrik Speakon NL4MP connectors.

APPLICATIONS

- + Bass reinforcement for main PA systems in touring or permanent installations.
- + Suitable for medium to large stages, indoor or outdoor live performances, arenas, nightclubs, auditoriums and theatres.



STORM H1-218S

DUAL 18-INCH, HYBRID HORN LOADED, PASSIVE SUBWOOFER SYSTEM

The Storm H1-218S subwoofer system is suitable for bass reinforcement for main PA systems, touring or permanent installation in medium to large stages, indoor or outdoor live performances, arenas, auditoriums and theatres.

The H1-218S is constructed to follow the same footprint as two H1-118S systems with chambers connected by a large central horn mouth. Providing a smoother look over two H1-118S models and producing a massive 137 dB continuous SPL output from 40 - 500 Hz @ -6dB.

Featuring two high-power, 18-inch, 5-inch voice coil, Fane Neodymium drive units with 98dB sensitivity. The H1-218S can be used individually or in multiples through ground stacking. The systems rugged skids align with mirrored recesses on the top on the enclosure for safe and secure stacking configurations.

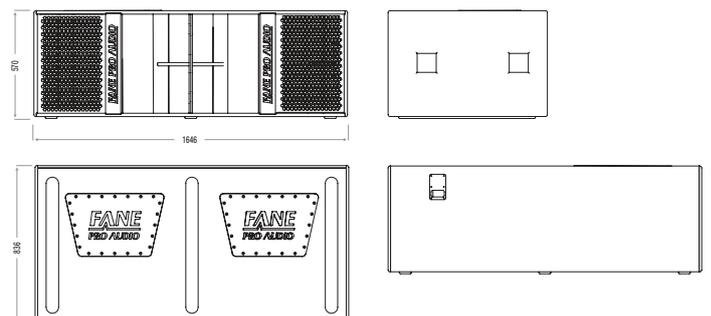
The cabinet is constructed from 18 mm void-free, birch plywood with tongue and groove assembly and flush integrated side handles. The front of the enclosure and driver components are protected by two black, dual layer coated (powder + acrylic), acoustically transparent, steel grilles with hexagonal pattern.

The enclosure is built to withstand the rigours of professional use, making it an ideal addition to any professional audio setups. Whether it's delivering heart-pounding beats or adding depth to the music, the H1-218S takes audio experiences to new heights



Power Handling Program Peak	2400 W (AES) 4800 W 9600 W
Nominal Impedance	4 Ω (6.2 Ω minimum at 60Hz)
Average Sensitivity	105 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	137 dB (continuous) 140 dB (program) 142 dB (peak)
Frequency Response (-6dB)	40 Hz- 500 Hz
Manufacturing Consistency	55 Hz to 300 Hz (±3 dB)
Nominal Directivity (-6dB)	Omnidirectional
Recommended Amplifier	≤ 2500 W @ 4Ω (no clip) in specified frequency response
Recommended Crossover	LPF: 70 Hz - 250 Hz 24 dB/oct Linkwitz-Riley HPF: 35 Hz 24dB/ Oct Linkwitz-Riley
Crossover	No, active usage only
Low Frequency Driver	Fane transducer, 8Ω impedance 18" (460 mm) diameter, 5" high temperature voice coil on glass fibre former

Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 18 mm exterior grade, void-free, birch plywood
Finish	Black Polyurea Coating
Cabinet Size (HxWxD)	573 x 1646 x 836 mm
Shipping Carton Size (HxWxD)	680 x 1750 x 942 mm
Weight	140 kg net 156 kg gross



STORM ULTRA 3

STORM SERIES



FEATURES

- + 1000 W (AES) power handling.
- + 132 dB continuous SPL output.
- + Equipped with premium Fane driver components.
- + 35 - 18500 Hz usable frequency range.
- + Void-free birch plywood enclosure construction.
- + Black Polyurea paint finish.
- + Neutrik Speakon NL8MP connectors.

