# **ZEAV/2016 Full Line Interactive Catalogue**

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# REAW

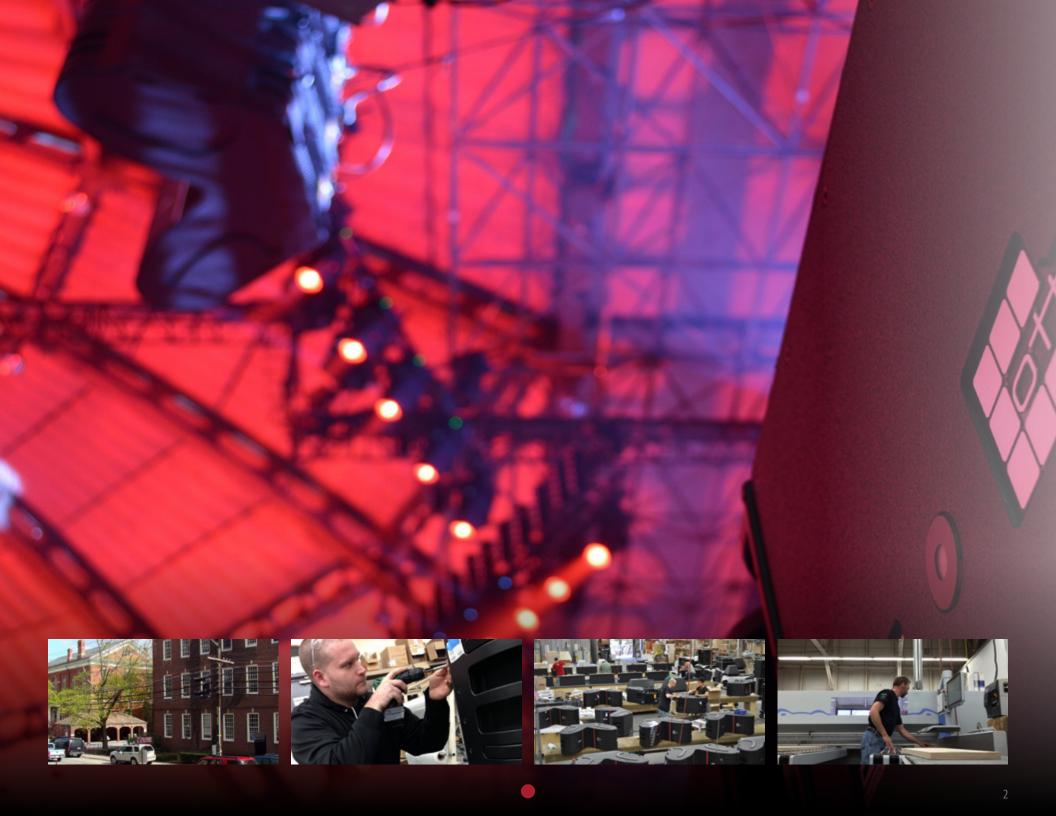
### 2016 Full Line Interactive Catalogue

To personally experience the natural reproduction of audio is a gift. There is a transcendent connection between artist and audience that cannot readily be described. Any sound reinforcement system that is used during a live performance must strive to connect each and every member of the audience to the art as if the system itself is not even there. A loudspeaker system is not the art. It is the canvas.

This is the fundamental principle upon which EAW was founded in 1978 and it still drives all aspects of our engineering philosophy to this very day. Every generation of EAW loudspeaker systems has taken yet another step toward this ultimate goal of transparency. This design objective is more specifically defined as linear frequency and phase response, an ideal impulse response, optimal consistency within the intended coverage area, extremely low distortion and the seamless ability for products to work together in unison. We develop ground-breaking technologies that push our products ever closer to these ideals while always remaining unmistakably EAW.

We are not artists. Our role is one of preservation. We must protect the art of others and ensure that all observers personally experience the gift.

Welcome to EAW.



#### EAW Heritage

2016 marks the 38th year of business for EAW. EAW operations are based in a historic mill complex in Whitinsville, MA that signifies the birth of the industrial revolution in America and once was the home of one of the largest manufacturers of textile machines in the world. All EAW products are designed by the US-based engineering team and today, the majority of products are manufactured in the historic factory on the banks of the Mumford River.

From the very beginning, EAW has delivered breakthrough technologies that unite artist and audience by solving the challenges that audio professionals face every day. The technology story has followed a clear path that began with the optimization of core acoustic components and has logically led to the optimization and integration of more and more aspects of the signal chain.

Every facet of system design focuses on delivering acoustical precision that is targeted at the exacting demands of a specific application. The conceptual goal is to ensure that from the simplest system to the most extensive array of devices, all EAW systems perform as a unified whole with a common origin. Like studio monitors, EAW systems are designed to provide the most neutral, transparent experience possible. But unlike studio monitors, EAW systems are designed to do this for events or facilities of any shape or size. EAW has always and will continue to exclusively develop integrated products and applied technologies that redefine the industry envelope.

#### EAW Core Technologies

Adaptive Performance Adaptive Performance integrates nearly every aspect of a loudspeaker – mechanical, electrical and acoustical design – to one end: ideal three-dimensional coverage of every venue, every time.

**DynO** Dynamic Optimization actively tracks input spectrum and power delivery, continually maximizing output and fidelity at any drive level.

**Symmetry of Sources** Symmetrical arrangement of acoustic sources along a common axis for utmost consistency throughout the coverage pattern.

**Concentric Summation Array (CSA)** A method of seamlessly integrating MF and HF components within a single horn. With CSA, multiple subsystems sum coherently, without interruption to either HF or MF wavefronts.

#### Application Support Group (ASG)

Since the late 90's, the EAW Application Support Group (ASG) has been the primary "TouchPoint" for EAW users around the world. ASG creates many of the support materials in our library and is there to help audio professionals in all markets identify and apply the ideal EAW system solution to their specific application. ASG is a diverse group of resources having direct background and expertise in the touring, production and system integration markets who are always available to offer technical expertise around the globe. Application support can range from simple product selection and appropriate product usage to assisting with the development of a more comprehensive system solution. And if none of our standard products optimally meets the needs of your application, ASG can even help develop a custom solution just for you (asg@eaw.com).

Need a product drawing? EASE data file? Specification sheet? The EAW Documentation Library (www.eaw.com/docs/) is the place to find it. ASG constantly updates the content of the library to ensure that you can always get what you need when you need it. ASG has also created an extensive library of education and training materials that can be found on our website and YouTube channel. You will find application guides, technical articles, white papers and videos that cover a wide range of topics. ASG recognizes the importance of training and professional development by offering materials that cover core system design topics and basic physics. You will also find a range of materials that specifically cover EAW Products, Software and Certification Programs.

**Phase Aligned LF** Tuned spacing of LF components to extend pattern control without the need for enormous horns.





**Beamwidth Matched Crossovers** Introduced over a decade ago for our MK series loudspeakers, EAW Engineers use carefully-designed HF horns and crossovers to eliminate polar irregularities through the crossover point.









