



Loud ProfessionalTM



General Catalogue

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Formula F210

Dedicated Four-way Line-Array enclosure

Formula F210 is the latest Loud Pro Line Array generation system, designed to meet the needs of the most challenging audio market users. A plenty full-bandwidth low frequency response, extended down to 65 Hz, allows the system to be used without subwoofer units in many applications where additional low frequency extension is not required. Its special design enables to achieve the best performances you cannot expect in a really compact and lightweight enclosure, performing in every kind of applications where hight output SPL, extended and really flat response, uniformity and great off axis coherence are required. F210 combines two generous long excursion 10in. Low-Mid woofer, two 5in. midranges and two 1in. compression drivers giving a dispersion of 90 degrees and 10 degrees on the horizontal and vertical axis. The two 5in. cone-paper Midranges, the heart of the system, have a really wide operating range from 350 Hz up to 4 kHz concentrating all the mid frequencies reproduction in only one section giving a truly smooth and flat response. Its special phase plug provides a coherent wavefront output without internal diffraction for a clean and undistorted frequency response. Avoiding undesirable conflicts between the crossover regions in a critical and focal point as the medium range, F210 is focused to obtain the maximum intelligibility. The accuracy and the precision of the response make both instruments and vocal intelligibility incomparable!

Supported in the lower frequencies by a pair of powerful 10in. Low-Mid woofers the system extends its range down to 65Hz without stress.

Thanks to the special Band-pass & horn loaded design the prompt and fast transient response is unique as you've never heard before! A greater impact for a special sonic experience is guaranteed. Concluding the system configuration the Formula Medium-Hi frequency section consists in two particular compression drivers combined to a proprietary double parabolic planar wave guide. This special long throw device is characterized by a crystal and transparent sound transferring a comfortable flat and smooth response. Once Again, great is the coherence of the Horizontal and vertical dispersion where the Mid-Hi perfect acoustical coupling of individual units is maximized creating a continuous line source.

Easiest is the system setup thanks to the proprietary box integrated Formula quick rigging solution. A three units dolly makes both transportation and building set up easier. Only two people can manage the maximum configurable 24 elements array.

A complete range of rigging accessories make easier and faster all the deployments such as ceiling-mounted or stacked offering multiple set-up options and various orientations.

Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability.

The F210 cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

The system can be as well matched with all the most challenging Loud Professional Formula & VH Subwoofers, significantly boosting its LF extension.

Applications: Large Open Air Venues, Arenas, Stadiums, Theaters, Conference Halls, Concert Halls, Large Scale Discos & Clubs.

Applications: Touring || Theatre || Congress || Club

Formula Series



Transducers:	2 x 10in. Low-Mid woofer Band-pass loaded
	2 x 5in. Midrange Horn loaded, 2 x 1in. exit comp. driver Horn Loaded
Frequency range:	60 Hz - 21 kHz +/-4dB
Crossover points	LMF/MF/HF: 65 Hz/350/3.2 kHz (HPF)
Power handling:	LMF/MF/HF: 1200/720/320 W Program
Sensitivity:	LMF/MF/HF: 102/109/116.5dB 1W@1mt
Nominal coverage:	90°H/10°V (@-6dB point)
Nominal impedance:	LMF/MF/HF: 8+8/6/8 Ω
Input connections:	Two Speakon™ NL8 paralleled connectors

Enclosure construction:	
Shell:	18mm 13 Ply birch
Finish:	Black PCP (Polyurea Cabinet Protection) finish
Grille:	Powder coated 2mm Metal Rigid Grille
Dimensions:	
Height front:	328mm(12,91in.)
Height back:	247,5mm(9,74in.)
Width front:	924mm(36,37in.)
Width back:	924mm(36,37in.)
Depth:	466mm(18,34in.)
Net weight:	42kg(92lbs)

Features <<
 Dedicated Four-way Line-Array enclosure <<
 Special Band-pass & Horn loaded Design <<
 Very high performances <<
 Full-bandwidth system, 60 Hz - 21kHz <<
 Floor & Sub Stacking possibility <<
 Proprietary Integrated fast rigging <<
 Black PCP (Polyurea Cabinet Protection) finish <<
 Protection Bag <<
 Single Skate & Dolly (3units) <<

Formula F212

Dedicated Four-way Line-Array enclosure

Formula F212 is the latest Loud Pro Line Array generation designed to meet the needs of the most challenging audio market users. A plenty full-bandwidth low frequency response, extended down to 65 Hz, allows the system to be used without subwoofer units in many applications where additional low frequency extension is not required. Its special all horn loaded design enables to achieve the best performances you cannot expect in a really compact and lightweight enclosure, performing in every kind of applications where high SPL outputs, extended and really flat response, uniformity and great off axis coherence are required. F212 combines two generous long excursion 12in. Low-Mid woofers, two 6.5in. midranges and three 1in. compression drivers giving a dispersion of 90 degrees and 10 degrees on the horizontal and vertical axis. The two 6.5in. cone-paper Midranges, the heart of the system, have a really wide operating range from 350 Hz up to 3 kHz concentrating all the mid frequencies reproduction in only one section giving a truly smooth and flat response. Its special phase plug provides a coherent wave front output without internal diffraction for a clean and undistorted frequency response. Avoiding undesirable conflicts between the crossover regions in a critical and focal point as the medium range, F210 is focused to obtain the maximum intelligibility. The accuracy and the precision of the reproduction make both, the instruments and vocal intelligibility incomparable! Supported in the lower frequencies by a pair of powerful 12in. Low-Mid woofers the system extends its range down to 65Hz without stress. Thanks to the special Band-pass & horn loaded design the prompt and fast transient response is unique as you've never heard before! A greater impact for a special sonic experience is guaranteed. Concluding the system configuration the Formula Medium-Hi frequency section consists in three particular compression drivers combined to a proprietary double parabolic planar wave guide. This special long throw device is characterized by a crystal and transparent sound transferring a comfortable flat and smooth response. Once Again, great is the coherence of the Horizontal and vertical dispersion where the Mid-Hi perfect acoustical coupling of individual units is maximized creating a continuous line source. Easiest is the system setup thanks to the proprietary box integrated Formula quick rigging solution. A three units dolly makes both transportation and building set up easier. Only two people can manage the maximum configurable 24 elements array. A complete range of rigging accessories make easier and faster all the deployments such as ceiling-mounted or stacked offering multiple set-up options and various orientations.

Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability.

The F212 cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

The system can be as well matched with all the most challenging Loud Professional Formula & VH Subwoofers, significantly boosting its LF extension.

Applications: Large Open Air Venues, Arenas, Stadiums, Theaters, Conference Halls, Concert Halls, Large Scale Discos & Clubs.

Applications: Touring || Theatre || Congress || Club



Transducers:	2 x 12in. Low-Mid woofer Horn & Reflex loaded, 2 x 6.5in. Midrange Horn loaded, 3 x 1in. exit comp. driver Horn loaded
Frequency range:	60 Hz - 21 kHz +/-4dB
Crossover points	LMF/MF/HF: 65 Hz/350/3.2 kHz (HPF)
Power handling:	LMF/MF/HF: 4.000/720/480 W Program
Sensitivity:	LMF/MF/HF: 106/109/116.5dB 1W@1mt
Nominal coverage:	90°H/10°V (@-6dB point)
Nominal impedance:	LMF/MF/HF: 8+8/8/5.3 Ω
Input connections:	Two Speakon™ NL8 paralleled connectors

Enclosure construction:	
Shell:	18mm 13 Ply birch
Finish:	Black PCP (Polyurea Cabinet Protection) finish
Grille:	Powder coated 2mm Metal Rigid Grille
Dimensions:	
Height front:	445mm(17,52in.)
Height back:	350mm(13,78in.)
Width front:	1250mm(49,21in.)
Width back:	1250mm(49,21in.)
Depth:	625mm(24,61in.)
Net weight:	106kg(233,69lbs)

Features <<

Dedicated Four-way Line-Array enclosure <<

All Horn Loaded Design <<

Dual Hybrid Low-Mid section Reflex & Horn Loaded <<

Very high performances <<

Full-bandwidth system, 60 Hz - 21 kHz <<

Floor & Sub Stacking possibility <<

Proprietary Integrated fast rigging <<

Black PCP (Polyurea Cabinet Protection) finish <<

Protection Bag <<

Single Skate & Dolly (3units) <<

Formula Series

Formula F215

Dedicated Four-way Line-Array enclosure

Formula F215 is the latest Loud Pro Line Array generation designed to meet the needs of the most challenging audio market users. A plenty full-bandwidth low frequency response, extended down to 50 Hz, allows the system to be used without subwoofer units in many applications where additional low frequency extension is not required. Its special Band-pass & horn loaded design enables to achieve the best performances you cannot expect in a really compact and lightweight enclosure, performing in every kind of applications where hight SPL outputs, extended and really flat response, uniformity and great off axis coherence are required. F215 combines two generous long excursion 15in. Low-Mid woofers, two 6.55in. midranges and three 1in. compression drivers giving a dispersion of 90 degrees and 10 degrees on the horizontal and vertical axis. The two 6.5in. cone-paper Midranges, the heart of the system, have a really wide operating range from 35 Hz up to 3 KHz concentrating all the mid frequencies reproduction in only one section giving a truly smooth and flat response. Its special phase plug provides a coherent wave front output without internal diffraction for a clean and undistorted frequency response. Avoiding undesirable conflicts between the crossover regions, in a critical and focal point as the medium range, F215 is focused to obtain the maximum intelligibility. The accuracy and the precision of the reproduction make both, the instruments and vocal intelligibility incomparable! Supported in the lower frequencies by a pair of powerful 15in. Low-Mid woofers the system extends its range down to 50Hz without stress. Thanks to the special Band-pass & horn loaded design the prompt and fast transient response is unique as you've never heard before! A greater impact for a special sonic experience is guaranteed. Concluding the system configuration the Formula Medium-Hi frequency section consists in three particular compression drivers combined to a proprietary double parabolic planar wave guide. This special long throw device is characterized by a crystal and transparent sound transferring a comfortable flat and smooth response. Once Again, great is the coherence of the Horizontal and vertical dispersion where the Mid-Hi perfect acoustical coupling of individual units is maximized creating a continuous line source. Easiest is the system setup thanks to the proprietary box integrated Formula quick rigging solution. A three units dolly makes both transportation and building setup easier. Only two people can manage the maximum configurable 24 elements array. A complete range of rigging accessories make easier and faster all the deployments such as ceiling-mounted or stacked offering multiple set-up options and various orientations.

Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability.

The F215 cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

The system can be as well matched with all the most challenging Loud Professional Formula & VH Subwoofers, significantly boosting its LF extension.

Applications: Large Open Air Venues, Arenas, Stadiums, Theaters, Conference Halls, Concert Halls, Large Scale Discos & Clubs.

Applications: Touring || Theatre || Congress || Club



Transducers:	2 x 15in. Woofer Band-pass loaded, 2 x 6.5in. Midrange Horn loaded, 3 x 1in. exit comp. driver Horn loaded
Frequency range:	45 Hz - 21 kHz +/-4dB (37Hz @ -10dB)
Crossover points	LF/MF/HF: 40 Hz/350/3.2 kHz (HPF)
Power handling:	LF/MF/HF: 5.600/720/480 W Program
Sensitivity:	LF/MF/HF: 104/109/116.5dB 1W@1mt
Nominal coverage:	90°H/10°V (@-6dB point)
Nominal impedance:	LMF/MF/HF: 8+8/8/5.3 Ω
Input connections:	Two Speakon™ NL8 paralleled connectors

Enclosure construction:	
Shell:	18mm 13 Ply birch
Finish:	Black PCP (Polyurea Cabinet Protection) finish
Grille:	Powder coated 2mm Metal Rigid Grille
Dimensions:	
Height front:	445mm(17,52in.)
Height back:	350mm(13,78in.)
Width front:	1250mm(49,21in.)
Width back:	1250mm(49,21in.)
Depth:	625mm(24,61in.)
Net weight:	106kg(198lbs)

Features <<

Dedicated Four-way Line-Array enclosure <<

Special Band-pass & Horn loaded Design <<

Very high performances <<

Full-bandwidth system, 45 Hz - 21 kHz (37 Hz @ -10dB) <<

Floor & Sub Stacking possibility <<

Proprietary Integrated fast rigging <<

Black PCP (Polyurea Cabinet Protection) finish <<

Protection Bag <<

Single Skate & Dolly (3units) <<

Formula Series

Formula Sub F221

Dedicated Infra-bass enclosure

Push Loop Technology, All in One!

The Loud Pro Push Loop Technology represents a step forward in the lower frequency response compared to the traditional direct radiating vented box.

The double 21in. F221 Infra Bass unit, based on the Push Pull loading system combines three different technologies: Push Pull, Band Pass, and Horn Loading system, All in one! This particular compound design provides exceptional low frequency response down to 22Hz along with a better sound definition reducing two times the harmonic distortion in a really compact enclosure no larger than a typical single 21in. subwoofer system.

The pair of twins 21in., in a cone to magnet isobaric configuration, act like a single driver doubling the power handling (3000 + 3000 Watts Program) with a much larger motor resulting in more control of the woofer linear excursion.

They also provide lower frequency response compared to a single 21in. Vented design.