APPLICATIONS

- + Near field main PA reinforcement, front of house with medium throw.
- + Can be used with or without subwoofer in permanent installations such as nightclubs, bars, auditoriums and arenas.



STORM ULTRA 3

THREE WAY PASSIVE LOUDSPEAKER SYSTEM

The Storm Ultra 3 is a versatile three-way system that excels in a variety of applications. It's particularly well-suited for near-field main PA reinforcement and front-of-house setups with medium throw distances. Additionally, it's an ideal choice for permanent installations in clubs and bars, whether used independently or in conjunction with a subwoofer. For larger venues, the unit can be easily suspended using its integrated M8 Flying points.

Covering an impressive frequency range from 35Hz to 18kHz, the Ultra 3 delivers powerful bass and remarkable presence. The system features two 12-inch low-frequency drivers in a horn-loaded configuration, complemented by three sealed 8-inch mid-range drivers. The package is further enhanced with three 1-inch compression drivers mounted on 60° x 80° low-resonance constant directivity horns. The addition of an angled downfill in the lower portion of the mid/high section expands the already impressive coverage area of the Ultra 3.

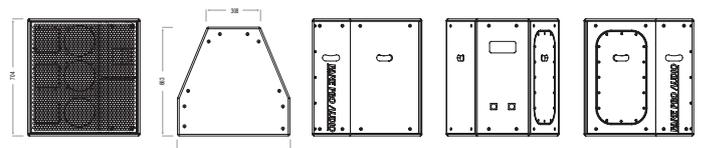
Crafted with precision, the cabinet of the Ultra 3 is constructed from 18mm void-free birch plywood, skilfully assembled using tongue and groove techniques. Built-in handles provide convenience, while a black powder-coated hexagonal grille offers optimal protection for internal components. The cabinet is finished with a black polyurea paint.

To power the system effectively, a robust amplifier capable of delivering 2000W (4 ohms) is required for the bass section. Another amplifier delivering 1500W (8 ohms) is necessary for the mid/high section. With its exceptional audio performance and adaptability, the Storm Ultra 3 stands ready to impress across a wide range of settings and applications.



Power Handling Program Peak	1000 W (AES) 2000 W 4000 W
Nominal Impedance	4 Ω
Average Sensitivity	102 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	132 dB (continuous) 135 dB (program) 138 dB (peak)
Frequency Response (-6dB)	35 Hz - 18.5 kHz
Manufacturing Consistency	50 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	80° (H) x 60° (V) ≥ 1800 Hz
Recommended Amplifier	≤ 1500 W @ 4Ω (no clip) in specified frequency response
Recommended Low Cut	Full range: 30 Hz 24dB/ Oct Linkwitz-Riley
Crossover	Active three way crossover required
Low Frequency Driver	2x Fane transducer, 8Ω impedance (4 Ω load) 12" (304 mm) diameter, 4" high temperature voice coil on glass fibre former
Mid Frequency Driver	3x Fane transducer, 12 Ω impedance (4 Ω load) 8" (203.2 mm) diameter, 2" high temperature voice coil on glass fibre former
High Frequency Driver	3x Fane High frequency driver, 12 Ω impedance (4 Ω load), 1" (25.4mm) exit with 1.73" voice coil, titanium diaphragm

Flying Hardware	8 xM8 points with internal metal brackets
Connectors	2 Neutrik Speakon NL8MP
Cabinet	CNC made with tongue and groove assembly, 18 mm and 24 mm exterior grade, void-free, birch plywood
Finish	Black Polyurea Coating
Cabinet Size (HxWxD)	704 x 675 x 633 mm
Shipping Carton Size (HxWxD)	774 x 740 x 723 mm
Weight	67.5 kg net 74.3 kg gross



STORM ULTRA 218S

STORM SERIES



FEATURES

- + 2000 W (AES) power handling.
- + 135 dB continuous SPL output.
- + Equipped with premium Fane drivers.
- + 30 - 250 Hz usable frequency range.
- + Void-free birch plywood enclosure construction.
- + Black Polyurea finish.
- + Twin Neutrik Speakon NL4MP connectors.
- + DSP preset support for XTA available.