Adaptive Adaptive systems have the unique ability to assess and then perfectly match the three dimensional performance requirements of any venue. These comprehensively integrated systems utilize a high resolution array of discretely powered and processed acoustical devices in concert with powerful EAW Resolution software to create optimized results at show speed without the need for physical reconfiguration. Adaptive systems can autonomously determine their array configuration, continuously analyze every system element and even heal the system coverage in the unlikely event of a fault. Simply put – these systems will forever change the world of sound reinforcement.



Anya

Anya is a complete, self-contained, high-power sound reinforcement system that adapts all performance parameters electronically, allowing it to be used in virtually any application. Columns of Anya modules hang straight, without any vertical splay, and EAW Resolution<sup>™</sup> 2 software adapts total system performance to deliver consistent, full-range output across the entire coverage area as defined by the user. Extremely powerful and immensely scalable, Anya is suitable for anything from small venues to the largest stadiums. Otto is the companion subwoofer for this system.

Operating Range (-10 dB, Hz) 35 - 18k Calculated Maximum Output Peak (dB SPL) Unadapted LF: 137; MF: 142; HF: 146 Nominal Coverage (degrees) Horizontal: 70 (scalable up to 360); Vertical: Adaptive<sup>™</sup> Subsystems LF: 2x 15-in cone, vented, Phase Aligned<sup>™</sup>, Offset Aperture<sup>™</sup> loading MF: 6x 5-in cone, horn-loaded with Radial Phase Plug<sup>™</sup> and CSA<sup>™</sup> apertures

HF: 14x 1-in exit, compression driver, horn-loaded

Powering 22 amplifier & DSP channels, internal

Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 285 / 129.3 30x45x17 / 762x1143x435







Anna is the newest introduction to EAW's flagship line of Adaptive<sup>™</sup> Systems, providing all of the benefits of Adaptive Performance in a high-output mid-sized enclosure. Columns of Anna can be flown as mains or mixed with columns of Anya within the same array to extend Anya's outstanding fidelity to even greater coverage possibilities. Like all Adaptive Systems, Anna is controlled via Resolution™ 2 software over the Dante<sup>™</sup> network and utilizes the same standardized power and data infrastructure. Otto is the the companion subwoofer for this system.

Operating Range (-10 dB, Hz)	45 - 18k
Calculated Maximum Output Peak LF: 130; MF: 136; HF: 141	(dB SPL) Unadapted
Nominal Coverage (degrees) Horizontal: 100 (scalable up to 360 Vertical: Adaptive™	0);
Subsystems LF: 2x 10-in cone, vented, Phase A Offset Aperture™ loading MF: 4x 5-in cone, horn-loaded wit CSA™ apertures HF: 8x 1-in exit, compression drive	h Radial Phase Plug™ and
Powering	

14 amplifier & DSP channels, internal

Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 135 / 61 11.3x40x23.6 / 287x1016x599





Otto is the world's first Adaptive<sup>™</sup> subwoofer. Utilizing two Offset Aperture-loaded woofers paired with independent on-board amplification, processing and networking, Otto extends Adaptive Performance<sup>™</sup> to the lowest octaves of the audible spectrum. Incorporating a rotationally-symmetrical enclosure and rigging, Otto will perfectly balance lowfrequency coverage with cancellation to suit the user's requirements; omni, cardioid, hyper-cardioid or anywhere in between from just a single module. Combined in arrays, Otto provides users with nearly endless possibilities in low-frequency pattern control.

Operating Range (-10 dB, Hz)	22 - 170
Calculated Maximum Output Peak (dB 9 VLF: 136	SPL) Unadapted
Nominal Coverage (degrees) Horizontal: Adaptive™; Vertical: Adaptive™	
Subsystems VLF: 2x 18-in cone, vented, Offset Aper	ture <sup>™</sup> loading
Powering 2 amplifier & DSP channels, internal	
Approx. Weight (lb. / kg) & Dimensions 210 / 95.3 24x31.5x31.5 / 610x800x800	(imperial / metric)



"I like to embrace new technology, and Anya is something guite clever – almost a smart PA. I've had a ton of calls from my peers in the industry asking me about it, and I do think it's the next thing."

> Jim Ebdon FOH Engineer, Maroon 5







Line Source EAW modular line source systems utilize a combination of phase aligned direct radiating sources and optimized horn loaded sources to generate a coherent wavefront over the entire audible spectrum. The vertical directivity of every arrayed system conforms to the curvature of the array while the symmetrical design of every module provides absolute uniformity over the horizontal coverage area and spectacular imaging when used in stereo. The addition of EAW Focusing processing provides the hallmark level of clarity and detail for which EAW systems are known.



The KF740 line array system is optimized for the widest possible range of touring and installation applications. With output capabilities resembling the much larger KF760 and a footprint and weight similar to the diminutive KF730, the KF740 is the ideal solution for a wide variety of applications including touring sound, corporate A/V, sports arenas, houses of worship, performing arts centers and live clubs. The KF740 is also available in an installation-only format.

Operating Range (-10 dB, Hz) 50 - 19k Calculated Maximum Output Peak (dB SPL) LF: 131 / MF: 140 / HF: 140 Nominal Coverage (degrees) Horizontal: 90 / Vertical: 12 Subsystems LF: 4x 10-in cone, sealed, phase aligned MF: 2x 8-in cone, horn-loaded HF: 2x 1.4-in exit compression driver, horn-loaded Powering Tri-amplified Switchable: bi-amplified or tri-amplified (KF740P and P-WP only) Versions Black Black and White, Permanent (P) Black, Permanent + Weather-protected (P-WP) Approx. Weight (lb. / kg) & Dimensions (imperial / metric)

107 / 48.6 13x40x17.5 / 330x1018x446



The KF730 Series is a compact line array system that delivers 3-way, KF Series performance in a flexible, easy-to-use system. Capable of delivering concert-level output, the <u>KF730</u> and <u>KF737</u> are excellent solutions for application such as houses of worship, corporate A/V, theatre, ballrooms and concert halls, or for supplemental coverage beneath KF740 and KF760 arrays. The KF730 and KF737 are also available in an installation-only format, or with the companion SB730 subwoofer.