At the same time the Double Reflex Band Pass system produces significant performance benefits in terms of efficiency and deepest bass extension that would not be possible in conventional designs of equal size.

The Band Pass design allows a greater control over cone motion and upper low end region even reducing the harmonic distortion.

The third technology applied, the Horn Loading technique, combines the above mentioned effects with the high efficiency in terms of sound pressure level of the system, giving a sensitivity of 106dB.

Very impressive low frequency extension for a massive sound impact can be produced from the extremely compact F221 enclosure. All in one for a unique subwoofer system as you never heard before.

Applications: Large Open Air Venues, Arenas, Stadiums, Theaters, Conference Halls, Concert Halls, Large Scale Discos & Clubs.

Applications: Touring || Theatre || Congress || Club



Transducers:	2 x 21in. Long excursion woofer
	Push-pull, Band-pass & Horn loading system - all in one (Push Loop™ Technology)
Frequency range:	LF: 25 Hz-150 Hz +/-4dB
Crossover points	LF: 25 Hz/90 Hz HPF/LPF
Power handling:	LF: 8.000 W Program
Sensitivity:	106,5dB 1W@1mt
Nominal coverage:	Omni
Nominal impedance:	LF1 + LF2: 4 Ω
Input connections:	Two Speakon™ NL4 paralleled connectors

Enclosure construction:	
Shell:	18mm 13 Ply birch
Finish:	Black PCP (Polyurea Cabinet Protection) finish
Grille:	Powder coated 2mm Metal Rigid Grille
Dimensions:	
Height front:	620mm(24,41in.)
Height back:	620mm(24,41in.)
Width front:	1250mm(49,21in.)
Width back:	1250mm(49,21in.)
Depth:	1016mm(40in.)
Net weight:	125kg(176.36lbs)

Features <<

- Dedicated Sub/Bass enclosure <<
- Push Loop™ Technology <<
- Push-pull, Band-pass & Horn loaded 2 x 21in. woofer <<
- Powerful sonic impact <<
- High Sensitivity, 106,5dB 1W@1mt <<
- Sensational punch-bass <<
- Extended ultra low reproduction <<
- Interlocking sticks for safety when stacking <<
- Black PCP (Polyurea Cabinet Protection) finish <<
- Protection Bag, Single unit Skate, Three units Dolly <<

Formula Series

VH MH210H

Dedicated long throw Mid-Bass/Mid-hi enclosure

The VH e-motion Series is considered the early 2000's Loud Professional flagship from which came out our fundamental principles that became a true guideline. Controlled directivity, high efficiency, lower distortions, powerful bass and strong impact, wide dinamyc range, flat and smooth frequency response are some of the main features of the VH e-motion Series. Emotions are something that cannot be explained by a technical process. Emotions are feelings, sensations, perceptions, something magical! Wherever you move, horizontally and vertically, within the venue the mission is deliver the best quality listening experience never felt before! Giving exactly everyone the same emotions having an extraordinary sound impact never tiring the hearing for a clear, undistorted, well detailed and extended frequency response. This ambitious concept characterizes the VH e-motion Series from which it takes the name by the same emotions experienced on the Vertical "V" and horizontal "H" axis. The VH MH210H is a fully horn loaded dedicated Mid-Hi enclosure housing two 10in. (250mm) low-mid transducers and a special 2in. exit compression driver coaxially mounted on the LMF horn. The HF section consists in a special coaxial compression driver that comprises two diaphragms 1in in the same package, 1.75in. dedicated to the mid range and 3.5in. expressly dedicated to the Hi range. The result of using small format diaphragms instead of the competitors traditional large format, which are typically managed an octave lower, is a decreased distortion and an extremely linear and smooth response never tiring the ear at its most sensitive focal point. It means that VH M210H HF section delivers an incomparable high frequency response with much lower distortion than traditional single large format compression driver devices, mostly because of the two subunits working together all in one. A dedicated phase plug provides a coherent planar wavefront output without internal diffraction for a crystal and transparent sound. This particular device is combined with a conical waveguide giving a dispersion of 60deg. H x 40deg. V. The LMF section features two generous 10in. neodymium transducers mounted on constant directivity horn delivering a sensitivity of 114 dB @ 1 m/2.83V, a huge gain compared with traditional direct radiating drivers. The LMF/HF fully horn loaded coaxial design with no compromise offers the advantage of a superior sound impact, sonically the perception is a large source image, combined with a greater off-axis coherence. The ideal companion of this special device is the VH Bass215H, identical in shape, boosting its LF extension down to 60 Hz. A dedicated flybar kit and a proprietary fast rigging system allow to build large scale clusters of multiple vertical arrays up to 16 units. Each array can be configured coupling both of the VH MH210H and the VH Bass215H. Concluding the system configuration an infra bass unit further extends the response to the bottom end region down to 25 Hz. Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability. The system can be also ground stacked creating a massive wavefront output. The VH MH210H cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish. The system can be as well matched with all the most challenging Loud Professional VH Subwoofers boosting its LF extension.

Applications: Theaters, Conference Halls, Concert Halls, Large Scale Discos & Clubs.

Applications: Touring || Theatre || Congress || Club



Transducers: 2 x 10in. Low-Mid woofer Horn loaded,
2in.+1in. coaxial exit comp. driver Horn loaded

Frequency range: 160 Hz - 21 kHz +/-4dB
Crossover points LMF/MHF: 220 Hz/800 Hz
(5.5 kHz internal passive) (HPF)

Power handling: LMF/MHF: 900/500 W Program

Sensitivity: LMF/MHF: 110/110dB 1W@1mt

Nominal coverage: 50°H/40°V (@-6dB point)

Nominal impedance: LMF/MHF: 4/16 Ω

Input connections: Two Speakon™ NL8 paralleled connectors,
Speakon™ NL4 VH Sub-Bass out

Enclosure construction:

Shell: 18mm 13 Ply birch

Finish: Black PCP (Polyurea Cabinet Protection) finish

Grille: Powder coated 2mm Metal Rigid Grille

Dimensions:

Height front: 840mm(33.07in.)

Height back: 840mm(33.07in.)

Width front: 815mm(32.08in.)

Width back: 395mm(15.55in.)

Depth: 830mm(32.67in.)

Net weight: 80kg(176.36lbs)

Features <<

Dedicated long throw Mid-Bass/Mid-Hi enclosure <<

All Horn Loaded Design <<

Very high performances <<

Compact arrayable trapezoid cabinet <<

Neodymium magnets <<

Floor-Stacking possibility <<

Proprietary Integrated fast rigging <<

Interlocking sticks for safety when stacking <<

Black PCP (Polyurea Cabinet Protection) finish <<

Protection Bag <<

VH e-motion Series

VH Bass215H

Dedicated long throw Bass enclosure

The VH e-motion Series is considered the early 2000's Loud Professional flagship from which came out our fundamental principles that became a true guideline.

Controlled directivity, high efficiency, lower distortions, powerful bass and strong impact, wide dynamic range, flat and smooth frequency response are some of the main features of the VH e-motion Series. Emotions are something that cannot be explained by a technical process. Emotions are feelings, sensations, perceptions, something magical. Wherever you move, horizontally and vertically, within the venue the mission is to deliver the best quality listening experience never felt before! Giving exactly everyone the same emotions having an extraordinary sound impact never tiring the hearing for a clear, undistorted, well detailed and extended frequency response. This ambitious concept characterizes the VH e-motion Series from which it takes the name by the same emotions experienced on the Vertical "V" and horizontal "H" axis. The VH Bass215H is an advanced bass module expressly designed for really long throw applications that can be stacked or flown together in arrays with the VH MH210H extending the lower system response down to 60 Hz creating a massive wavefront output. It comprises two powerful 15in. LF transducers fully horn loaded delivering a sensational punch-bass reproduction, thanks to its special speaker design.

This high efficiency unit delivers extremely low distortion and coherent bass output from 60 Hz up to 220 Hz. The VH Bass215H is fully capable of operating without a Sub/Bass unit in applications where extreme LF performance is not required. It can be ideally combined with the VH Subwoofer or Formula Sub enclosures such as the VH Sub118/218R, 218H, 121H or F221 boosting its LF extension. Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability. The VH Bass215H cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

Applications: Theaters, Conference Halls, Concert Halls, Large Scale Discos & Clubs.

Applications: Touring || Theatre || Congress || Club



Transducers:	2 x 15in. Long excursion woofer
	Horn Loaded
Frequency range:	60 Hz - 800 Hz +/-4dB
Crossover points	LF: 60Hz - 220 Hz (HPF/LPF)
Power handling:	LF: 6.000 W Program
Sensitivity:	110dB 1W@1mt
Nominal coverage:	Omni
Nominal impedance:	LF: 4 Ω
Input connections:	Two Speakon™ NL4 paralleled connectors

Enclosure construction:	
Shell:	18mm 13 Ply birch
Finish:	Black PCP (Polyurea Cabinet Protection) finish
Grille:	Powder coated 2mm Metal Rigid Grille
Dimensions:	
Height front:	840mm(33.07in.)
Height back:	840mm(33.07in.)
Width front:	815mm(32.08in.)
Width back:	395mm(15.55in.)
Depth:	830mm(32.67in.)
Net weight:	80kg(176.36lbs)

Features <<

Dedicated long throw Bass enclosure <<

All Horn Loaded Design <<

Very high performances <<

Compact arrayable trapezoid cabinet <<

Floor-Stacking possibility <<

Proprietary Integrated fast rigging <<

Interlocking sticks for safety when stacking <<

Black PCP (Polyurea Cabinet Protection) finish <<

Protection Bag <<

VH e-motion Series

VH F12H

Dedicated long throw Mid-Bass/Mid-High enclosure

It's a two-way Full-range long throw system, fully horn loaded. An exponential horn loaded 12in. Low-Mid woofer coaxially houses a 1.4in. compression driver combined with an elliptical waveguide giving 50°H x 40°V dispersion. The 12in. high efficiency horn loading system is capable of delivering an high output SPL up to 138dB continous (144 peak) with very low distortion, controlling the linear excursion for a strong sound impact and an increased accuracy and speed of reproduction. Superior intelligibility, crystal clear sound and the extended frequency response from 80Hz to 18kHz make the VH F12H a leadership products in its category. Significant building criteria, together with the employment of the latest technologies and innovative materials, guarantee great reliability and longevity. The anti-scratch Polyurea final paint makes the cabinet extremely resistant to atmospheric agents. A soft nylon bag protects the speaker from hard impact. The VH F12H can be matched with all the most challenging subwoofer systems of the VH Subwoofer range: VH Sub218R, VH Infra218R, VH Sub218H and VH Sub121H. The VHF12H Series is an extension of Loud Professional's acclaimed VH e-motion system; modular, compact, high power loudspeaker tailored for a wide range of touring and installed sound reinforcement applications. It can be widely employed in Large Open Spaces, Arenas, Stadiums, Theaters, Conference Halls, Concert Halls and Large Scale Discos.



Applications: Touring || Theatre || Congress || Club

VH e-motion Series

Transducers: 1 x 12in. Low-Mid woofer Horn loaded,
1 x 1.4in. exit comp. driver Horn loaded

Frequency range: 90 Hz -19 kHz +/-4dB
Crossover points LMF/MHF: 90 Hz/1.2 kHz (HPF)
Power handling: LMF/MHF: 900/220 Program
Sensitivity: LMF/MHF: 110/110dB 1W@1m
Nominal coverage: 50°H/40°V (@-6dB point)
Nominal impedance: LMF/MHF: 8/16 Ω
Input connections: Two Speakon™ NL8 paralleled connectors,
Speakon™ NL4 VH Sub-Bass out

Enclosure construction:
Shell:
Finish: 18mm 13 Ply birch
Grille: Black PCP (Polyurea Cabinet Protection) finish
Dimensions: Powder coated 2mm Metal Rigid Grille
Height front:
Height back: 630mm(24.80in.)
Width front: 630mm(24.80in.)
Width back: 815mm(32.08in.)
Depth: 440mm(17.32in.)
Net weight: 700mm(27.55in.)
60kg(132.27lbs)

Features <<
Dedicated long throw Mid-Bass/Mid-Hi enclosure <<
All Horn Loaded Design <<
Very high performances <<
Compact arrayable trapezoid cabinet <<
Floor-Stacking possibility <<
Proprietary Integrated fast rigging <<
Interlocking sticks for safety when stacking <<
Black PCP (Polyurea Cabinet Protection) finish <<
Protection Bag <<

VH F15EV

Three way Full-Range system

VH F15EV is a three way large format point source system, incredibly compact for its output performance in a single wide-bandwidth fully horn loaded enclosure. The special design increases the acoustic output of the low frequency section, as well as the midrange and HF. The system houses 1 x 15in. (380mm) driver with hybrid horn/reflex loading, 2 x 6.5in. (165mm) cone drivers on a midrange horn which covers the frequency range from 350Hz to 1k65Hz, and 1 x 2in. (50mm) exit HF compression driver mounted on 60deg. V x 40deg. V constant directivity horn, operating from 1k65Hz upwards. Each section features innovative horn-loading techniques and refinements which raise the acoustic performance of the VH F15EV to superior level both in terms of output and smooth 60deg. horizontal coverage patterns of the MF and HF horns.