APPLICATIONS

- + Bass reinforcement for main PA systems, touring or permanent installations.
- + Suitable for medium to large stages, indoor or outdoor live performances, arenas, auditoriums and theatres.



STORM ULTRA-218S

DUAL 18-INCH, HYBRID, PASSIVE SUBWOOFER SYSTEM

The Storm Ultra 218S presents itself as a remarkably compact and user-friendly dual 18-inch subwoofer. It perfectly complements other Fane Pro Audio systems, boasting an impressively smooth and flat frequency response. This system is tailor-made for enhancing bass output in main PA setups, whether for touring, permanent installations, or medium to large stages. Its versatility extends to both indoor and outdoor live performances, arenas, auditoriums, and theatres.

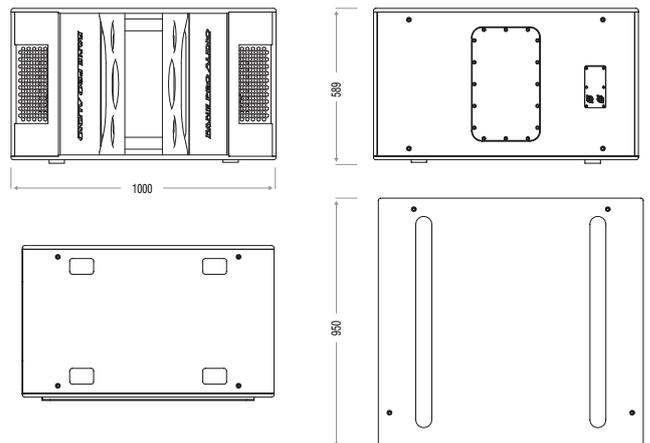
The innovative hybrid bandpass design integrates two 18-inch low-frequency drivers with 5" voice coils arranged in a push-pull configuration. With a sensitivity of 98 dB and a frequency range spanning from 30 to 250 Hz, the Ultra 218S showcases its prowess by delivering an astonishing 135 dB continuous SPL output. This exceptional performance makes it suitable for individual use or multiple units in ground stacking arrangements. Additionally, its design allows for vertical orientation when space is limited.

The enclosure of the Storm Ultra 218S is visually captivating, constructed from robust 18mm exterior-grade birch plywood. Integrated handles ensure easy manoeuvrability, and its exterior is finished with a black polyurea paint, ready to withstand the demands of various environments. The rear of the enclosure features two protective, hexagon-patterned grilles made of black powder-coated steel, positioned adjacent to the dual side ports. For secure stacking configurations, the system boasts twin rugged skids that align with mirrored recesses on the top of the enclosure, enhancing stability and safety.



Power Handling Program Peak	2000 W (AES) 4000 W 8000 W
Nominal Impedance	4 Ω
Average Sensitivity	102 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	135 dB (continuous) 138 dB (program) 141 dB (peak)
Frequency Response (-6dB)	35 Hz - 250 Hz
Manufacturing Consistency	35 Hz to 200 Hz (±3 dB)
Nominal Directivity (-6dB)	Omnidirectional
Recommended Amplifier	≤ 2500 W @ 4Ω (no clip) in specified frequency response
Recommended Crossover	LPF: 70 - 250 Hz 24 dB/ Oct Butterworth/ Linkwitz-Riley HPF: 30 Hz 24dB/ Oct Linkwitz-Riley
Crossover	No, active usage only with external electronic crossover, Fane recommended DSP
Low Frequency Driver	2 Fane transducers, 8Ω impedance 18" (460 mm) diameter, 5" high temperature voice coil on glass fibre former

Pole Mount	N/A
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 18 mm and 24 mm exterior grade, void-free, birch plywood
Finish	Black Polyurea Coating
Cabinet Size (HxWxD)	1000 x 589 x 950 mm
Shipping Carton Size (HxWxD)	1060 x 636 x 1010 mm
Weight	90 kg net 98 kg gross