Operating Range (-10 dB, Hz) 60 - 19k Calculated Maximum Output Peak (dB SPL) LF: 125 / Passive MF/HF: 136 Subsystems LF: 2x 10-in cone, sealed, phase aligned MF: 2x 7-in cone, horn-loaded HF: 2x 1-in exit compression driver, horn-loaded Powering **Bi-amplified** Models & Coverage (deg, H x V) KF730 (110 x 12) KF737 (75 x 12) Versions Black and White, Permanent (P) Black and White, Permanent + Weather-protected (P-WP) Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 77/34.7 13x28.5x17.5 / 330x723x445





KF720: LF: 118

NTL720: LF: 118

Subsystems

Powering

Models

KF720

**Bi-amplified** 

Tri-amplified, internal

Nominal Coverage (degrees)

Horizontal: 110 / Vertical: 12

MF: 2x 6-in cone, horn-loaded

NTL720 (Powered 115V or 230V)

KF720: 44 / 20; NTL720: 47 / 21.5

29.25x30x23.3 / 743x762x594

LF: 2x 6-in cone, sealed, tuned spacing

HF: 6x 1-in dome tweeter, horn-loaded

The KF720 and NTL720 deliver the three-way design, power and fidelity of EAW line arrays in ultra-compact enclosures weighing less than 47 pounds, allowing them to fulfill a range of application requirements ranging from small permanent installations to temporary live events. Utilizing the same acoustical components, the KF720 and NTL720 provide the option of powering the system externally (KF720) or utilizing on-board amplification, processing and networking (NTL720). The NTS250 is also available as a companion subwoofer. Operating Range (-10 dB, Hz) 75 - 19k Calculated Maximum Output Peak (dB SPL)

MF/HF: 126

HF: 127

MF: 128

Approx. Weight (lb. / kg) & Dimensions (imperial / metric)



The JFL213 compact two-way line array module integrates a range of EAW's most innovative line array technologies within a mobile, lightweight constant-curvature package appropriate in a wide range of smallto medium-sized venues. With its companion subwoofer, the JFL118, this easy-to-use system solves problems in both portable and permanently-installed applications. Operating Range (-10 dB, Hz) 65 - 20k

Calculated Maximum Output Peak (dB SPL) LE: 131 HF: 130 Full-range: 130 Nominal Coverage (degrees) Horizontal: 110 / Vertical: 15 Subsystems LF: 2x 10-in cone, vented HF: 3x .75-in exit compression driver, horn-loaded Powering Switchable: bi-amplified/passive Versions Black or White Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 62/28 12.4x24.8x15.6 / 314x631x397









Point Source From the most compact 2-way JF systems through the celebrated 3-way KF systems upon which the company was established, EAW offers an extensive range of portable point source systems that are perfect for a wide variety of applications from fills to mains. All systems incorporate highly customized devices with a no-holds-barred approach to output capability and bandwidth in a vehicle and human friendly package. The portable point source grouping includes both conventional externally-powered systems and comprehensively integrated systems complete with on-board power and multi-stage processing.



The <u>RL15</u> is a two-way powered portable loudspeaker designed specifically for touring, rental & staging and permanent installation. The loudspeaker incorporates a complete on-board 1,250-watt bi-amplified electronics package mated to precision transducers, and features renowned EAW Focusing<sup>™</sup> and DynO<sup>™</sup> processing to deliver a pristine impulse response at even the most extreme output levels. The RL15 also offers a robust yet very lightweight RoadCoat<sup>™</sup> enclosure, pole cup, M8 flying points and symmetrical rear angles to allow users to easily form mirror-image monitor pairs.

Operating Range (-10 dB, Hz)	50 - 19k				
Calculated Maximum Output Peak (dB SPL) Full-range: 135					
Subsystems LF: 15-in cone, vented HF: 1-in exit compression driver, horr	n-loaded				
Powering	Bi-amplified, internal				
Nominal Coverage (degrees) Horizontal: 90 / Vertical: 60					
Versions Black, Powered (universal mains)					
Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 55 / 24 25.8x17.6x19.8 / 655x447x503					
8 🕲 👯 🐼					



The <u>RL12</u> is a two-way powered portable loudspeaker designed specifically for touring, rental & staging and permanent installation. The loudspeaker incorporates a complete on-board 1,250-watt bi-amplified electronics package mated to precision transducers, and features renowned EAW Focusing<sup>™</sup> and DynO<sup>™</sup> processing to deliver a pristine impulse response at even the most extreme output levels. The RL12 also offers a robust yet very lightweight RoadCoat<sup>™</sup> enclosure, pole cup, M8 flying points and symmetrical rear angles to allow users to easily form mirror-image monitor pairs.

Operating Range (-10 dB, Hz)	55 - 19k
Calculated Maximum Output Peak Full-range: 135	(dB SPL)
Subsystems LF: 12-in cone, vented HF: 1-in exit compression driver, ho	orn-loaded
Powering	Bi-amplified, internal
Nominal Coverage (degrees) Horizontal: 90 / Vertical: 60	
Versions Black, Powered (universal mains)	
Approx. Weight (lb. / kg) & Dimens 42 / 19	ions (imperial / metric)
22.8x14.6x17.3 / 579x371x439	





The <u>RL18S</u> is a powered portable subwoofer designed specifically to accompany the Redline product family for touring, rental & staging and permanent installation. The RL18S incorporates a complete on-board 1,000-watt electronics package mated to a high-power transducer and features DynO<sup>™</sup> processing to deliver consistent fidelity at any output level. Additionally, users can easily generate a cardioid pattern with two or more units and two simple button presses, providing more than 15 dB of attenuation behind the stack. The RL18S also includes a pole cup and a robust yet very lightweight RoadCoat<sup>™</sup> enclosure.

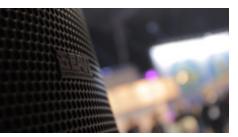
Operating Range (-10 dB, Hz)	28 - 160
Calculated Maximum Output Peal Sub (whole space): 127	k (dB SPL)
Subsystems Sub: 1x 18-in cone, vented	
Powering	Single-amplified, interna
Versions Black, Powered (universal mains)	
Approx. Weight (lb. / kg) & Dimer 83 / 37 19.9x24.8x33 / 505x630x838	nsions (imperial / metric)



"The Anya system is a very powerful, punchy and musical PA system, in a very modern package. All of the acts were happy with the FOH mix, and
I had a great time mixing the show on this system."

Ron Reaves, FOH Mixer, 2013 American Country Awards, Las Vegas, NV











#### KF650 & KF695

The KF650z and KF695z Virtual Array<sup>™</sup> system's true 3-way design dramatically improves the quality of vocal reproduction while it conedriven midrange horn extends pattern control into the lowest octaves.