The MF and HF horns design offer the advantages of both greater output and superior horizontal directivity pattern control which does not vary significantly the frequency response.

The transducers complement has been engineered for exemplary performance in each section. The VH F15EV is configured in a vertically formatted, trapezoidal birch ply cabinet and fitted with a proprietary rigging system to facilitate of the vertical array configurations. A dedicated flybar-kit allows the building of large scale clusters made of multiple vertical arrays. Different splayed angles allow the perfect acoustic coupling optimizing the horizontal coverage.

A complete range of rigging accessories make easier and faster all the deployments such as ceiling-mounted or stacked offering multiple set-up options and various orientations.

Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability.

The VH F15EV cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish. The system can be as well matched with all the most challenging Loud Professional VH Subwoofers boosting its LF extension.

Applications: Theaters, Conference Halls, Concert Halls, Large Scale Discos, Clubs & Bar.

Applications: Touring || Theatre || Congress || Club



Transducers:	1 x 15in. Low-Mid wofer Hybrid, Horn & Reflex loaded, 2 x 6.5in. Midrange Horn loaded, 1 x 2in. exit comp. driver Horn loaded
Frequency range:	65 Hz -1 9 kHz +/-4dB
Crossover points	LMF/MF/HF: 65 Hz/350 Hz/2.1 kHz (HPF)
Power handling:	LMF/MF/HF: 2.600/720/280 W Program
Sensitivity:	LMF/MF/HF: 104/109/110dB 1W@1mt
Nominal coverage:	60°H/40°V (@-6dB point)
Nominal impedance:	LMF/MF/HF: 8/8/16 Ω
Input connections:	Two Speakon™ NL8 paralleled connectors, Speakon™ NL4 VH Sub-Bass out
Enclosure construction:	
Shell:	18mm 13 Ply birch
Finish:	Black PCP (Polyurea Cabinet Protection) finish
Grille:	Powder coated 2mm Metal Rigid Grille
Dimensions:	
Height front:	920mm(36.22in.)
Height back:	920mm(36.22in.)
Width front:	665mm(26.18in.)
Width back:	335mm(13.18in.)
Depth:	635mm(24.99in.)
Net weight:	65kg(143.3lbs)

Features <<

Three-way Full-Range system <<
All Horn Loaded Design <<
Very high performances <<
Compact arrayable trapezoid cabinet <<
Proprietary Integrated fast rigging <<
Compact & Lightweight <<
Neodymium magnets <<
Black PCP (Polyurea Cabinet Protection) finish <<
Protection Bag <<

VH Full-Ranges

VH F15

Two way Full-Range system

VH F15 is a two way point source system optimized for medium throw applications, incredibly compact for its LF output performance in a single wide-bandwidth bass-reflex enclosure. The system houses 1 x 15in. (380mm) and 1 x 2in. (50mm) exit HF compression driver mounted on 60deg. H x 40deg. V constant directivity horn, operating from 1k5Hz upwards, intended for a wide range of permanently installed applications. With a frequency response extending from 60 Hz to 20 kHz, the F15 can be used as a stand-alone, full range system, or supplemented with Loud Pro subwoofers. It can be ground stacked or flown individually. The VH F15 is configured in a vertically formatted, trapezoidal birch ply cabinet and fitted with eight M10 threaded inserts to facilitate the individual horizontal or vertical suspension. A dedicated flybar-kit allows the building of clusters of three units maximum. A connector plate to be installed on the top and bottom sides allows to perfectly align the front of the clustered speakers. Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability. The VH F15 cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish. The system can be as well matched with all the most challenging Loud Professional VH Subwoofers boosting its LF extension.

Applications: Theaters, Conference Halls, Concert Halls, Large Scale Discos, Clubs & Bars.



Applications: Touring || Theatre || Congress Hall || Club

VH Full-Ranges

Transducers:	1 x 15in. Low-Mid woofer Reflex loaded 1 x 2in. exit comp. driver Horn loaded
Frequency range:	50 Hz - 19 kHz +/-4dB
Crossover points	LMF/MHF: 800 Hz/1.2 kHz (HPF)
Power handling:	LMF/MHF: 2.600/220 W Program
Sensitivity:	LMF/MHF: 98/109dB 1W@1mt
Nominal coverage:	60°H/40°V (@-6dB point)
Nominal impedance:	LMF/MHF: 8/16 Ω
Input connections:	Two Speakon™ NL4 paralleled connectors
Enclosure construction:	
Shell:	18mm 13 Ply birch
Finish:	Black PCP (Polyurea Cabinet Protection) finish
Grille:	Powder coated 2mm Metal Rigid Grille
Dimensions:	
Height front:	820mm(32.28in.)
Height back:	820mm(32.28in.)
Width front:	515mm(20.27in.)
Width back:	255mm(10.03in.)
Depth:	520mm(20.476in.)
Net weight:	35kg(77.162lbs)

Features <<
 Dedicated Two way Full-Range system <<
 Bi-amplified <<
 Extended Low reproduction down to 50 Hz <<
 High performance 60°H x 40°V coverage <<
 Arrayable compact trapezoid cabinet <<
 Portable Sound & lightweight <<
 Neodymium magnets <<
 Two handles & eight x M8 threaded inserts <<
 Black PCP (Polyurea Cabinet Protection) finish <<
 Protection Bag <<

VH Layer112H+EMD

Dedicated Two/Three way Line-Array enclosure

The VH Layer112H is a configurable 2/3 way ultra compact Line-Array element. A plenty full-bandwidth low frequency response, extended down to 65 Hz, allows the system to be used without subwoofer units in many applications where additional low frequency extension is not required. Its all horn loaded design features a high efficiency 12in. woofer and three 1in. special compression drivers combined with a proprietary waveguide giving a dispersion of 90° H x 10° V. The HF waveguide special design allows a perfect acoustical coupling of individual unit, virtually creating a continuous line source. The compression driver contains a high energy neodymium magnet system and a unique flat annular ring diaphragm that it works similar as a wound 101.6 mm long ribbon diaphragm providing an extremely linear frequency response. A dedicated phase plug provides a coherent planar wavefront output without internal diffraction for a crystal and transparent sound. The VH Layer112H can be configured, according to use, with an external additional unit providing an accurate and more detailed mid frequency response (EMD, midrange External Device). The ABF lightweight (8 Kg) EMD houses two fully horn loaded 6.5in. midranges. An integrated aluminum rigging system allows the fast assembly indifferently to the left and right side of the VH Layer112H.

A NL4 output Speakon connector allows the EMD to be directly wired on the rear connections panel of the main system.

The compact dimensions make this unit extremely modular and suitable for many different configurations allowing arrays of large dimensions.

The lightweight make also easier and faster ground stacked configurations.

Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability. The VH Layer112H cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

It can be as well matched with all the most challenging Loud Professional subwoofer systems significantly boosting its LF extension.

Applications: Large Open Air Venues, Arenas, Stadiums, Theaters, Conference Halls, Concert Halls, Large Scale Discos & Clubs.

Applications: Touring || Theatre || Congress || Club

VH Line-Array



Transducers:	1 x 12in. Low-Mid woofer Horn & Reflex Loaded, 2 x 6.5in. Midrange Horn loaded, 3 x 1in. exit comp. driver Horn loaded
Frequency range:	65 Hz - 21 kHz +/-4dB
Crossover points	LMF/MF/HF: 80 Hz/350/1.65 kHz (HPF)
Power handling:	LMF/MF/HF: 1.300/720/480 W Program
Sensitivity:	LMF/MF/HF: 104/109/118.5dB 1W@1mt
Nominal coverage:	90°H/10°V (@-6dB point)
Nominal impedance:	LMF/MF/HF: 8/8/5.3 Ω
Input connections:	Two Speakon™ NL8 paralleled connectors, Speakon™ NL4 VH Sub-Bass out, Speakon™ NL4 VH Layer EMD out
Enclosure construction:	
Shell:	18mm 13 Ply birch
Finish:	Black PCP (Polyurea Cabinet Protection) finish
Grille:	Powder coated 2mm Metal Rigid Grille
Dimensions:	
Height front:	445mm(17.51in.)
Height back:	360mm(14.17in.)
Width front:	545mm(21.45in.)
Width back:	545mm(21.45in.)
Depth:	510mm(20.07in.)
Net weight:	45+8Kg EMD(99.21+17.64lbs)

Features <<
 Dedicated Two/Three-way Line-Array enclosure <<
 All Horn Loaded Design <<
 Very high performances <<
 Floor & Sub Stacking possibility <<
 Proprietary Integrated fast rigging <<
 Optional External Midrange Device <<
 Black PCP (Polyurea Cabinet Protection) finish <<
 Professional Flightcase for two units <<
 Professional Flightcase for two EMD <<
 Flight-Skate <<

VH Layer212H

Dedicated Three-way Line-Array enclosure

The VH Layer212H is a 4 way fully horn loaded Line-Array element. A plenty full-bandwidth low frequency response, extended down to 65 Hz, allows the system to be used without subwoofer units in many applications where additional low frequency extension is not required. Its all horn loaded design features two high efficiency 12in. (320mm) low-mid transducers, two 6.5in. (165mm) midranges and three 1in. (25mm) special compression drivers mounted on individual horns and combined with a proprietary waveguide, giving a dispersion of 90° H x 10° V. The result of using small format compression drivers instead of the competitors traditional large format, which are typically managed an octave lower, is a decreased distortion and an extremely linear and smooth response never tiring the ear at its most sensitive focal point. It means that Layer212H delivers an incomparable high frequency response with much lower distortion than traditional large format compression driver devices. The compression driver comprises a high energy neodymium magnet system and a unique flat annular ring diaphragm that it works similar as a wound 101.6 mm long ribbon diaphragm providing an extremely linear frequency response. A dedicated phase plug provides a coherent planar wavefront output without internal diffraction for a crystal and transparent sound. The MF design comprises two 6.5in. horn loaded midranges mounted on 90° H constant directivity horn giving an exceptional horizontal pattern control compared to the traditional direct radiating MF competitor design, for a truly consistent coverage. Along with the better medium range reproduction and thanks to the special horn loaded design, really high is the efficiency achieved by the MF section. The LF section houses two high efficiency 12in. neodymium drivers front-loaded by separate hyperbolic horns for maximum efficiency and rear-loaded by a vented box. An extra large reflex port reduces turbulence and air noise extending the LF output to below the natural horn cut-off point. The hybrid configuration combines the greater sound impact of a bass horn with the low frequency extension of a bass-reflex enclosure. It significantly increases the system efficiency compared to direct radiator low-end designs of competitors. A dedicated flybar kit allows to build large scale arrays up to 24 elements. The flybar main frame enables the system to be also configured in ground stacked configurations. A complete range of accessories such as three units dolly, single unit skate, protection bag and others makes all operations easier and faster. Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability. The VH Layer212H cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish. It can be as well matched with all the most challenging Loud Professional Formula & VH Subwoofer systems significantly boosting its LF extension.

Applications: Large Open Air Venues, Arenas, Stadiums, Theaters, Conference Halls, Concert Halls, Large Scale Discos & Clubs.

Applications: Touring || Theatre || Congress || Club



Transducers:	2 x 12in. Low-Mid woofer Horn & Reflex loaded, 2 x 6.5in. Midrange Horn Loaded 3 x 1in. exit comp. driver Horn loaded
Frequency range:	65 Hz - 21 kHz +/-4dB
Crossover points	LMF/MF/HF: 65 Hz/350/1.65 kHz (HPF)
Power handling:	LMF/MF/HF: 2.600/720/480 W Program
Sensitivity:	LMF/MF/HF: 106/109/116.5dB 1W@1mt
Nominal coverage:	90°H/10°V (@-6dB point)
Nominal impedance:	LMF/MF/HF: 8 + 8/8/5.3 Ω
Input connections:	Two Speakon™ NL8 paralleled connectors

Enclosure construction:	
Shell:	18mm 13 Ply birch
Finish:	Black PCP (Polyurea Cabinet Protection) finish
Grille:	Powder coated 2mm Metal Rigid Grille
Dimensions:	
Height front:	
Height back:	445mm(17.51in.)
Width front:	350mm(13.78in.)
Width back:	1280mm(50.39in.)
Depth:	1280mm(50.39in.)
Net weight:	625mm(24.61in.) 90kg(198lbs)

Features <<
 Dedicated Three-way Line-Array enclosure <<
 All Horn Loaded Design <<
 Very high performances <<
 Full-bandwidth system, 65 Hz - 21 kHz <<
 Floor & Sub Stacking possibility <<
 Proprietary Integrated fast rigging <<
 Black PCP (Polyurea Cabinet Protection) finish <<
 Protection Bag <<
 Skate <<

VH Line-Array

VH SM12H

Dual Purpose PA/Stage Monitor enclosure

Born to be "a-live" stage monitor, the VH SM12H is a multipurpose coaxial full range system perfectly suited to all short-medium throw sound reinforcement applications.