HA SERIES

POWER AMPLIFIERS





HA SERIES

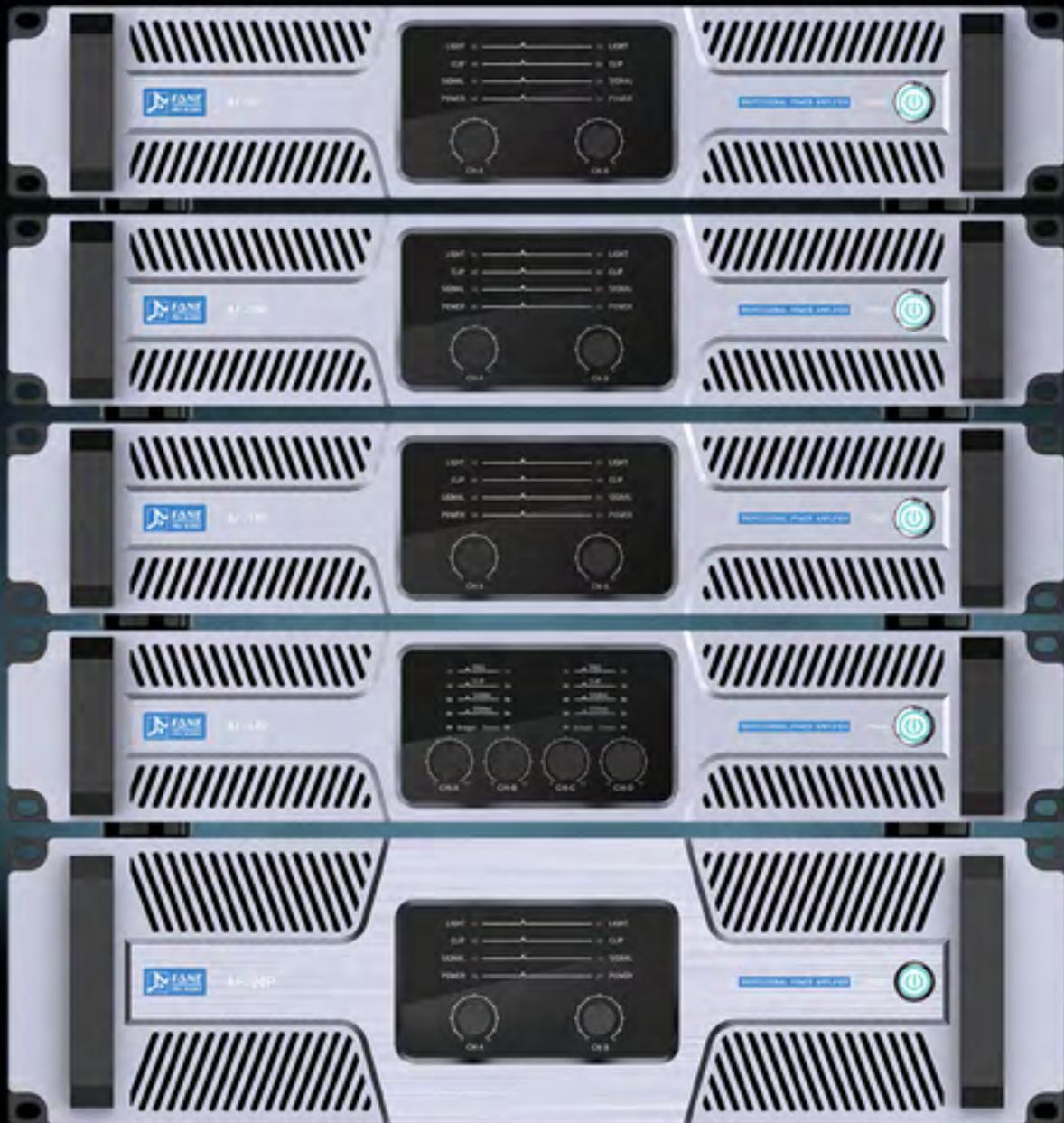
HA SERIES POWER AMPLIFIERS - HA-600 / HA-800