Operating Range (-10 dB, Hz) 50 - 17k
Calculated Maximum Output Peak (dB SPL)
LF: 135 MF: 141
HF: 138
Passive MF/HF: 135
Subsystems
LF: 15-in cone, vented
MF: 10-in cone, horn-loaded HF: 1.4-in exit compression driver, horn-loaded
Powering
Switchable: bi-amplified (passive LF/MF) or tri-amplified
Models & Coverage (deg, H x V)
<u>KF650z</u> (60 x 45)
<u>KF695z</u> (90 x 45)
Versions
Black
Black, Permanent + Weather-Protected (P-WP)
Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 135 / 61.4
33.3x19.8x12.9 / 502x328x524



These additions to the legendary KF Series of premium 3-way loudspeakers pack even more capability and application into an ultracompact package. The integration of premium neodymium components, a co-axial mid/high-frequency component and worldrenowned crossover design into one enclosure offers unprecendented utility. Operating Range (-10 dB, Hz) 64 - 20k

alculated Maximum Output Peak (dB SPL) F: 134 ssive MF/HF: 137 to 139 ull-range: 133 to 134 ubsystems F: 2x 10-in cone, vented, tuned spacing AF: 1.4-in cone, horn-loaded, coaxial with HF IF: 1.4-in exit compression driver, horn-loaded owering witchable: bi-amplified/passive; Powered: bi-amplified, nternal lodels & Coverage (deg, H x V) F394 (90 x 45) F364 (60 x 45) ersions lack

lack Iack, Powered 115V or 230V (NT) Iack, Weather-Protected (WP)

Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 65 / 29.5





Less than 20 inches (~500 mm) tall and weighing about 40 pounds (18 kg), the <u>KF200NT</u> truly is EAW's "Mighty Mite". Coupling a coaxial three-way design with a customconfigured NT power and processing module, the KF200NT provides performance that far exceeds what one would expect based on its physical dimensions.

Iperating Range (-10 dB, Hz) 4 - 20k
alculated Maximum Output Peak (dB SPL) ull-range: 128
lominal Coverage (degrees) Iorizontal: 100 / Vertical: 100
ubsystems F: 10-in cone, sealed AF: 8-in cone, sealed, coaxial with HF IF: 1-in exit compression driver, Waveguide Plate™
owering ri-amplified, internal
′ersions Ilack, Powered 115V or 230V (NT)
pprox. Weight (lb. / kg) & Dimensions (imperial / metric) 0 / 18 9.7x11.9x12.3 / 502x303x314



The JF59 and JF56 are comprehensivelyintegrated two-way sound reinforcement systems designed around the concepts of power and utilty. Like others in the JF Series, the JF59 and JF56 combine portable features such as a pole cup, convenient handles and connection points for flytrack with permanent installation features such as M10 mounting points and trim plates. The JF59 and JF56 are also available with NT modules, adding onboard amplification, procesing and networking via the U-Net protocol.

Operating Range (-10 dB, Hz) 47 - 20k Calculated Maximum Output Peak (dB SPL) LF: 132 HF: 136 Full-range: 131 to 132 Subsystems LF: 15-in cone, vented HF: 1.4-in exit compression driver, horn-loaded Powering Switchable: bi-amplified/passive Powered: bi-amplified. internal

Models & Coverage (deg, H x V) JF59 (90 x 45) JF59NT (90 x 45) JF56 (60 x 45) JF56NT (60 x 45)

Versions Black Black, Powered 115V or 230V (NT) Approx. Weight (Ib. / kg) & Dimensions (imperial / metric) 77 / 35

25.5x18x17 / 648x165x435

2











The JF29 and 26 are comprehensivelyintegrated two-way sound reinforcement systems designed around the concepts of power and utilty. Like others in the JF Series, the JF29 and JF26 combine portable features such as a pole cup, convenient handles and connection points for flytrack with permanent installation features such as M10 mounting points and trim plates. The JF29 and JF26 are also available with NT modules, adding onboard amplification, procesing and networking via the U-Net protocol.

Operating Range (-10 dB, Hz) 55 - 20k			
Calculated Maximum Output Peak (dB SPL) LF: 130 HF: 136 to 137 Full-range: 130			
Subsystems LF: 12-in cone, vented HF: 1.4-in exit compression driver, horn-loaded			
Powering Switchable: bi-amplified/passive Powered: bi-amplified, internal			
Models & Coverage (deg, H x V) <u>JF29</u> (90 x 45) <u>JF29NT</u> (90 x 45) <u>JF26</u> (60 x 45) <u>JF26NT</u> (60 x 45)			
Versions			

Black

Black, Powered 115V or 230V (NT)

Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 56 / 25.4 22.3x14x15.2 / 566x354x387







The JF8 and JF10 extend the unpredented utility and and adaptability of the JF Series to a compact yet robust 8" and 10" formats. Like others in the JF Series, the JF8 and 10 combine portable features such as a pole cup, convenient handles and connection points for flytrack with permanent installation features such as M10 mounting points and trim plates.

Operating Range (-10 dB, Hz) 63 - 22k (varies per model)	
Calculated Maximum Output Peak (dB SPL Full-range: 124 to 126	_)
Nominal Coverage (degrees) Horizontal: 100 / Vertical: 100	
Powering Full-range	
Models & Subsystems JF10 (10″ woofer) JF8 (8″ woofer)	
Versions Black or White	
Approx. Weight (lb. / kg) & Dimensions (in JF10: 36 / 16.3 19.7x11.9x11.4 / 502x303x289 JF8: 29 / 13.2 17.5x10x11.3 / 444x255x287	nperial / metric)



The JF80z is a compact loudspeaker, engineered for exceptional near-field performance. It's high output capabilities and exceptional fidelity make it ideal for background/foreground music applications, or as a fill or delay element in larger systems.

Operating Range (-10 dB, Hz) 85 - 20k Calculated Maximum Output Peak (dB SPL) Full-range: 123 Nominal Coverage (degrees) Horizontal: 100 / Vertical: 100 Subsystems LF: 2x 6.5-in cone, sealed HF: 1-in exit compression driver, Wavequide Plate<sup>™</sup> Powering Full-range Versions Black or White Black, 64W Multi-tap transformer (MT) Black, Weather-protected (PL-WP) Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 25 / 11.3 20.9x7.8x4.7 / 532x199x247



The JF60z is an ultra compact loudspeaker, engineered for exceptional near-field performance. It's high output capabilities and exceptional fidelity make it ideal for background/foreground music applications, or as a fill or delay element in larger systems. Operating Range (-10 dB, Hz) 83 - 20k Calculated Maximum Output Peak (dB SPL) Full-range: 117 Nominal Coverage (degrees) Horizontal: 100 / Vertical: 100 Subsystems LF: 6.5-in cone, sealed HF: 1.3-in dome, Waveguide Plate<sup>™</sup> Powering Full-range Versions Black or White Black, 64W Multi-tap transformer (MT) Black, Weather-protected (PL-WP) Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 17 / 7.7 14.6x7.8x9.7 / 372x199x247

"Red Rocks is a challenging environment. I knew the system could blanket the seating area and drop off where required and sound better than any other system out there. The 18 cabinet **Anya** arrays were the largest assembled columns to date – and it sounded fantastic. We shaded it down at the top and it was perfect."

> Jason Decter FOH Engineer, Bassnectar









The LA325 provides concert-level output in a versatile, portable enclosure. Designed to provide high-definition nearfield performance, the LA325 includes both handles and suspension points, as well as switchable powering modes for maximum flexibility.