The system features a 3in. diaphragm compression driver coaxially mounted on a 12in. low-mid frequency transducer in a really compact and lightweight hybrid enclosure (bass reflex & horn loaded) giving a dispersion of 20deg. H x 90deg. V. Thank to its special design the VH SM12H is able to deliver an incredible sound impact for a fast a prompt transient response, unusual compared to other speakers of equal size. The extremely accurate frequency response makes unique the vocal intelligibility! Wider is the dispersion on the vertical axis (90deg.) while extremely narrow is the horizontal (20deg. H), in order to avoid any interference in a closer proximity focusing on the artist only and offering an excellent acoustic isolation from other performers. The compression driver constant directivity horn can be easily rotate obtaining the narrower dispersion on the Vertical axis. The VH SM12H can be pole-mounted using the box integrated socket. A complete range of rigging accessories make easier and faster other deployments such as wall-mounted, ceiling-mounted or stacked offering multiple set-up options and various orientations. The system can also be suspended using three M8 threaded inserts (two on the top panel and one on the rear panel). Two paralleled Speakon™ NL4 connectors on the right & rear side panel allow a better connection depending on the use.

The great performances, light weight and compact dimensions make this system incredibly smart & portable just by broadening the applications range.

Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability.

The VH SM12H cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

The system can be as well matched with all the most challenging Loud Professional VH Subwoofers, boosting its LF extension.

Applications: Theaters, Conference Halls, Concert Halls, Large Scale Discos, Clubs.

Applications: Touring || Theatre || Congress || Club



Transducers: 1 x 12in. Low-Mid woofer Horn & Reflex loaded,
1 x 1.4in. exit comp. driver Horn loaded

Frequency range: 75 Hz - 19 kHz +/-4dB
Crossover points 70 Hz/1.2 kHz (HPF)

Power handling: LMF/MHF: 1.300/220 Program

Sensitivity: LMF/MHF: 104/109dB 1W@1mt

Nominal coverage: 90°H/20°V (@-6dB point)

Nominal impedance: LMF/MHF: 8/16 Ω

Input connections: Two Speakon™ NL4 paralleled connectors

Enclosure construction:

Shell: 18mm 13 Ply birch

Finish: Black PCP (Polyurea Cabinet Protection) finish

Grille: Powder coated 2mm Metal Rigid Grille

Dimensions:

Height front: 490mm(19.23in.)

Height back: -

Width front: 450mm(17.71in.)

Width back: 450mm(17.71in.)

Depth: 380mm(14.66in.)

Net weight: 22kg(48.50lbs)

Dual purpose PA/Stage Monitor enclosure <<

Horn Loaded & Reflex Loaded 1 x 12in. LMF <<

1.4in. exit compression driver MHF <<

Powerful sonic impact <<

Sensitivity 104dB 1W@1mt <<

Extended low reproduction <<

Sensational vocal intelligibility <<

Compact & Lightweight <<

Neodymium magnets <<

PCP Polyurea coated paint <<

Protection Bag <<

VH Monitor

VH SM15

Two-way, bi-amp, Stage Monitor

Born to be "a-live" stage monitor, the VH SM15 is a multipurpose coaxial full range system perfectly suited to all short-medium throw sound reinforcement applications.

The system houses a 2.5in. diaphragm compression driver coaxially mounted on a 15in. low-mid frequency transducer in a really compact and lightweight bass-reflex enclosure giving a conical dispersion of 60.deg.

Delivering an accurately defined coverage area on stage it is able to guarantee the best listening experience.

The VH SM15 is focused to ensure the most accurate frequency response to the artists and performers as the result of its incredible clarity and vocal intelligibility.

The amazing gain before feedback, precise pattern control, high SPL output with extremely low distortion and sensational low extension are the most important system features.

The system can be suspended using the height M8 threaded inserts (four on the rear panel and four on the bottom panel).

The left side connections panel features two paralleled Speakon™ NL8 connectors, two paralleled Speakon™ NL4 connectors and one dedicated Speakon™ NL4 Sub-Bass output connector extremely useful when using the system as drum fill in combination with a subwoofer.

The great performances, light weight and compact dimensions make this system incredibly smart & portable just by broadening the applications range.

Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability.

The VH SM15 cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

The system can be as well matched with all the most challenging Loud Professional VH Subwoofers.

Applications: Theaters, Conference Halls, Concert Halls, Large Scale Discos, Clubs.

Applications: Touring || Theatre || Congress || Club



Transducers:	1 x 15in. Low-Mid woofer Reflex loaded, 1 x 1.4in. exit comp. driver Horn loaded
Frequency range:	50 Hz - 19 kHz +/-4dB
Crossover points	LMF/MHF: 45 Hz/1.2 kHz (HPF)
Power handling:	LMF/MHF: 900/160 W Program
Sensitivity:	LMF/MHF: 101/110dB 1W@1mt
Nominal coverage:	60°H/60°V (@-6dB point)
Nominal impedance:	LMF/MHF: 8/8 Ω
Input connections:	Two Speakon™ NL8 paralleled connectors, Two Speakon™ NL4 paralleled connectors, Speakon™ NL4 VH Sub-Bass out
Enclosure construction:	
Shell:	18mm 13 Ply birch
Finish:	Black PCP (Polyurea Cabinet Protection) finish
Grille:	Powder coated 2mm Metal Rigid Grille
Dimensions:	
Height front:	-
Height back:	405mm(14.94in.)
Width front:	593mm(23.34in.)
Width back:	593mm(23.34in.)
Depth:	600mm(23.62in.)
Net weight:	27kg(59lbs)

Features <<

Two way, bi-amp, high performances Stage Monitor <<

Coaxial 1 x 15in. + 1 x 1.4in. system <<

Powerful sonic impact <<

Sensational vocal intelligibility <<

Extended low reproduction <<

Compact & lightweight <<

Neodymium magnets <<

Very low profile <<

Black PCP (Polyurea Cabinet Protection) finish <<

Professional flightcase <<

VH Monitor

VH SM212

Three-way, bi-amp, Stage Monitor

Born to be "a-live" stage monitor, the VH SM212 is a multipurpose system perfectly suited to all short-medium throw sound reinforcement applications.

The system houses a 175in. diaphragm compression driver coaxially mounted on a 6.5in. horn loaded midrange, and two generous 12in. low-mid frequency transducers in a really compact and lightweight bass-reflex enclosure giving a conical dispersion of 60deg.

Delivering an accurately defined coverage area on stage it is able to guarantee the best listening experience.

The VH SM212 is focused to ensure the most accurate frequency response to the artists and performers as the result of its incredible clarity and vocal intelligibility.

The amazing gain before feedback, precise pattern control, high SPL output with extremely low distortion and sensational low extension are the most important system features.

The system can be suspended using the height M8 threaded inserts (four on the rear panel and four on the bottom panel).

The left side connections panel features two paralleled Speakon™ NL8 connectors, two paralleled Speakon™ NL4 connectors and one dedicated Speakon™ NL4 Sub-Bass output connector extremely useful when using the system as drum fill in combination with a subwoofer.

The great performances, light weight and compact dimensions make this system incredibly smart & portable just by broadening the applications range.

Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability.

The VH SM15 cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

The system can be as well matched with all the most challenging Loud Professional VH



Transducers:	2 x 2in. Low-Mid woofer Reflex Loaded, 1 x 6.5in. Midrange Horn Loaded, 1in. exit comp. driver Horn loaded
Frequency range:	50 Hz - 19 kHz +/-4dB
Crossover points	LMF/MHF: 50 Hz/600 Hz (HPF) (1.8 kHz internal passive)
Power handling:	LMF/MF - MHF: 2.600/400 W Program
Sensitivity:	LMF/MF - MHF: 102/106dB 1W@1mt
Nominal coverage:	90°H/90°V (@-6dB point)
Nominal impedance:	LMF/MF - MHF: 4/8 Ω
Input connections:	Two Speakon™ NL8 paralleled connectors, Two Speakon™ NL4 paralleled connectors, Speakon™ NL4 VH Sub-Bass out
Enclosure construction:	
Shell:	18mm 13 Ply birch
Finish:	Black PCP (Polyurea Cabinet Protection) finish
Grille:	Powder coated 2mm Metal Rigid Grille
Dimensions:	
Height front:	-
Height back:	405mm(14.94in.)
Width front:	866mm(30.09in.)
Width back:	866mm(30.09in.)
Depth:	600mm(23.62in.)
Net weight:	35kg(77.16lbs)

Features <<

Three-way, bi-amp, high performances Stage Monitor <<
Direct radiating 2 x 12in. , 1 x 6.5in. + 1x1in. coax system <<

Powerful sonic impact <<

Sensational vocal intelligibility <<

Extended low reproduction <<

Compact & Lightweight <<

Neodymium magnets <<

Very low profile <<

Black PCP (Polyurea Cabinet Protection) finish <<

Professional flightcase <<

Applications: Touring || Theatre || Congress || Club

VH Monitor

VH Sub118R

Dedicated Sub-bass enclosure

The VH Sub118R is a special lightweight and compact Sub-Bass unit housing a single long excursion 18in. direct radiating transducer mounted in a bass-refex tuned enclosure.

Thanks to the bass reflex differentially flared design the optimized vented port reduces turbulence and port noise at high levels while also increasing LF efficiency and extending the response down to 35Hz.

Designed for ground stacked configurations it can be positioned in a cardioid subwoofer array with one cabinet physically facing backwards and processed by a dedicated amplifier channel. It allows to achieves an exceptional benefit controlling the lower frequencies response and significantly reducing the energy radiating towards to the rear.

Thanks to the system efficiency the VH Sub118R is capable of delivering a high standard SPL output still maintaining a great linearity in the frequency response.

The special system ability to control the exceptional transducer excursion keep really low the total harmonic distortion levels.

The compact dimensions make this unit extremely modular for many different configurations allowing arrays of large dimensions.

The light weight and compact dimensions make easier and faster the ground stacked configurations.

Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability.

The VH Sub118R cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

It can be as well matched with all the most challenging Full-Range and Line Array Loud Professional systems significantly boosting their LF extension.

Applications: Large Open Air Venues, Arenas, Stadiums, Theaters, Conference Halls, Concert Halls, Large Scale Discos & Clubs.

Applications: Touring || Theatre || Congress || Club



Transducers: 1 x 18in. Long excursion woofer Reflex loaded

Frequency range:	LF: 35 Hz - 150 Hz +/-4dB
Crossover points	LF: 25 Hz/90-110 Hz (HPF/LPF)
Power handling:	LF: 3.000 W Program
Sensitivity:	LF: 101dB 1W@1mt
Nominal coverage:	Omni
Nominal impedance:	LF: 8 Ω
Input connections:	Two Speakon™ NL4 paralleled connectors

Enclosure construction:	
Shell:	18mm 13 Ply birch
Finish:	Black PCP (Polyurea Cabinet Protection) finish
Grille:	Powder coated 2mm Metal Rigid Grille
Dimensions:	
Height front:	575mm(22.63in.)
Height back:	575mm(22.63in.)
Width front:	585mm(23.03in.)
Width back:	585mm(23.03in.)
Depth:	735mm(28.93in.)
Net weight:	35kg(99.21lbs)

Features <<

Dedicated Sub/bass enclosure <<

Direct radiating Long excursion 1 x 18in. <<

Powerful sonic impact <<

Sensational Punch-bass <<

Extended low reproduction <<

Compact & Lightweight <<

Interlocking feet for safety when stacking <<

Black PCP (Polyurea Cabinet Protection) finish <<

Protection Bag <<

VH Subwoofer

VH Sub218R

Dedicated Sub-bass enclosure

The VH Sub218R is a special Sub-Bass unit housing two long excursion 18in. direct radiating transducers mounted in a two separated bass-reflex tuned enclosures.

It consists of two coupled VH Sub118R with one physically facing up in the bottom side.

This particular "V" shape design allows to obtain a larger unique reflex port exactly in the cabinet middle maximizing the system efficiency in the lower frequency response.

The reflex port center alignment increases more the system performances because of its exponential front loading path. The result becomes more significant specially when coupling several units in a large array. The optimized vented port reduces turbulence and port noise at high levels while also increasing LF efficiency and extending the response down to 32Hz.

Designed for ground stacked configurations it can be positioned in a cardioid subwoofer array with one cabinet physically facing backwards and processed by a dedicated amplifier channel. It allows to achieves an exceptional benefit controlling the lower frequencies response and significantly reducing the energy radiating towards to the rear. Thanks to the system efficiency the VH Sub218R is capable of delivering a high standard SPL output still maintaining a great linearity in the frequency response. The special system ability to control the exceptional transducer excursion keep really low the total harmonic distortion levels.

The compact dimensions make this unit extremely modular for many different configurations allowing arrays of large dimensions. The light weight and compact dimensions make easier and faster the ground stacked configurations.

Significant construction criteria, combined with the latest technologies and the innovative materials, ensure a great reliability.

The VH Sub218R cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

It can be as well matched with all the most challenging Full-Range and Line Array Loud Professional systems significantly boosting their LF extension.

Applications: Large Open Air Venues, Arenas, Stadiums, Theaters, Conference Halls, Concert Halls, Large Scale Discos & Clubs..