Model	HA-600	HA-800
8Ω, Dual Channel Drive	600 W	800 W
8Ω, Single Channel Drive	650 W	850 W
4Ω, Dual Channel Drive	800 W	1000 W
4Ω, Single Channel Drive	850 W	1050 W
2Ω, Dual-Channel Drive, 1% Clipping	400 W	500 W
Signal to Noise (20 Hz - 20 kHz)	100 dB	
Input Sensitivity	1.0 Vrms	
Voltage Gain (8Ω)	32.2 dB	
Output Circuit	Level 2 H	
Power Requirements (1/8 power, pink noise at 4Ω 220V AC)	6.5 A	
Distortion (1 dB lower than rated power, 1kHz)	8Ω, less than 0.02% / 4Ω, less than 0.05%	
Frequency Response	20 - 20 kHz, +0, -1dB	
Dynamic Headroom, 4Ω	2 dB	
Input Resistance	More than 20K ohms (balanced or unbalanced)	
Maximum Input Level	+20 dB (10 Vrms)	
Input Connector, each channel	3-pin XLR and 1/4" TRS, balanced, parallel sound, unbalanced	
Output Connector, each channel	Speakon, 1/4", terminal	
Amplifier and Load Protection	Short circuit, short circuit, thermal and RF protection, load protection against DC faults	
Product Size (W*D*H)	483 x 368 x 99 mm	
Packing Size (W*D*H)	590 x 460 x 155 mm	
Net Weight/ Gross Weight	15.3 kg / 16.9 kg	16.9 kg / 18.5 kg

AF SERIES

POWER AMPLIFIERS





AF SERIES

AF SERIES PROFESSIONAL POWER AMPLIFIERS - AF-8P / AF-10P / AF-13P / AF-48P / AF-20P



Model		AF-8P	AF-10P	AF-13P	AF-48P	AF-20P (3U)
Output Power	Stereo	2x 800W / 8Ω	2x 1000W / 8Ω	2x 1300W / 8Ω	4x 800W / 8Ω	2x 2000W / 8Ω
		2x 1300W / 4Ω	2x 1600W / 4Ω	2x 2200W / 4Ω	4x 1200W / 8Ω	2x 3200W / 4Ω
	Bridge	2200W / 8Ω	2600W / 8Ω	3200W / 8Ω	2x 2000W / 8Ω	3600W / 8Ω
Damping Factor 400 Hz - 1000 Hz		> 400	> 450	> 500	> 400	> 600
Total Harmonic Distortion		< 0.1% @81 kHz Ω				
Frequency Response		30 Hz - 20 kHz (+1/-0.5dB)				
Signal To Noise Ratio		> 95dB				
Voltage Gain		60dB				
Crosstalk		> 75dB				
Input Sensitivity / Impedance		0.775/ 1.0 /1.4V				
Protection		Soft Start, Short Circuit, Limiter, DC Fault, AC Line Fuse, Thermal Cut				
Mains Power Supply		AC 180V-240V/ 50Hz				
Dimensions (W*D*H)		485 x 485 x 100 mm				485 x 510 x 145 mm
Packaging Dimensions (W*D*H)		555 x 555 x 155 mm				555 x 555 x 195 mm
Maximum Power Consumption		1800W	2300W	2800W	3500W	5000W
Gross Weight		20 Kg	21 Kg	22 Kg	24 Kg	38 Kg

N-40

SWITCHING POWER AMPLIFIER





N-40

SWITCHING POWER AMPLIFIER



8Ω Stereo Power (RMS)	4 x 1300 W
4Ω Stereo Power (RMS)	4 x 2485 W
2Ω Stereo Power (RMS)	4 x 2500 W
8Ω bridge power	2 x 4400 W
4Ω bridge power	2 x 4800 W
Frequency Response	20 Hz-20 kHz ±0.5dB
Input Resistance	20 KΩ Balanced, 10 KΩ Unbalanced
THD+N (Rated power, 4Ω/1kHz)	0.10%
Signal to Noise Ratio	110 dB
Damping Coefficient	800
Protection Method	Short circuit, open circuit, DC, thermal, RF, VLF circuit peak limiter (CPL) protection
Voltage Range	220V / 50-60 Hz
Product Size	88 x 483 x 380 mm
Package Size	175 x 575 x 485 mm
Net Weight	13.27 kg
Gross Weight	14.5 kg