Operating Range (-10 dB, Hz) 35 - 20k
Calculated Maximum Output Peak (dB SPL) LF: 136 Passive MF/HF: 134 Full-range: 134
Nominal Coverage (degrees) Horizontal: 90 / Vertical: 70
Subsystems LF: 2x 15 -in cone, vented MF: 2x 7-in cone, sealed subenclosure HF: 2-in exit compression driver, Waveguide Plate™
Powering Switchable: bi-amplified (passive MF/HF) or full-range
Versions Black

Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 165 / 75 47x20.8x19.5 / 1194x529x495



The LA215 integrates with other LA Series loudspeakers in terms of functionality, appearance and sonic signature. Rubber feet, a pole cup and dual-angle enclosure allow the LA215 to serve as both mains or monitor depending on the application and scale.

Operating Range (- 44 - 18k	-10 dB, Hz)
Calculated Maximu Full-range Passive:	ım Output Peak (dB SPL) : 131
Nominal Coverage Horizontal: 90 / Ver	
Subsystems LF: 15-in cone, ven HF: 2-in exit compr	ted ression driver, Waveguide Plate™
Powering Full-range	
Versions Black	
Approx. Weight (lb 80 / 36.4 9.7x18.5x19.5 / 75	. / kg) & Dimensions (imperial / metric) 6x470x495



The LA212 integrates with other LA Series loudspeakers in terms of functionality, appearance and sonic signature. Rubber feet, a pole cup and dual-angle enclosure allow the LA212 to serve as both mains or monitor depending on the application and scale.

Operating Range (-10 dB, Hz) 50 - 18k
Calculated Maximum Output Peak (dB SPL) Full-range Passive: 130
Vominal Coverage (degrees) Iorizontal: 90 / Vertical: 90
ubsystems .F: 12-in cone, vented 1F: 2-in exit compression driver, Waveguide Plate™
Powering Full-range
/ersions 3lack
Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 52 / 23.7 24x14.7x14.7

"We, at Rat Sound, maintain an \_\_\_\_ active awareness of new pro audio technologies. It seems every few months a new sound system is \_\_\_\_ released with varying degrees of useful assets: a little louder, a bit lighter, somewhat smaller, and so on, but rarely is a system released — that offers a completely new set of assets and advantages. We decided to embrace and add an EAW Anya™ — system to our premium rental inventory because we believe Anya is a truly revolutionary advance in large format sound reinforcement technology."

> Dave Rat, Founder Rat Sound Systems, Camarillo, CA









Monitor EAW MW Series – MicroWedge – stage monitors consistently deliver the legendary sonic performance, output capability and superior design principles of the first generation in a wide variety of sizes. Renowned by audio professionals and discerning artists around the globe, the MicroWedge Series has been pushed to extreme limits by the prowess of the EAW Engineering team – proof that indeed, the best can get even better.

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The MW15 represents the highest-output model in the MicroWedge Series. The MW15 can easily switched between single-amp and bi-amp operation, and includes integral flytrack for enclosure suspension. The low-frequency port is also large enough to accommodate an entire tripod microphone stand leg as well as excess cabling, for an extremely clean on-stage appearance.

Operating Range (-10 dB, Hz) 62 - 20k
Calculated Maximum Output Peak (dB SPL) LF: 133 HF: 134 Full-range: 132
Nominal Coverage (degrees) Horizontal: 90 / Vertical: 90
Subsystems LF: 15-in cone, vented, coaxial with HF HF: 1.4-in exit compression driver, horn-loaded
Powering Switchable: full-range or biamplified
Versions Black
Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 65 / 29.5

14x19x24 / 357x483x614





The <u>MW12</u> balances amazing output with extraordinary compactness. The MW12 can easily switched between single-amp and biamp operation, and includes integral flytrack for enclosure suspension. The low-frequency port is also large enough to accommodate an entire tripod microphone stand leg as well as excess cabling, for an extremely clean on-stage appearance.

Operating Range (-10 dB, Hz) 64 - 20k Calculated Maximum Output Peak (dB SPL) LF: 129 HF: 134 Full-range: 128 Nominal Coverage (degrees) Horizontal: 90 / Vertical: 90 Subsystems LF: 12-in cone, vented, coaxial with HF HF: 1.4-in exit compression driver, horn-loaded Powering Switchable: full-range or biamplified Versions Black Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 47 / 21.3 13x17x22 / 334x439x579	
LF: 129 HF: 134 Full-range: 128 Nominal Coverage (degrees) Horizontal: 90 / Vertical: 90 Subsystems LF: 12-in cone, vented, coaxial with HF HF: 1.4-in exit compression driver, horn-loaded Powering Switchable: full-range or biamplified Versions Black Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 47 / 21.3	
Horizontal: 90 / Vertical: 90 Subsystems LF: 12-in cone, vented, coaxial with HF HF: 1.4-in exit compression driver, horn-loaded Powering Switchable: full-range or biamplified Versions Black Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 47 / 21.3	LF: 129 HF: 134
LF: 12-in cone, vented, coaxial with HF HF: 1.4-in exit compression driver, horn-loaded Powering Switchable: full-range or biamplified Versions Black Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 47 / 21.3	5 . 5 .
Switchable: full-range or biamplified Versions Black Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 47 / 21.3	LF: 12-in cone, vented, coaxial with HF
Black Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 47 / 21.3	5
47 / 21.3	
	47 / 21.3

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The MW10 offers features in common with the MW8, combined with performance approaching the MW12. Due to its compact size and parallel front and rear connections, the MW10 enjoys the advantage working equally well as a stage monitor or as a console bridge monitor. The low-frequency port is also large enough to excess cabling, for an extremely clean on-stage appearance. An optional pole mount is also available.

Operating Range (-10 dB, Hz) 65 - 20k Calculated Maximum Output Peak (dB SPL) Full-range: 128 Nominal Coverage (degrees) Horizontal: 90 / Vertical: 90 Subsystems LF: 10-in cone, vented, coaxial with HF HF: 1.4-in compression driver, horn-loaded Powering Full-range Versions Black Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 27 / 12.2



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The MW8 is the smallest model in the MicroWedge Series. Due to its compact size and parallel front and rear connections, the MW8 enjoys the advantage working equally well as a stage monitor or as a console bridge monitor. An optional pole mount is also available for the MW8.

Operating Range (-10 dB, Hz) 73 - 18k	
Calculated Maximum Output Peak (dB SPL) Full-range: 125	
Nominal Coverage (degrees) Horizontal: 90 / Vertical: 90	
Subsystems LF: 8-in cone, vented, coaxial with HF HF: 1-in compression driver, horn-loaded	
Powering Full-range	
Versions Black	
Approx. Weight (lb. / kg) & Dimensions (imperial / r 19.5 / 9 9.8x12x15.4 / 249x308x392	netric
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# Subwoofer EAW touring subwoofers harness pioneering technologies in acoustics, component design and signal processing to deliver extreme bandwidth, tonal consistency and storied impact. The complete range includes customized companion solutions for optimal pairing with specific full-range products as well as more universal and now ubiquitous solutions that have largely evolved from the legendary SB1000. From the compact SBX220 through the thunderous SB2001 – the complete family of subwoofers offers extraordinary performance for a comprehensive variety of live applications.