Applications: Touring || Theatre || Congress || Club

VH Subwoofer



Transducers:	2 x 18in. Long excursion woofer
	Reflex loaded
Frequency range:	LF: 35 Hz - 150 Hz +/-4dB
Crossover points	LF: 25 Hz/90-110 Hz (HPF/LPF)
Power handling:	LF1+ LF2: 3.000 + 3.000 W Program
Sensitivity:	LF: 104dB 1W@1mt
Nominal coverage:	Omni
Nominal impedance:	LF1 + LF2: 8 + 8
Input connections:	Two Speakon™ NL4 paralleled connectors

Enclosure construction:	
Shell:	18mm 13 Ply birch
Finish:	Black PCP (Polyurea Cabinet Protection) finish
Grille:	Powder coated 2mm Metal Rigid Grille
Dimensions:	
Height front:	1160mm(45.66in.)
Height back:	1160mm(45.66in.)
Width front:	585mm(23.03in.)
Width back:	585mm(23.03in.)
Depth:	735mm(28.93in.)
Net weight:	90kg(198.41lbs)

Features <<
 Dedicated Sub/bass enclosure <<
 Direct radiating long excursion 2 x 18in. <<
 Powerful sonic impact <<
 Sensational Punch-bass <<
 Extended low reproduction <<
 Compact & Lightweight <<
 Interlocking feet for safety when stacking <<
 Black PCP (Polyurea Cabinet Protection) finish <<
 Protection Bag <<

VH Infra218R

Dedicated Infra-bass enclosure

The VH Infra218R is a special Infra-Bass unit housing two long excursion 18in. direct radiating transducers mounted in a two separated bass-refex tuned enclosures.

It has been expressly designed to be combined with the VH e-motion Series (VH MH210H / VH Bass215H / VH F12H) as perfect integration extending the system response down to 25Hz.

The identical shape cabinet allows the perfect ground stacked configuration.

Particular is the "V" shape design that allows to obtain a larger unique reflex port exactly in the cabinet middle, maximizing the system efficiency in the lower frequency response.

The reflex port center alignment more increases the system performances because of its exponential front loading path. The result becomes more significant specially when coupling several units in large sub array configuration. Thanks to the bass reflex differentially flared design the optimized vented port reduces turbulence and port noise at high levels while also increasing LF efficiency and extending the response down to 25Hz.

Special is the speaker design, it allows to achieves an exceptional benefit controlling the lower frequencies response and significantly reducing the energy radiating towards to the rear.

Thanks to the system efficiency the VH Infra218R is capable of delivering a high standard SPL output still maintaining a great linearity in the frequency response.

The system ability to control the exceptional transducer excursion keep really low the total harmonic distortion level.

Significant construction criteria, combined with the latest technologies and the innovative materials, ensure a great reliability.

The VH Infra218R cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

It can be as well matched with all the most challenging Full-Range and Line Array Loud Professional systems significantly boosting their LF extension.

Applications: Large Open Air Venues, Arenas, Stadiums, Theaters, Conference Halls, Concert Halls, Large Scale Discos & Clubs

Applications: Touring || Theatre || Congress || Club

VH Subwoofer



Transducers:	2 x 8in. Long excursion woofer
	Reflex loaded
Frequency range:	LF: 25 Hz - 150 Hz +/-4dB
Crossover points	LF: 25 Hz/60 - 90 Hz (HPF/LPF)
Power handling:	LF1+ LF2: 3.000 + 3.000 W Program
Sensitivity:	LF: 106dB 1W@1mt
Nominal coverage:	Omni
Nominal impedance:	LF1 + LF2: 8 + 8 Ω
Input connections:	Two Speakon™ NL4 paralleled connectors

Enclosure construction:	
Shell:	18mm 13 Ply birch
Finish:	Black PCP (Polyurea Cabinet Protection) finish
Grille:	Powder coated 2mm Metal Rigid Grille
Dimensions:	
Height front:	1160mm(45.66in.)
Height back:	1160mm(45.66in.)
Width front:	815mm(32.08in.)
Width back:	395mm(15.55in.)
Depth:	830mm(32.67in.)
Net weight:	108kg(238.1lbs)

Features <<
 Dedicated Infra/bass enclosure <<
 Direct radiating long excursion 2 x 18in. <<
 Very high SPL <<
 Powerful sonic impact <<
 Sensational Punch-bass <<
 Extended low reproduction <<
 Interlocking sticks for safety when stacking <<
 Black PCP (Polyurea Cabinet Protection) finish <<
 Protection Bag <<

VH Sub218H

Dedicated Sub-bass enclosure

The VH Sub218H is a particular Sub-Bass unit housing two long excursion 18in. horn loaded transducers mounted on a folded horn without any compromise.

Thanks to its special horn loaded design the system sensibility is really high giving a maximum SPL output of 152dB (peak @1mt in half space).

Considering the system type, extended is the low frequency reproduction, specially in the lower end region where the unit is able to reproduce frequencies down to 40Hz with a plenty and sensational sound impact for an unrivaled Bass-punch as you've never heard before!

The result becomes more evident specially when coupling several units in a large array for really long throw applications.

The special system ability to control the transducers linear excursion keep really low the total harmonic distortion levels, still maintaining a great linearity in the lower frequency reproduction for the fastest transient response all over conditions.

Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability.

The VH Sub218H cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

It can be as well matched with all the most challenging Full-Range and Line Array Loud Professional systems significantly boosting their LF extension.

Applications: Large Open Air Venues, Arenas, Stadiums, Theaters, Conference Halls, Concert Halls, Large Scale Discos & Clubs.

Applications: Touring || Theatre || Congress || Club

VH Subwoofer

>> 20



Transducers: 2 x 18in. Long excursion woofer
Horn loaded

Frequency range: LF: 40 Hz - 180 Hz
Crossover points LF: 30 Hz/90 - 180 Hz (HPF/LPF)
Power handling: LF1 + LF2: 3.000 + 3.000 W Program
Sensitivity: LF1 + LF2: 111dB 1W+1W@1mt
Nominal coverage: Omni
Nominal impedance: LF1 + LF2: 8 + 8 Ω
Input connections: Two Speakon™ NL4 paralleled connectors

Enclosure construction:
Shell: 18mm 13 Ply birch
Finish: Black PCP (Polyurea Cabinet Protection) finish
Grille: Powder coated 2mm Metal Rigid Grille
Dimensions:
Height front: 1250mm(49.21in.)
Height back: 1250mm(49.21in.)
Width front: 960mm(37.79in.)
Width back: 960mm(37.79in.)
Depth: 1160mm(45.667in.)
Net weight: 108.5kg(239.2lbs)

Features <<

Dedicated Sub/bass enclosure <<
Fully Horn Loaded long excursion 2 x 18in. <<
Maximum low frequency output & sensitivity <<
Powerful sonic impact <<
Sensational Punch-bass <<
Extended low reproduction <<
Interlocking sticks for safety when stacking <<
Black PCP (Polyurea Cabinet Protection) finish <<
Protection Bag <<

VH Sub121H

Dedicated Sub-bass enclosure

The VH Sub121H is a special Sub-Bass unit expressly designed and engineered for the lower frequencies response at the maximum SPL output.

The hybrid system configuration (both Reflex & Horn loaded) houses a single 21in. transducer of a 4.5in. voice coil woofer tuned in a bass reflex enclosure to extend the LF output to below the natural horn cut-off point.

This particular system combines the efficiency and impact of a bass horn with the low frequency extension of a bass-reflex enclosure.

Two extra-large Bass-reflex ports allow to further extend the system frequency response down to 35Hz.

The benefits of this ideal combination ensure a greater sound impact along the most accurate lower reproduction.

The Bass-punch is unrivaled and the incredible high SPL output makes the system extremely effective when providing sound to spacious outdoor environments.

Smaller, compared to the VH Sub218H, the 121H can be also used in indoor environments of great dimensions.

The use is strongly recommended whenever a great impact, accuracy and transients fast response become mandatory.

Significant construction criteria, combined with the latest technologies and the innovative materials, ensure a great reliability.

The VH Sub121H cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

It can be as well matched with all the most challenging Full-Range and Line Array Loud Professional systems significantly boosting their LF extension.

Applications: Large Open Air Venues, Arenas, Stadiums, Theaters, Conference Halls, Concert Halls and Large Scale Discos.

Applications: Touring || Theatre || Congress || Club



Transducers:	1 x 21in. Long excursion woofer Horn & Reflex loaded
Frequency range:	LF: 30 Hz - 150 Hz +/-4dB
Crossover points	LF: 25 Hz/120 - 150 Hz (HPF/LPF)
Power handling:	LF: 3.000 W Program
Sensitivity:	LF: 106.5dB 1W+1W@1mt
Nominal coverage:	Omni
Nominal impedance:	LF: 8 Ω
Input connections:	Two Neutrik NL4MPR Speakon connectors paralleled
Enclosure construction:	
Shell:	18mm 13 Ply birch
Finish:	Black PCP (Polyurea Cabinet Protection) finish
Grille:	Powder coated 2mm Metal Rigid Grille
Dimensions:	
Height front:	1215mm(47.83in.)
Height back:	1215mm(47.83in.)
Width front:	685mm(26.96in.)
Width back:	685mm(26.96in.)
Depth:	900mm(35.43in.)
Net weight:	108kg(238.09lbs)

Features <<

Dedicated Sub/Bass enclosure <<

Folded Horn/Reflex loaded long excursion 1 x 21In. <<

Powerful sonic impact <<

High Sensitivity, 106.5dB 1W@1mt <<

Sensational punch-bass <<

Extended ultra low reproduction <<

Hybrid Horn loading technique <<

Interlocking sticks for safety when stacking <<

Black PCP (Polyurea Cabinet Protection) finish <<

Protection Bag <<

VH Subwoofer

VH Micro Full-Range

Ultra compact Two way enclosure

It is the smallest two way Loud Professional full range system. Delivering an incredible MF/HF SPL output the VH Micro FR complements any larger sound system in front fills or distributed applications. It comprises 1 x 1in. compression driver coaxially mounted on a 6.5in. LMF transducer compact and lightweight bass reflex enclosure. The special compression driver ensures superb sonic quality thanks to its special annular diaphragm together with the high energy neodymium magnet. Extremely linear is the frequency response, extended up to 20 kHz. The HF section features a 60deg. conical waveguide. Thanks to its directivity pattern the Micro offers a smooth off-axis response which does not vary significantly. An internal passive network for the low-mid/high crossover points, ensures the most effective use of available amplifier power.

The sound of the VH Micro FR is extremely transparent and detailed characterized by an exceptional dynamic range. Even if the system is driven by the most complex signals it naturally provides the same precision standard, unheard from a similar enclosure of the same category and equal size. Instruments and vocal intelligibility is unrivaled. Sonically, VH Micro FR system delivers the Loud Professional signature sound of warmth, clarity and smooth response at high levels with ease. The VH Micro FR is designed for a wide variety of applications including high level professional reinforcement systems. A complete range of rigging accessories make easier and faster all deployments such as wall-mounted, ceiling-mounted or stacked offering multiple set-up options and various orientations. The VH Micro Sub112DR is the ideal companion as natural LF extension boosting the system response down to 45Hz for a plenty sound reproduction. Sensational is the punch-bass as a whole that you cannot expect from a really compact and lightweight enclosures. Great performances, compact dimensions and lightweight make the VH Micro system incredibly smart & portable broadening the applications range, specially in mobile situations. Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability.

The VH Micro cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

Applications: Theaters, Conference Halls, Concert Halls, Discos, Clubs, Bars & Shopping Centers.

Applications: Touring || Theatre || Congress || Club



Transducers:

1 x 6.5in. Low-Mid woofer

partially Horn loaded & Reflex Loaded,
1 x 1in. exit comp. driver Horn loaded

Frequency range:

LMF - MHF: 90 Hz - 21 kHz +/-4dB

Crossover points

LMF/MHF: 90/1.8 kHz (internal passive)

Power handling:

LMF - MHF: 400 W Program (above 150 Hz)

Sensitivity:

102dB 1W@1mt

Nominal coverage:

60°H/60°V (@-6dB point) conical

Nominal impedance:

LMF - MHF: 16 Ω (internal passive)

Input connections:

Two Speakon™ NL4 paralleled connectors

Enclosure construction:

Shell: 18mm 13 Ply birch

Finish: Black PCP (Polyurea Cabinet Protection) finish

Grille: N.A.

Dimensions:

Height front: 257mm(10.11in.)

Height back: 340mm(13.38in.)

Width front: 225mm(8.85in.)

Width back: 225mm(8.85in.)

Depth: 195mm(7.67in.)

Net weight: 8Kg(17.64lbs)

Features <<

Ultra compact Two-way, coaxial 6.5in.+1in. <<

Internal Passive 24dB per oct. <<

Extended Frequency response 90Hz - 21 kHz +/-4dB <<

High performace, Sensitivity 102dB <<

6.5in. partially horn loaded <<

Power Handling 400 Watts Program above 120 Hz <<

Constant60°H/V coverage <<

Portable Sound & Lightweight, proprietary bracket <<

Black PCP (Polyurea Cabinet Protection) finish <<

Professional Flightcase <<

VH Micro Series

VH Micro Sub112DR

Dedicated Sub-bass enclosure

The Micro Sub112DR is a 12in. ultra compact Sub Bass unit that provides powerful low frequency response. The cabinet houses a long excursion 12in. driver in a Bass Pass design and it can be used stand-alone, stacked or individually flown. Low port compression and optimized enclosure give a tight and accurate bass response that is ideally suited for mobile and specific installation applications.