KM-100

MICROPHONE



FEATURES

- + Streamlined appearance design, user-friendly operation interface, beautiful and generous.
- + High-definition LCD display, intuitive and clear.
- + The sound curve has been carefully tuned, and the sound is warm and transparent.
- + Lockable control function selection.
- + Features high-performance audio processing chip, ultra-low distortion sound processing circuit design.
- + The ultra-high frequency dynamic compression and shunt technology automatically shunts the high and low frequencies to show better dynamic performance.



KM-100

MICROPHONE

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Frequency Range	645 - 693 MHz
Receive Sensitivity	-95 - 60 dBm can be equipped with 100 private rooms without serial frequency
Receiving Method	Superheterodyne Secondary Frequency Conversion
Debug Mode	Frequency Modulation (FM)
Receiving Range	20-30 meters
Adjustable Channels	100*2
Power Specifications	220-230V, 50-60Hz, 12 VDC (switching power adapter)
Power Specifications	220 VDC, 50-60 Hz 12 (Linear power supply)
Battery	Two AA batteries

KV-260

DIGITAL SIGNAL PROCESSOR





KV-260

DIGITAL SIGNAL PROCESSOR



FEATURES

- + Microphone muffler setting, independent pressure limit design; frequency shift 2Hz-8Hz optional feedback suppression, and optional "OFF".
- + Supports VOD infrared interface to control the machine.
- + The 15-segment PEQ of the microphone can be individually adjusted, full digital audio processing system, stereo DSP multiple digital reverberation and more professional vocal effect.
- + Uses the latest ADI five-series chips, 64-Bit high-speed dual-core DSP processor.
- + The effect channel is independently equipped with high-pass, low-pass, reverb and echo with 5-band parametric equalisation (PEQ) and other functions.
- + Each output channel is equipped with 7-segment parametric equalisation (PEQ), high and low pass adjustment, mixing ratio, polarity, delay, pressure limit and gain function.
- + The music channel has a 9-band PEQ stereo equaliser, and automatically recognises the optical audio digital input.

Music Port Maximum Input Level	+21 dBu (8.7 V RMS)
Output Channel Maximum Output Level	+21 dBu (8.7 V RMS)
Microphone Input Sensitivity	640 mV (out: 8.7 V)
Signal To Noise Ratio	> 100 dB
Adapt To Power	220V / 50 Hz
Equipment Net Weight	3.2 kg
Device Size (L*W*H)	2483 x 255 x 44 mm

MP-ONE

DIGITAL MULTIFUNCTIONAL PROCESSOR



FEATURES

- + Dual DSP chip processing, dual voltage limit function, maximum protection of audio equipment.
- + 96kHz high sample rate design improves the density and texture of sound resulting in a more accurate representation of the source signal.
- + Balanced input ports, supports hot-swap technology, users do not need to worry about whether to operate live, plug and play, no need to switch.
- + The effect is dynamically adjusted to make the voice more appealing.
- + Built-in audio test system can accurately measure audio data, which is convenient for practical users to adjust the system to the ideal sound faster and more accurately.



MP-ONE

DIGITAL MULTIFUNCTION PROCESSOR



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Music Port Maximum Input Level	+21 dBu (8.7V RMS)
Output Channel Maximum Output Level	+21 dBu (8.7V RMS)
Microphone Input Sensitivity	640 mV (out: 8.7V)
Signal to Noise Ratio	> 110 dB
Adapt to Power	220 V / 50 Hz
Equipment Net Weight	3.9 Kg
Device Size (length, width, height)	483 x 255 x 44 mm



FIND OUT MORE ONLINE
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