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The <u>SB2001</u> takes the "clam shell" driver arrangement of the SB1000z and SB1001/1002 to a new level, employing massive 21" cones for incredible output and superior extension in only a slightly larger enclosure. The SB2001 is the recommended companion subwoofer for all larger-format KF Series systems, and has also found a home in many club applications with other series as well. Hardware to create vertical arrays of up to 8 modules (at 10:1 design factor) is also available.

Operating Range (-10 dB, Hz) 20 - 190
Calculated Maximum Output Peak (dB SPL) Sub (whole space): 137
Subsystems Sub: 2x 21-in cone, vented
Versions Black
Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 200 / 91 22.6x33.5x45 / 575x851x1143

## SB1001 & SB1002

The <u>SB1001</u> and <u>SB1002</u> improve upon the SB1000z, utilizing the same "clam shell" driver arrangement to maximize cone area and minimize frontal area, while employing improved components for greater output and extension from a lighter-weight enclosure than the SB1000z. The SB1001 includes handles and threaded 3/8" mounting points, while the SB1002 adds EAW's RoadCoat<sup>™</sup> finish and rigging capable of supporting vertical arrays of up to 12 modules (at 10:1 design factor).

Operating Range (-10 dB, Hz) 28 - 160	
Calculated Maximum Output Peak (dB SPL) Sub (whole space): 135	
Subsystems Sub: 2x 18-in cone, vented	
Models SB1001, SB1002	
Versions Black	
Approx, Weight (lb. / kg) & Dimensions (imperial / metric)	

Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 155 / 70 21.3x30x42.2 / 543x758x1073



The legendary <u>SB1000z</u> is a high-output, largeformat subwoofer with proven performance in complementing EAW full-range loudspeakers. Employing its hallmark "clam shell" driver mounting, the SB1000z maximizes cone area and minimizes frontal area, providing punchy, high-SPL output. With both touring and installation versions, the SB1000z is suitable for nearly any application.

Operating Range (-10 dB, Hz) 28 - 156
Calculated Maximum Output Peak (dB SPL) Sub (whole space): 133
Subsystems Sub: 2x 18-in cone, vented
Versions
Black, Road (R) Black, Permanent (P)
Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 162 / 73.5 21x30x42 / 538x757x1072



The JFL118 is a lightweight, high-power flyable subwoofer that extends the low frequency response of the companion JFL213 full-range line array loudspeaker. JFL118 subwoofers may be ground stacked or flown as part of a JFL213 array via either the FB121 flybar or via integral M10 points. Also includes a pole cup.

Operating Range (-10 dB, Hz) 30 - 150 (whole space) Calculated Maximum Output Peak (dB SPL) Sub (whole space): 129 Subsystems Sub: 18-in cone, vented Versions Black Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 98 / 44.5 12.4x24.8x15.6 / 314x631x397

"When I walked up to the **KF740** rig and put some playback music on, the mix translated perfectly. Usually I have to struggle a little bit to get what I want but never did I get into any soft limits or compression or limiting with the KF740s. The rig was open and airy and had great detail to it. What impressed me the most was just how clear and detailed it was."

> Jason Decter, FOH Mixer for Blink182, Avril Lavigne, Weezer, and others











The <u>SB730</u> is designed as a companion to KF730 line arrays, but is suitable for any application requiring high-SPL low-frequency output from a small enclosure. The SB730 employs a "clam shell" arrangement borrowed from the SB1000z, while incorporating rigging to allow it to be flown at the top of KF730 arrays without supplemental hardware.

Operating Range (-10 dB, Hz) 33 - 155	
Calculated Maximum Output Peak (dB SPL) Sub (whole space): 133	
Subsystems	
Sub: 2x 12-in cone, vented	

Versions

#### Black

Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 111/50 19.5x28.5x27.2 / 495x724x692



The LA400z employs a bent horn design to produce extremely high output from a single 12" driver, making it an excellent companion to full-range LA Series loudspeakers.

Operating Range (-10 dB, Hz)	40 - 250
Calculated Maximum Output Peak (dB SPL)	Sub (whole space): 140
Subsystems	Sub: 12-in cone, bent bass horn
Versions	Black
Approx. Weight (Ib. / kg) & Dimensions (imperial / metric)	125 / 57 / 36x21x36 / 914x533x914



The SBX220 is a compact, high-powered subwoofer with an enclosure styled to complement any of EAW's portable loudspeakers. The SBX220 includes convenient handles and a pole mount, and provides excellent output and punch due to a "clam shell" driver arrangement borrowed from the SB1000.

Operating Range (-10 dB, Hz) 32 - 300
Calculated Maximum Output Peak (dB SPL) Sub (whole space): 135
Subsystems Sub: 2x 12-in cone, vented
Versions Black
Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 105 / 47.7 18x25.5x30 / 457x648x762



The extraordinary NTS250 powered subwoofer Integrates with the NTL720 to provide additional low-frequency output and extension, but can also be used to complement any EAW full-range system owing to on-board amplification & processing, with control via EAWPilot. Multiple NTS250s can also readily generate a cardioid or hypercardioid pattern with the push of a button.

Operating Range (-10 dB, Hz) 35 - 130 Calculated Maximum Output Peak (dB SPL) Sub (whole space): 135 Subsystems Sub: 2x 15-in cone, vented, push-pull Versions Black, 115V or 230V Approx. Weight (lb. / kg) & Dimensions (imperial / metric)



The LA118z subwoofer is engineered to complement the LA Series full-range systems. Recessed cups on the top accept the footpads of an LA325 or another LA118z.

Operating Range (-10 dB, Hz) 25 - 200
Calculated Maximum Output Peak (dB SPL) Sub (whole space): 130
Subsystems Sub: 18-in cone, vented
Versions Black
Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 96 / 43.7 22.5x23.6x29.6 / 572x600x753

# I A1287

21x25.2x31 / 533x641x790

127 / 57.6

The LA128z subwoofer is engineered to complement the LA Series full-range systems. Recessed cups on the top accept the footpads of an LA325 or another LA128z.

Operating Range (-10 dB, Hz)	25 - 200
Calculated Maximum Output Peak (dB SPL)	Sub (whole space): 135
Subsystems	Sub: 2x 18-in cone, vented
Versions	Black
Approx. Weight (lb. / kg) & Dimensions (imperial / metric)	176 / 80 / 45x23.6x29.6 / 1143x600x753









Point Source EAW offers a comprehensive range of point source products that have been optimized for the installation market in partnership with leading consultants and system integrators. Ranging from small fill speakers to high output mains, these products utilize core EAW technologies such as Symmetry of Sources, Phase Aligned LF devices, Beamwidth Matched Crossovers and EAW Focusing to deliver an unparalleled combination of broad band pattern control, extended bandwidth, output capability, clarity and sound quality. From background music and small worship spaces through Wembley and the Vatican – there is an optimal solution for literally any application.