Based on the Band Pass loading technique the Micro Sub112DR provides exceptional low frequency response down to 45 Hz (@ -6 dB) along the better well defined reproduction reducing the total harmonic distortion in a really compact enclosure no larger than a typical direct radiating single 12in. subwoofer system.

The Band Pass technique produces significant performance benefits in terms of efficiency and deepest bass extension that would not be possible in a conventional design of equal size. It also allows greater control over cone motion and upper low end region even reducing the harmonic distortion compared to a traditional vented box.

The light weight and compact dimensions make easier and faster the ground stacked configurations.

Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability.

The Micro Sub112DR cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

It is the ideal companion of the Micro Full-Range system significantly boosting its LF extension down to 45 Hz (@ -6 dB).

Applications: Theaters, Conference Halls, Concert Halls, Discos, Clubs, Bars & Shopping Centers.

Applications: Touring || Theatre || Congress || Club



Transducers: 1 x 12in. Long excursion woofer
Dual vented box

Frequency range:	45 Hz - 150 Hz +/-4dB
Crossover points	LF: 35 Hz/90 - 150 Hz (HPF/LPF)
Power handling:	LF: 1.600 W Program
Sensitivity:	LF: 98dB 1W@1mt
Nominal coverage:	Omni
Nominal impedance:	LF: 8 Ω
Input connections:	Two Speakon™ NL4 paralleled connectors

Enclosure construction:	
Shell:	18mm 13 Ply birch
Finish:	Black or white Polyurea coated paint
Grille:	N.A.
Dimensions:	
Height front:	405mm(15.94in.)
Height back:	405mm(15.94in.)
Width front:	700mm(27.55in.)
Width back:	700mm(27.55in.)
Depth:	465mm(18.30in.)
Net weight:	32.5kg(71.65lbs)

Features <<

Dedicated Sub/Bass enclosure <<

Double Reflex 1 x 12in. Long excursion woofer <<

Powerful sonic impact <<

High power handling capability, 1600W Program <<

Sensational punch-bass <<

Extended low reproduction down to 45 Hz <<

Compact & Lightweight <<

Floor-stacking possibility <<

Black PCP (Polyurea Cabinet Protection) finish <<

Protection Bag <<

VH Micro Series

Smart1.0

Two-way active powered system

The Smart Series is the next generation high performance powered loudspeaker system comprising three full range and three subwoofer models, expressly designed for all applications where versatility, compact dimensions and lightweight are essential, while keeping great performances and high efficiency with no compromise. Smart Series meets the needs of touring houses, installations, and the most demanding live sound applications ensuring they can deploy a no-compromise, all-in-one solution featuring legendary Loud Professional sound and performances. Smart1.0 is a two way active full range system housing a 1in. (25mm) exit compression driver mounted on a 60 deg. H x 40 deg. V constant directivity horn and a 10in. (250mm) low-mid transducer loaded in bass reflex enclosure. The bass reflex optimized vented ports reduce turbulence and port noise at high levels while also increasing LF efficiency and extending the response down to 65Hz. A class D four channels amplifier module provides an exceptional output power, specifically designed for two channels applications where high output voltage level is required, its 2 x 1500 W at 8 Ω (pair bridged) is the perfect engine to drive high power two-way full range systems and rock solid double subwoofers as the Smart Sub2.5R or Smart Sub2.8R. Highest grade audio accuracy is guaranteed by fixed frequency switch mode output stage, avoiding any intermodulation artifact, and by the new "Control Plus" board allowing to achieve +6 dB more in terms of Signal-to-Noise Ratio. The Smart amplifier module is an extremely compact solution: power supply, output stage, DSP board and connectors are all included in a single, small, lightweight and protected chassis, and the perfect compatibility with the other Smart Series products allows to minimize efforts for mechanical development of different products. As for all Smart products, the Smart1.0 amplifier module is shaped and controlled using the DSP boards available to design the sound of the loudspeaker with a large set of processing algorithms. To achieve best performance in terms of fidelity, output capability and coverage consistency across the audience it combines onboard state-of-the-art transducers and Powersoft amplifier module with a DSP programmable via remote control and at the same time allows networking connection. The management software Armonia-Pro audio suite allows to customize the sound based on the own specific needs and to upload 4 different standard presets for the most common applications- Versatility is a key attribute of the Smart1.0. It is designed to meet a multitude of premium stand-alone and distributed sound reinforcement requirements: theatre, touring and portable live sound applications, corporate events, concert hall. Ideal as the main PA in small-to-medium size rooms, it can also be used as an front/in/out-fill loudspeaker in large-scale systems supplemented by different subwoofers of the Smart Series. The simple and elegant look with its special "black'n'white" design make this product interesting specially in permanent installations where appearance combined with the Loud Professional sound signature, can make the difference! The Smart1.0 can be pole-mounted using the box integrated socket. A complete range of rigging accessories make easier and faster other deployments such as wall-mounted, ceiling-mounted or stacked offering multiple set-up options and various orientations. The system can also be suspended using three M8 threaded inserts (three on the top/bottom panel and two on the rear panel). Great performances, compact dimensions and lightweight make the Smart1.0 incredibly smart & portable broadening the applications range, specially in mobile solutions. Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability. The Smart1.0 cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish. The system can be as well matched with the Loud Professional Smart Subwoofers range, boosting its LF extension. Applications: Theaters, Conference Halls, Concert Halls, Large Scale Discos, Clubs & Bars.

Applications: Touring || Theatre || Congress || Club

Smart Series



Transducers: 1 x 10in. Low-Mid woofer Reflex Loaded,
1 x 1in. exit comp. driver Horn loaded

Frequency range: 65 Hz - 18 kHz +/-4dB
Crossover points LMF/MHF: 70 Hz/1.6 kHz (HPF)
Power handling: LMF/MHF: 600/100 W Program
Maximum SPL: LMF/MHF: 124dB continuous, 130dB peak
Nominal coverage: 60°H/40°V (@-6dB point)
Nominal impedance: LMF/MHF: 8/16 Ω
Input connections: Female XLR input, male XLR link output, Neutrik Powercon In & Out

Enclosure construction:
Shell: 18mm 13 Ply birch
Finish: Black PCP (Polyurea Cabinet Protection) finish
Grille: Powder coated 2mm Metal Rigid Grille
Dimensions:
Height front: 560mm(22.04in.)
Height back: 560mm(22.04in.)
Width front: 380mm(14.96in.)
Width back: 210mm(8.26in.)
Depth: 350mm(13.77)
Net weight: 23.5kg(51.80lbs)

Features <<
Dedicated Two-way Full-Range powered system <<
Efficient Class D amplifier <<
Programmable DSP, Remote control & Networking connector <<
Four programmable DSP presets <<
Clip limiter and permanent signal limiter <<
Input volume potentiometer <<
Female XLR input, male XLR link output, Powercons In & Out <<
Two handles & 8 x M8 threaded inserts for easy setup <<
Black PCP (Polyurea Cabinet Protection) finish <<
Protection Bag <<

Smart1.2

Two-way active powered system

The Smart Series is the next generation high performance powered loudspeaker system comprising three full range and three subwoofer models, expressly designed for all applications where versatility, compact dimensions and lightweight are essential, while keeping great performances and high efficiency with no compromise. Smart Series meets the needs of touring houses, installations, and the most demanding live sound applications ensuring they can deploy a no-compromise, all-in-one solution featuring legendary Loud Professional sound and performances. Smart1.2 is a two way active full range system housing a 1.4in. (35.5mm) exit compression driver mounted on a 90deg. H x 60deg. V constant directivity horn and a 12in. (320mm) low-mid transducer loaded in bass reflex enclosure. The bass reflex optimized vented ports reduce turbulence and port noise at high levels while also increasing LF efficiency and extending the response down to 50Hz. A class D four channels amplifier module provides an exceptional output power, specifically designed for two channels applications where high output voltage level is required, its 2 x 1500 W at 8 Ω (pair bridged) is the perfect engine to drive high power two-way full range systems and rock solid double subwoofers as the Smart Sub2.5R or Smart Sub2.8R. Highest grade audio accuracy is guaranteed by fixed frequency switch mode output stage, avoiding any intermodulation artifact, and by the new "Control Plus" board allowing to achieve +6 dB more in terms of Signal-to-Noise Ratio. The Smart amplifier module is an extremely compact solution: power supply, output stage, DSP board and connectors are all included in a single, small, lightweight and protected chassis, and the perfect compatibility with the other Smart Series products allows to minimize efforts for mechanical development of different products. As for all Smart products, the Smart1.2 amplifier module is shaped and controlled using the DSP boards available to design the sound of the loudspeaker with a large set of processing algorithms. To achieve best performance in terms of fidelity, output capability and coverage consistency across the audience it combines onboard state-of-the-art transducers and Powersoft amplifier module with a DSP programmable via remote control and at the same time allows networking connection. The management software Armonia-Pro audio suite allows to customize the sound based on the own specific needs and to upload 4 different standard presets for the most common applications. Versatility is a key attribute of the Smart1.2. It is designed to meet a multitude of premium stand-alone and distributed sound reinforcement requirements: theatre, touring and portable live sound applications, corporate events, concert hall. Ideal as the main PA in small-to-medium size rooms, it can also be used as an front/in/out-fill loudspeaker in large-scale systems supplemented by different subwoofers of the Smart Series. The simple and elegant look with its special "black'n'white" design make this product interesting specially in permanent installations where appearance combined with the Loud Professional sound signature, can make the difference! The Smart1.2 can be pole-mounted using the box integrated socket. A complete range of rigging accessories make easier and faster other deployments such as wall-mounted, ceiling-mounted or stacked offering multiple set-up options and various orientations. The system can also be suspended using three M8 threaded inserts (three on the top/bottom panel and two on the rear panel). Great performances, compact dimensions and lightweight make the Smart1.2 incredibly smart & portable broadening the applications range, specially in mobile solutions. Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability. The Smart1.2 cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish. The system can be as well matched with the Loud Professional Smart Subwoofers range, boosting its LF extension. Applications: Theaters, Conference Halls, Concert Halls, Large Scale Discos, Clubs & Bars.

Applications: Touring || Theatre || Congress || Club



Transducers:	1 x 12in. Low-Mid woofer Reflex Loaded, 1 x 1.4in. exit comp. driver Horn loaded
Frequency range:	50 Hz -18 kHz +/-4dB
Crossover points	LMF/MHF: 50 Hz/1.2 kHz (HPF)
Power handling:	LMF/MHF: 1050/200 W Program
Maximum SPL:	LMF/MHF: 127dB continuous, 133dB peak
Nominal coverage:	90°H/60°V (@-6dB point)
Nominal impedance:	LMF/MHF: 8/16 Ω
Input connections:	Female XLR input, male XLR link output, Neutrik Powercon In & Out
Enclosure construction:	
Shell:	18mm 13 Ply birch
Finish:	Black PCP (Polyurea Cabinet Protection) finish
Grille:	Powder coated 2mm Metal Rigid Grille
Dimensions:	
Height front:	660mm(25.98in.)
Height back:	660mm(25.98in.)
Width front:	410mm(16.14in.)
Width back:	230mm(9.05in.)
Depth:	350mm(13.77in.)
Net weight:	27.5kg(60.62lbs)

Features <<

Dedicated Two-way Full-Range powered system <<

Efficient Class D amplifier <<

Programmable DSP, Remote control & Networking connector <<

Four programmable DSP presets <<

Clip limiter and permanent signal limiter <<

Input volume potentiometer <<

Female XLR input, male XLR link output, Powercons In & Out <<

Two handles & eight x M8 threaded inserts for easy setup <<

Black PCP (Polyurea Cabinet Protection) finish <<

Protection Bag <<

Smart Series

Smart1.5

Two-way active powered system

The Smart Series is the next generation high performance powered loudspeaker system comprising three full range and three subwoofer models, expressly designed for all applications where versatility, compact dimensions and lightweight are essential, while keeping great performances and high efficiency with no compromise. Smart Series meets the needs of touring houses, installations, and the most demanding live sound applications ensuring they can deploy a no-compromise, all-in-one solution featuring legendary Loud Professional sound and performances. Smart1.5 is a two way active full range system housing a 1.4in. (35.5mm) exit compression driver mounted on a 60deg. H x 40deg. V constant directivity horn and a 15in. (380mm) low-mid transducer loaded in bass reflex enclosure. The bass reflex optimized vented ports reduce turbulence and port noise at high levels while also increasing LF efficiency and extending the response down to 50Hz. A class D four channels amplifier module provides an exceptional output power, specifically designed for two channels applications where high output voltage level is required, its 2 x 1500 W at 8 Ω (pair bridged) is the perfect engine to drive high power two-way full range systems and rock solid double subwoofers as the Smart Sub2.5R or Smart Sub2.8R. Highest grade audio accuracy is guaranteed by fixed frequency switch mode output stage, avoiding any intermodulation artifact, and by the new "Control Plus" board allowing to achieve +6 dB more in terms of Signal-to-Noise Ratio. The Smart amplifier module is an extremely compact solution: power supply, output stage, DSP board and connectors are all included in a single, small, lightweight and protected chassis, and the perfect compatibility with the other Smart Series products allows to minimize efforts for mechanical development of different products. As for all Smart products, the Smart1.5 amplifier module is shaped and controlled using the DSP boards available to design the sound of the loudspeaker with a large set of processing algorithms. To achieve best performance in terms of fidelity, output capability and coverage consistency across the audience it combines onboard state-of-the-art transducers and Powersoft amplifier module with a DSP programmable via remote control and at the same time allows networking connection. The management software Armonia-Pro audio suite allows to customize the sound based on the own specific needs and to upload 4 different standard presets for the most common applications. Versatility is a key attribute of the Smart1.5. It is designed to meet a multitude of premium stand-alone and distributed sound reinforcement requirements: theatre, touring and portable live sound applications, corporate events, concert hall. Ideal as the main PA in small-to-medium size rooms, it can also be used as an front/in/out-fill loudspeaker in large-scale systems supplemented by different subwoofers of the Smart Series. The simple and elegant look with its special "black'n'white" design make this product interesting specially in permanent installations where appearance combined with the Loud Professional sound signature, can make the difference! The Smart1.5 can be pole-mounted using the box integrated socket. A complete range of rigging accessories make easier and faster other deployments such as wall-mounted, ceiling-mounted or stacked offering multiple set-up options and various orientations. The system can also be suspended using three M8 threaded inserts (three on the top/bottom panel and two on the rear panel). Great performances, compact dimensions and lightweight make the Smart1.5 incredibly smart & portable broadening the applications range, specially in mobile solutions. Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability. The Smart1.5 cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish. The system can be as well matched with the Loud Professional Smart Subwoofers range, boosting its LF extension. Applications: Theaters, Conference Halls, Concert Halls, Large Scale Discos, Clubs & Bars.