#### QX500 Series

The QX500 Series delivers high output, broadband pattern control and exceptional fidelity in a compact, three-way form factor. Its extraordinary output level makes it appropriate for long throws in arenas and stadiums, or for large, high-energy applications like live music venues or clubs, while its excellent pattern control allows the QX500 Series to tame hostile acoustical environments. Operating Range (-10 dB, Hz)

55 - 20k Calculated Maximum Output Peak (dB SPL) LF: 142 Passive MF/HF: 139 to 141 Subsystems LF: 4x 12-in cone, tuned spacing MF: 2-in exit compression driver, horn-loaded, coaxial with HF HF: 2-in exit compression driver, horn-loaded Powering Bi-amplified (passive MF/HF) Models & Coverage (deg, H x V) QX544i (45 x 45) QX564i (60 x 45) **QX566i** (60 x 60) <u>QX594i</u> (90 x 45) <u>QX596i</u> (90 x 60) Versions Black or White Black, Weather-protected (WP) Approx. Weight (lb. / kg) & Dimensions (imperial / metric)

134/61 28x28x23.8 / 710x710x605



## QX300 Series

The QX300 Series delivers great output and renowned broadband pattern control similar to the QX500 Series three-way loudspeaker, but in a more compact two-way format. Its high output level capability makes it appropriate for medium throws in arenas and stadiums, or as mains in live music venues or clubs.

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Operating Range (-10 dB, Hz) 66 - 20k	
Calculated Maximum Output Peak (dB SPL) LF/HF: 135 to 139 LF: 141 HF: 135 to 139	
Subsystems LF: 4× 10-in cone Phase-Aligned™ HF: 1× 1.4-in exit, 4-in voice coil compression driver Hor loaded	rn
Powering Single-amp: LF/HF Bi-amp: LF, HF	
Models & Coverage (deg, H x V) <u>QX326</u> (120 x 60) <u>QX364</u> (60 x 45) <u>QX366</u> (60 x 60) <u>QX394</u> (90 x 45) <u>QX396</u> (90 x 60) <u>QX399</u> (90 x 90)	
Versions Black or White	

Approx. Weight (lb. / kg) & Dimensions (imperial / metric)

Black, Weather-protected (WP)

23.7x23.7x20602x602x505

94/43



The QX118 is a dedicated subwoofer system in a symmetrical, compound trapezoidal enclosure designed to array with QX Series full-range systems.

Operating Range (-10 dB, Hz) 30 - 150
Calculated Maximum Output Peak (dB SPL) Sub (whole space): 129
Subsystems Sub: 18-in cone, vented
Versions Black or White Black, Weather-protected (WP)
Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 134 / 61 28x28x23.8 / 710x710x605

"There is not another box out there right now that provides the pattern control, dynamics, and fidelity that the **QX Series** does without having to get an entire array of loudspeakers."

Tom Brockenbrough, Jr. Principal, Summit Communications Systems









#### MK5300 Series

The MK5300 Series of 15" 2-way, high-output trapezoidal loudspeakers are designed as main PA elements for smaller venues, or as a distributed or fill system for larger venues. Switchable powering modes, a multitude of rotatable horn patterns, as well as black, white and & WP finish options provide enormous installation flexibility.

Operating Range (-10 dB, Hz) 48 - 20k Calculated Maximum Output Peak (dB SPL) LF: 133 HF: 132 to 134 Full-range: 132 to 133 Subsystems LF: 15-in cone, vented HF: 1.4-in exit compression driver, horn-loaded Powerina Switchable: bi-amplified or passive Models & Coverage (deg, H x V) MK5326i (120 x 60) MK5364i (60 x 45) MK5366i (60 x 60) MK5394i (90 x 45) MK5396i (90 x 60) MK5399i (90 x 90) Versions Black or White Black, Weather-Protected (WP)

Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 87 / 39.5 30x18.7x19.7 / 762x475x501



#### MK2300 Series

The MK2300 Series of 12" 2-way, high-output trapezoidal loudspeakers are designed as main PA elements for smaller venues, or as a distributed or fill system for larger venues. Switchable powering modes, a multitude of rotatable horn patterns, as well as black, white and & WP finish options provide enormous installation flexibility.

Operating Range (-10 dB, Hz) 65 - 20k Calculated Maximum Output Peak (dB SPL) LF: 131 HF: 128 to 135 Full-range: 128 to 129 Subsystems LF: 12-in cone, vented HF: 1.4-in exit compression driver, horn-loaded Powering Switchable: bi-amplified or passive Models & Coverage (deg, H x V) MK2326i (120 x 60) MK2364i (60 x 45) MK2366i (60 x 60) MK2394i (90 x 45) MK2396i (90 x 60) MK2399i (90 x 90) Versions Black or White Black, Weather-Protected (WP) Approx. Weight (lb. / kg) & Dimensions (imperial / metric)

60 / 27.2 30x15.5x14.75 / 762x394x374





The MK8100 Series of 8" 2-way, high-output trapezoidal loudspeakers are designed as an ideal complement to MK5300i or MK2300i as a distributed or fill system for larger venues. The MK8100 series offers black/white and WP options, as well as multi-tap transformer inputs as standard options.

Operating Range (-10 dB, Hz) 60 - 18k
Calculated Maximum Output Peak (dB SPL) Full-range: 126
Subsystems LF: 8-in cone, vented HF: 1-in exit compression driver, horn-loaded
Powering Full-range
Models & Coverage (deg, H x V) <u>MK8126i</u> (120 x 60) <u>MK8196i</u> (90 x 60)
Versions Black or White Black or White, 128W Multi-tap Transformer (MT 128W) Black, Weather-protected (PL-WP) Black, Weather-protected + Transformer (MTPL-WP)
Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 31 / 14.1 19.75x11.75x11 / 502x299x280



The VFR Series is comprised of two-way full-range loudspeakers, incorporating a direct-radiating woofer and large, square, user-rotatable 90x60 horn aligned with Beamwidth-Matched<sup>™</sup> crossovers for excellent full-range performance. In black, VFR Series loudspeakers include JF-style handles (which can be concealed with optional cover plates), a pole cup and threaded rigging points. In white, VFR Series loudspeakers omit handles and the pole cup, leaving the enclosure sides completely smooth. Both black and white versions include both NL4 and terminal strip inputs, and the option to add a multi-tap transformer.