Applications: Touring || Theatre || Congress || Club



Transducers:	1 x 15in. Low-Mid woofer Reflex Loaded, 1 x 1.4in. exit comp. driver Horn loaded
Frequency range:	50 Hz -18 kHz +/-4dB
Crossover points	LMF/MHF: 50Hz /1.2 kHz (HPF)
Power handling:	LMF/MHF: 1050/200 W Program
Maximum SPL:	LMF/MHF: 127dB continuous, 133dB peak
Nominal coverage:	90°H/60°V (@-6dB point)
Nominal impedance:	LMF/MHF: 8/16 Ω
Input connections:	Female XLR input, male XLR link output, Neutrik Powercon In & Out
Enclosure construction:	
Shell:	18mm 13 Ply birch
Finish:	Black PCP (Polyurea Cabinet Protection) finish
Grille:	Powder coated 2mm Metal Rigid Grille
Dimensions:	
Height front:	790mm(31.10in.)
Height back:	790mm(31.10in.)
Width front:	495mm(19.48in.)
Width back:	270mm(10.62in.)
Depth:	455mm(19.91in.)
Net weight:	45kg(99lbs)

Features <<

Dedicated Two-way Full-Range powered system <<

Efficient Class D amplifier <<

Programmable DSP, Remote control & Networking connector <<

Four programmable DSP presets <<

Clip limiter and permanent signal limiter <<

Input volume potentiometer <<

Female XLR input, male XLR link output, Powercons In & Out <<

Two handles & 8 x M8 threaded inserts for easy setup <<

Black PCP (Polyurea Cabinet Protection) finish <<

Protection Bag <<

Smart Series

Smart Sub2.5R

Powered Sub-Bass enclosure

The Smart Series is the next generation high performance powered loudspeaker system comprising three full range and three subwoofer models, expressly designed for all applications where versatility, compact dimensions and lightweight are essential, while keeping great performances and high efficiency with no compromise.

Smart Series meets the needs of touring houses, installations, and the most demanding live sound applications ensuring they can deploy a no-compromise, all-in-one solution featuring legendary Loud Professional sound and performances. Smart Sub2.5R is a double actively subwoofer system, housing two 15in. (380mm) long excursion transducer loaded in separated bass reflex enclosures. The optimized vented ports reduce turbulence and port noise at high levels while also increasing LF efficiency and extending the response down to 35Hz. A class D four channels amplifier module provides an exceptional output power, specifically designed for two channels applications where high output voltage level is required, its 2 x 1500 W at 8 Ω (pair bridged) is the perfect engine to drive high power rock solid double subwoofers as the Smart Sub2.5R or Smart Sub2.8R. Highest grade audio accuracy is guaranteed by fixed frequency switch mode output stage, avoiding any intermodulation artifact, and by the new "Control Plus" board allowing to achieve +6 dB more in terms of Signal-to-Noise Ratio. The Smart amplifier module is an extremely compact solution: power supply, output stage, DSP board and connectors are all included in a single, small, lightweight and protected chassis, and the perfect compatibility with the other Smart Series products allows to minimize efforts for mechanical development of different products. As for all Smart products, the Smart Sub2.5R amplifier module is shaped and controlled using the DSP boards available to design the sound of the loudspeaker with a large set of processing algorithms. To achieve best performance in terms of fidelity, output capability across the audience it combines onboard state-of-the-art transducers and Powersoft amplifier module with a DSP programmable via remote control and at the same time allows networking connection. The management software Armonia-Pro audio suite allows to customize the sound based on the own specific needs and to upload 4 different standard presets for the most common applications. Versatility is a key attribute of the Smart Sub2.5R.

It is designed to meet a multitude of premium stand-alone and distributed sound reinforcement requirements: theatre, touring and portable live sound applications, corporate events, concert hall. Ideal as the main PA in small-to-medium size rooms, it can also be used as an front/in/out-fill/drum-fill loudspeaker in large-scale systems supplemented by different full ranges of the Smart Series. The M20 threaded insert integrated adapter on top panel allows the Smart full range to be stacked on.

Great performances, compact dimensions and lightweight make the Smart Sub2.5R incredibly smart & portable broadening the applications range, specially in mobile solutions. Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability. The Smart Sub2.5R cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish. The system can be as well matched with the Loud Professional Smart full ranges, boosting their LF extension.

Applications: Theaters, Conference Halls, Concert Halls, Large Scale Discos, Clubs & Bars.

Applications: Touring || Theatre || Congress || Club



Transducers:	2 x 15in. Long excursion woofer Reflex Loaded
Frequency range:	40 Hz - 150 Hz +/-4dB
Crossover points	LF1 + LF2: 35Hz - 90/100/110/120 Hz (HPF/LPF)
Power handling:	LF1 + LF2: 1050 + 1050 W Program
Maximum SPL:	LF1 + LF2: 134dB continuous, 140dB peak
Nominal coverage:	Omni
Nominal impedance:	LF1 + LF2: 8 + 8 Ω
Input connections:	Female XLR input, male XLR link output, Neutrik Powercon In & Out
Enclosure construction:	
Shell:	18mm 13 Ply birch
Finish:	Black PCP (Polyurea Cabinet Protection) finish
Grille:	Powder coated 2mm Metal Rigid Grille
Dimensions:	
Height front:	920mm(36.22in.)
Height back:	920mm(36.22in.)
Width front:	576mm(22.67in.)
Width back:	576mm(22.67in.)
Depth:	650mm(25.59in.)
Net weight:	80kg(176.36lbs)

Features <<
 Powered Sub-Bass enclosure <<
 Efficient Class D amplifier <<
 Programmable DSP, Remote control & Networking connector <<
 Four programmable DSP presets <<
 Clip limiter and permanent signal limiter <<
 Input volume potentiometer <<
 Female XLR input, male XLR link output, Powercons In & Out <<
 Black PCP (Polyurea Cabinet Protection) finish <<
 Protection Bag <<

Smart Series

Smart Sub1.8H

Powered Sub-Bass enclosure

Smart Series is a new line products line designed for all applications in which versatility as light and small dimensions are essential, while maintaining excellent performance and high efficiency. Smart Sub1.8H is a compact high performance ground stacked powered subwoofer. Fully horn loaded sub-bass enclosure is designed for powerful, clean and well defined bass reproduction. It features an innovative single 18" (460mm)/ 4"(100mm) long-excursion subwoofer to achieve an extended low frequency reproduction, designed for high SPL applications in a very compact size horn loaded configuration. The hyperbolic horn loading system allows to maximize the efficiency and the sound pressure level up to 140dB peak. Smart Sub1.8H includes a Class D Powersoft amplifier module with an integrated programmable DSP controlled via remote. Armonia Pro Audio Suite, the software management system, allows the networking connection to customizing the sound based on the own specific needs and allows to upload 4 different standard presets for the most common applications. A top hat fitting allows mid-top cabinets to be mounted on the SmartSub1.8H using the adjustable pole. The birch ply cabinet is fitted with four pocket handles, two for each side. It can be matched with all the most challenging Full-Range and Line-Array of the VH Full-Range/VH Line-Array family. It can be widely employed in Large Open Spaces, Arenas, Stadiums, Theaters, Conference Halls, Concert Halls and Large Scale Discos.



Transducers:	18in. Long excursion woofer Horn Loaded
Frequency range:	45 Hz - 250 Hz +/-4dB
Crossover points	HPF - LPF: 40 Hz - 100/125/180/250 Hz (HPF/LPF)
Power handling:	LF: 1500 W Program
Maximum SPL:	LF: 134dB continuous, 140dB peak
Nominal coverage:	Omni
Nominal impedance:	LF: 8 Ω
Input connections:	Female XLR input, male XLR link output, Neutrik Powercon In & Out
Enclosure construction:	
Shell:	18mm 13 Ply birch
Finish:	Black PCP (Polyurea Cabinet Protection) finish
Grille:	Powder coated 2mm Metal Rigid Grille
Dimensions:	
Height front:	700mm(27.55in.)
Height back:	700mm(27.55in.)
Width front:	530mm(20.86in.)
Width back:	530mm(20.86in.)
Depth:	770mm(30.31in.)
Net weight:	47kg(103.61lbs)

Features <<

Powered Sub-Bass enclosure <<

Efficient Class D amplifier <<

Programmable DSP, Remote control & Networking connector <<

Four programmable DSP presets <<

Clip limiter and permanent signal limiter <<

Input volume potentiometer <<

Female XLR input, male XLR link output, Powercons In & Out <<

Black PCP (Polyurea Cabinet Protection) finish <<

Protection Bag <<

Applications: Touring || Theatre || Congress || Club

Smart Series

Smart FocusEight

Dedicated Two-way Line-Array enclosure

The Smart FocusEight is a compact two-way Line-Array enclosure designed for a wide range of medium scale touring and fixed installation applications. It consists of two 8in. neodymium low-mid frequency drivers and an 1.5in. neodymium high frequency compression driver mounted on a proprietary double parabolic horn giving a 90°H x 10°V dispersion. Smart FocusEight is designed to combine a compact and lightweight enclosure and high performances with a dedicated LMF extension delivering the necessary output when a reinforced contour is desired. The FocusEight hardware flying system allows to build arrays up to 24 units in a curvature line-array and provides the necessary precision for the adjustments foreseen with a resolution of 1 deg. per step between the elements. The main frame is also designed for stacked use: this practical function is useful in all situations where it is necessary to install the system in a floor ground stacking configuration rather than fly it. Using the stabilizer feet, it is also possible to aim the FocusEight at the audience with the necessary inclination. With its compact dimensions it provides a perfect solution in locations with not very high ceilings which require power, clarity, intelligibility and precision for vocal speech, lead instruments and an immersive sound. Significant building criteria, the employment of the latest technologies and innovative materials, are able to guarantee great reliability and longevity. The anti-scratch Polyurea final paint makes the cabinet extremely resistant to atmospheric agents. It can be matched with all the most challenging Full-Range and Line-Array Loud Professional. The VH Infra 218R is particularly suited in Large Open Spaces, Arenas, Stadiums, Theaters, Conference Halls, Concert Halls and Large Scale Discos.



Applications: Touring || Theatre || Congress || Club

Smart Series

Transducers:	2 x 8in. Low-Mid woofer Reflex Loaded, 1 x 1.5in. exit comp. driver Horn Loaded (double parabolic wave guide)
Frequency range:	60 Hz - 18 kHz +/-4dB (55 Hz@-6dB)
Crossover points	LMF/MHF: 60 Hz - 900 Hz (HPF)
Power handling:	LMF/MHF:1300/320 W Program
Sensitivity:	LMF/MHF: 102dB/113dB 1W@1mt
Nominal coverage:	90°H-10°V (@-6dB point)
Nominal impedance:	LMF/MHF: 8/16 Ω
Input connections:	Two Speakon™ NL4 paralleled connectors

Enclosure construction:	
Shell:	18mm 13 Ply birch
Finish:	Black PCP (Polyurea Cabinet Protection) finish
Grille:	Powder coated 2mm Metal Rigid Grille
Dimensions:	
Height front:	270mm(10.62in.)
Height back:	200mm(7.87in.)
Width front:	650mm(25.59in.)
Width back:	485mm(19.09in.)
Depth:	570mm(22.44in.)
Net weight:	29Kg(63.93lbs)

Features <<	
Dedicated ultra compact Line-Array Element <<	
Very lightweight, 29Kg/29.93lbs <<	
Great flexibility for both Rental and Installation market <<	
Very high SPL output <<	
Extended low-mid reproduction below 60 Hz <<	
Proprietary integrated fast rigging <<	
Floor & Sub-Stacking possibility <<	
Black PCP (Polyurea Cabinet Protection) finish <<	
Flightcase for two units <<	

MicrHome

Two-Way Home audio system

Micrhome is the ideal partner for everyday home audio applications, it is quite literally the perfect fit for everyday needs. The special design houses a single coaxial 6.5in. Low-mid transducer with a built in 60 degrees conical waveguide.

The bass reflex optimized vented ports reduce turbulence and port noise while also increasing LF efficiency and extending the response down to 65 Hz.

The HF unit incorporates a 1in. exit compression driver performing an incomparable flat and smooth response up to 20 kHz.

The system can be successfully completed with the MicrHome Sub to further extend its lower response down to 50 Hz, always offering the Loud Professional legendary comfort listening.

A complete range of rigging accessories make easier and faster all the deployments such as ceiling-mounted or stacked offering multiple set-up options and various orientations.

Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability.

The MicrHome cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

Applications: Thetatres, Congress, Clubs, Houses, Shops, Pubs & Bars.



Applications: Theatre || Congress || Club || Shops || Pub & Bar || Home Audio

MicrHome Series

Transducers: 1 x 6.5in. Low-Mid woofer Reflex loaded
+ 1 x 1in. exit comp. driver Horn loaded coaxial system

Frequency range: 65 Hz - 20 kHz +/-4dB (50 Hz@-6dB)

Crossover points LMF/MHF: 60 Hz - 1.8 kHz

Power handling: LMF/MHF:200/80 W Program

Sensitivity: LMF/MHF: 92dB/103dB 1W@1m

Nominal coverage: 70°H - 70°V (@-6dB point) conical

Nominal impedance: LMF/MHF: 8/8 Ω

Input connections: Two Speakon™ NL4 paralleled connectors

Enclosure construction:

Shell: 18mm 13 Ply birch

Finish: Black or white Polyurea coated paint

Grille: Black PCP (Polyurea Cabinet Protection) finish

Dimensions:

Height front: 220mm(8.66in.)

Height back: 220mm(8.66in.)

Width front: 350mm(13.77in.)

Width back: 350mm(13.77in.)

Depth: 235mm(9.25in.)

Net weight: 8Kg(17.63lbs)

Features <<

Ultra compact Two-way passive system <<

Incomparable flat and smooth response up to 20 kHz <<

Extended Low-mid reproduction below 65 Hz <<

Great flexibility for both Rental and Installation market <<

Complete range of accessories available <<

Combination with the MicrHome Sub, boasting the LF Extension <<

Finest Black PCP (Polyurea Cabinet Protection) finish <<

MicrHome Sub

Home audio Sub-Bass system

Micrhome is the ideal partner for everyday home audio applications, it is quite literally the perfect fit for everyday needs. It's also particularly useful for all applications where high standard pressure levels are not required, such as distributed sound in small venue: pubs, bars, shops and more others.

The special design houses a single 8in. woofer loaded in a particular dual vented box.

The bass reflex optimized vented ports reduce turbulence and port noise while also increasing LF efficiency and extending the response down to 50 Hz.

The system can be successfully completed with the MicrHome two-way full-range to further extend its response up to 20 kHz, always offering the Loud Professional legendary comfort listening.

A complete range of rigging accessories make easier and faster all the deployments such as ceiling-mounted or stacked offering multiple set-up options and various orientations.

Significant construction criteria, combined with the latest technologies and innovative materials, ensure a great reliability.

The MicrHome cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish.

Applications: Theatres, Congress, Clubs, Houses, Shops, Pubs & Bars.



Transducers:
1 x 8in. woofer
Dual vented box

Frequency range:	50 Hz - 150 Hz +/-4dB (45 Hz@-6dB)
Crossover points	LF: 40 Hz - 150 Hz +/-4dB (HPF/LPF)
Power handling:	LF: 200 W Program
Sensitivity:	LF: 94dB 1W@1mt
Nominal coverage:	Omni
Nominal impedance:	LF: 8 Ω
Input connections:	Two Speakon™ NL4 paralleled connectors

Enclosure construction:

Shell:	18mm 13 Ply birch
Finish:	Black or white Polyurea coated paint
Grille:	Black PCP (Polyurea Cabinet Protection) finish
Dimensions:	
Height front:	350mm(9.25in.)
Height back:	350mm(9.25in.)
Width front:	500mm(19.68in.)
Width back:	500mm(19.68in.)
Depth:	300mm(11.81in.)
Net weight:	11Kg(24.25lbs)

Features <<

- Ultra compact Sub-Bass system <<
- Unrivaled punch-bass response compared to its range <<
- Extended Low reproduction below 50 Hz <<
- Great flexibility for both Rental and Installation market <<
- Complete range of accessories available <<
- Combination with the MicrHome full-range system <<
- Finest Black PCP (Polyurea Cabinet Protection) finish <<

Applications: Theatre || Congress || Club || Shops || Pub & Bar || Home Audio

MicrHome Series

AirFive

True Reference loudspeaker monitor

AirFive is a true reference loudspeaker monitor all designed and built in Italy using state-of-the-art technologies and components.

The result is unrivaled level of clarity, transparency and accuracy for a professional compact monitor.

It makes legendary Loud Pro performance available to every studio. Astonishing resolution and neutrality is provided by a sophisticated dual power class D amplifier with an integrated DSP.

AirStudio is the Loud Professional Reference Monitor series, the model number, AirFive refers only to the approximate size (in inches) of the bass driver.

The attention to details is evident throughout the design of the AirStudio series. The ribbon tweeter produces detailed, uncompressed highs and upper mids without being tiring over long listening periods. It combines a strong vertical directivity with a wider horizontal dispersion, ideal for rooms with reverberant ceilings and floors. Despite its compact housing, the bass response is powerful and precise.

Loud professional Airstudio Reference Monitors provide an accurate sound reproduction with outstanding clarity, definition, and neutrality.

Every AirStudio Series monitor is engineered to deliver an uncompromisingly flat frequency response, from the elimination of internal diffractions and controlling the sound directivity courtesy of the ribbon tweeter technology. The system extends its response up to 23 kHz

Its sturdy, vibration-free structure ensures diffraction-free sound reproduction even at highest output levels. Deep, accurate and tightly controlled bass response is delivered thanks to a double 5in. woofers and the low-frequency transmission line port.

To understand why, you have only to listen!

Applications: Studio Recording, Mastering, Video editing & Broadcast.

Applications: Studio Recording Mastering || Video editing || Broadcast || Home audio



Transducers:	2 x 5in. Low-Mid woofer Transmission Line 1 x Ribbon Tweeter (AMT Technology)
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Frequency range:	50 Hz - 32 kHz +/-4dB (40 Hz@-6dB)
Crossover points	LMF/MHF: 40 Hz - 2.5 kHz (HPF)

Power handling:	LMF/MHF: 240/210 W Program
Sensitivity:	LMF/MHF: 92dB/91dB 1W@1mt

Nominal coverage:	70°H - 30°V (@-6dB point)
Nominal impedance:	LMF/MHF: 4/6 Ω

Input connections:	Female XLR input, male XLR link output, Usb & Eth network, AC Mains VDE
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Enclosure construction:	
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Shell:	
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Finish:	15/18mm 13 Ply birch
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Grille:	Black PCP (Polyurea Cabinet Protection) finish
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Dimensions:	N.A.
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Height front:	
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Height back:	582mm(22,91in.)
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Width front:	582mm(22,91in.)
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Width back:	180mm(7,08in.)
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Depth:	180mm(7,08in.)
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Net weight:	512mm(20.15in.) 15Kg(33lbs)
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Features <<

Advanced Transmission Line Technology <<

Greater bass extension and higher SPL capabilities <<

>> Unrivalled tonal accuracy <<

Precision AMT driver designed and built for dynamics & neutrality <<

Pronounced vertical directivity, wide horizontal dispersion <<

Dedicated Class D with ultra low distortion amplifiers for each driver <<

Powerful DSP engine controlling driver response, crossover & EQ <<

Connectivity with balanced XLR IN/OUT, adjustable volume control <<

Rear side Display, on board programmable presets <<

Management software & Networking possibility <<

AirStudio Reference Monitor Series

PoweRack V.1

Professional Touring Rack



Applications: Touring || Theatre || Congress || Club

PoweRack Series

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Our origins

Loud Professional manufactures professional sound reinforcement. The project was born in Italy in the early 90s and initially focused almost exclusively in research and experimentation, thanks to the strong motivation and passion of Loud Professional founder Valerio Cherubini (CEO & Founder).

Bringing expertise & Know-How On the road

Before entering the professional audio market, Loud Professional staff and products underwent a long period of direct test "on the road". This trial period allowed us to gain a wide expertise, giving us the needed experience to begin our professional journey.

Brand Identity

Loud Professional experienced in the 90s a profound evolution that culminated with the refinement of the VH e-motion series, a true flagship of the company. This evolution led us to the definition of the Sound Philosophy, giving rise to an important Brand Identity process, characterized by the strong spirit of the company. Definitively, our systems were - and still are - extremely recognizable due to the particular and unmistakable speaker design.

The Sound Philosophy

The VH e-motion Series was started with a fundamental ambition that inevitably took its name: to give back to the audience the purest and accurate listening experience wherever they moved within the audience itself.

This was the starting point of our sound philosophy: to give all listeners the same identical emotions (e-motion) in listening, the most uniform possible along the two fundamental axes, "V"vertical (forward and backward) and "H"orizontal (from left to right). Hence the name VH e-motion.

With this important system emerged our guide line that we still respect and pursued today: **controlled directivity, high efficiency, wide dynamics range, strong sound impact, powerful bass, smooth and flat frequency response.**

Later on, in order to answer to the professional market and installations requirements, all successive product lines were created: first the VH Layer Series, in which all the aforementioned principles were transposed from Point Source to Line Source, and now our current line "Formula", which to us is nothing but a new starting point where all our above mentioned principles are respected and maximized. Moreover, our products are suitable to extremely different use conditions.

Our Mission

Our mission is to always offer the maximum comfort to our listeners, so they never get tired at any sound pressure level and they can feel the strongest emotions in a new "**unheard way**" through the most accurate manufacturing of extremely advanced and technologically innovative sound reinforcement.

The Intensive R&D

Being fully aware that R&D activities are the core of our continuous evolution, we have always focused on improving the manufacturing process in which not even the smallest mistake is tolerated. Our advanced prototyping activity, our current highly automated manufacturing process and the use of the latest technologies in production cycles allowed us to achieve a high quality standard ensuring great uniformity through production batches and high product reliability over time.

About Us

The Look Made in Italy

"Italians do it better" in many different domains and we are proud to say that Loud Professional is a 100% Made in Italy product, from the design to the engineering to the final result. Our product is appreciated in many ways and one is definitely the Look.

Characterized by its sober and elegant shape, the design of Loud Professional products is absolutely unmistakable. The chromatic contrast between the black of the cabinet and the pure white of some salient details, such as the waveguides, make it a one-of-a-kind product that integrates harmoniously into the architecture of the installment place. The unmistakable discretion and charm are key-points of our line.

The Technical support

Passion, experience and Know-How, perfect Identity and sound philosophy, are the result of a long evolution and constant research, representing the staples of Loud Professional, but we still have some more important objectives to be achieved.

For sure, one of the most important is to create the largest audience of constantly updated and well-trained users who share the same sound philosophy, the same way of thinking.

In order to do this we have been organizing workshops, courses and seminars for the industry experts. This training moments are vital for learning our systems' functionality and for adapting it to every use, so to always achieve the best performance, anytime and anywhere.

Whenever you are using a Loud Professional system you will always have the same feeling!

The refinement of particular application softwares such as the one for sound management (Armonia Pro Audio Suite) and the one for sound prediction (Ease Focus III) allows a more precise and fast use of the loudspeakers, specifically with the aim of standardizing the Loud Professional sound.

The creation, in partnership with Powersoft, of PoweRack as a solid platform for amplification has allowed us to come full circle. A wide range of dedicated presets, managed by the executable Armonia Pro Audio Suite, allows for the perfect use of our speakers without any margin of error and maximizing its performances. The PoweRack is an extremely useful and indispensable tool that guarantees the correct power supply of the amplifiers, the correct management of the input signals and the output power, in complete respect of the internal wiring to the speakers. AC Mains & Signals Patch and PowerPatch are the main responsibles for this job and they are both integrated into the different versions of the PoweRack, mistakes are no accepted!

Marketing Approach & Brand Awareness

We engage in an intense promotional and demonstrative activity that naturally favors the growth and dissemination of our brand. Once you've listened to a Loud Professional system, you can't live without it! We regularly participate to the most important trade fairs, that take place globally, to reach out to experts and companies interested in using Our system as many as possible, thus creating a Network within the global distribution. The most widespread sharing within the network and the world wide distribution facilitates the integration of our systems.

Loud Studio, our new concept of assistance, allows today's users to be globally assisted according to their every need. highly qualified staff in each assistance center will be able to answer to the different request for technical assistance and more. Special system configurations, prediction projects, custom-made installations and more can be provided in a short time spread.

We promise that with us you will experience the maximum comfort by living a unique experience. Our main goal is your total satisfaction...

"you have only to listen, Enjoy the Sound!"

About Us



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loud.it

WELCOME TO LOUD PROFESSIONAL

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