Operating Range (-10 dB, Hz) 54 - 20k (varies per model)

Calculated Maximum Output Peak (dB SPL) Full-range Passive: 119 to 132

Nominal Coverage (degrees) Horizontal: 90 / Vertical: 60

Powering: Full-range

Models & Subsystems

<u>VFR159i</u> (15" woofer), <u>VFR129i</u> (12" woofer) <u>VFR109i</u> (10" woofer), <u>VFR89i</u> (8" woofer) <u>VFR69i</u> (6" woofer)

Versions: Black or White

Approx. Weight (lb. / kg) & Dimensions (imperial / metric) VFR159i: 60 / 27 / 28x20x18 / 720x511x464 VFR129i: 54 / 24.5 / 25.7x16x16.4 / 659x412x417 VFR109i: 37 / 17 / 20x12.8x13 / 506x325x332 VFR89i: 22 / 10 / 16x10x10 / 410x257x249 VFR69i: 15 / 6.8 / 14.8x8.8x8.4 / 375x225x214













The <u>UB52</u>i is engineered to provide full-range coverage from an extremely low profile. It is ideal for mounting within a stage lip, apron or under-balcony location, or even within stair steps due to its diminutive 6.28-inch height.

Dperating Range (-10 dB, Hz) 50 - 18k
Calculated Maximum Output Peak (dB SPL) Full-range: 119
Vominal Coverage (degrees) Horizontal: 90 / Vertical: 60
subsystems .F: 2x 5.25-in cone, vented IF: 1-in exit compression driver, horn-loaded
Powering Full-range
/ersions Slack or White Weather-protected (PL-WP)
Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 19 / 8.6 5x20x8 / 158x503x206



The UB22z is engineered for extra-wide-angle horizontal coverage from a wall-mounted position. This ultra-compact loudspeaker provides surprisingly high output and exceptional fidelity for near-field applications such as fill or delay in larger systems, or as standalone foreground/background music reproduction. Operating Range (-10 dB, Hz) 85 - 20k Calculated Maximum Output Peak (dB SPL) Full-range: 120 Nominal Coverage (degrees) Horizontal: 120 / Vertical: 50 Subsystems LF: 2x 5.25-in cone, sealed HF: 1-in exit compression driver, horn-loaded



Despite its compact size, the <u>UB12Si</u> will faithfully deliver high-output, high-definition sound for a wide variety of professional applications, including front fill and distributed delay rings. Because the UB12Si is also magnetically shielded, it is ideal for use next to video displays as well.

Operating Range (-10 dB, Hz) 60 - 20k
Calculated Maximum Output Peak (dB SPL) Full-range: 117
Nominal Coverage (degrees) Horizontal: 120 / Vertical: 120
Subsystems LF: 5.25-in cone, vented HF: 1-in soft dome tweeter
Powering Full-range
Versions Black or White Black or White, Weather-protected + Transformer (MTPL-WP)
Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 9 / 4.2 10.7x6.3x6 / 273x162x152

"The **MK loudspeakers** have always been a quality product and work well in conjunction with the column arrays in this application. EAW products are known for their "voicing" or the characteristic to sound similar when used together in a given application. This is a great example of that working exceptionally well."

> John Fuqua VP, All Pro Sound

## Monitor



#### VFM Series

11.7x11.7x8 / 298x297x203

Black, Weather-protected (PL-WP)

Black, Weather-protected + Transformer (MTPL-WP) Approx. Weight (Ib. / kg) & Dimensions (imperial / metric)

VFM109i: 32 / 14.5 / 15x12.5x18 / 378x317.5x45

Powering Full-range Versions Black or White

16/7.3

The VFM Series is comprised of two-way stage monitors incorporating a direct-radiating woofer and a large, square 90x60 horn aligned with Beamwidth-Matched<sup>™</sup> crossovers for excellent full-range performance. VFM monitors include dual NL4 connectors (one on each side of the enclosure) as well as a pole cup for use as mains. When paired with a UX Series processor or Greybox-capable amplifier, the VFM Series can also enjoy the benefits of EAW Focusing<sup>™</sup>

Operating Range (-10 dB, Hz)	63 - 20k (varies per model)
Calculated Maximum Output Peak (dB SPL)	Full-range Passive: 127 to 132
Nominal Coverage (degrees)	Horizontal: 90 / Vertical: 60
Powering	Full-range
Models & Subsystems	<u>VFM109i</u> (10" woofer) <u>VFM129i</u> (12" woofer) <u>VFM159i</u> (15" woofer)
Versions	Black or White
Approx. Weight (lb. / kg) & Dimensions (imperial / metric) VFM159i: 49 / 22 / 19x17.5x23.4 / 489x445x596 VFM129i: 40 / 18 / 17x15x21 / 439x375x542	₹ <b>?</b>

#### "The impact has been HUGE! Our fans have been very positive with the upgrade – and so have our sponsors."

Brian Seeliger, Westminster Chapel, TitanVision Special Events Producer on **QX Series** 



designer and the genius of the EAW engineering team. The synthesis of their collective skills has created the most remarkable loudspeaker technology ever applied to the dance club world. Everything about Avalon by EAW breaks new ground. The result is a comprehensive product line that specifically maximizes output, clarity and impact for the dance club market. And all of this power is presented in a striking and beautiful package, expressing the symmetry that unifies the design.

# CLUB.two

The current flagship, the <u>CLUB.two</u> offers superior output and control in an enclosure that can only be Avalon by EAW<sup>™</sup>. A highly directional acoustical design creates crushing sound levels on the dance floor while minimizing spill onto walls and ceilings. The CLUB.two is ideal as mains for the largest clubs.

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Operating Range (-10 dB, Hz) 40 - 20k	
Calculated Maximum Output Peak (dB SPL) LF: 141 Passive MF/HF: 137	
Nominal Coverage (degrees) Horizontal: 90 / Vertical: 60	
Subsystems LF: 4x 12-in cone, sealed MF: 1.4-in exit compression driver HF: 1.4-in exit compression driver	
Powering Bi-amplified (passive MF/HF)	
Approx. Weight (lb. / kg) & Dimensions (imp 206 / 94 29x29x31.4 / 737x737x747	erial / metric)



CLUB.three is equally at home as mains for medium-sized spaces or as world-class DJ monitors. Combining a coaxial MF/HF design with a vented woofer directly behind it for optimal alignment, the CLUB.three enclosure belies its extraordinary output capabilities.

Operating Range (-10 dB, Hz) 40 - 20k
Calculated Maximum Output Peak (dB SPL) LF: 133 Passive MF/HF: 134
Nominal Coverage (degrees) Horizontal: 90 / Vertical: 90
Subsystems LF: 15-in cone, vented MF: 1.4-in exit compression driver HF: 1.4-in exit compression driver
Powering Bi-amplified (passive MF/HF)
Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 100 / 45 17x17x23.6 / 432x432x600

"Clear, precise, and hitting the right frequencies – that is what I look for in a system and exactly what I like about **Avalon by EAW**. Given the choice, I prefer performing at clubs with Avalon systems, no doubt about it."

Erick Morillo

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The <u>CLUB.four</u> is perfect as a high-powered fill, extending the signature sound of Avalon by EAW™ into all areas of the club while maintaining a compact footprint. Available with matching U-bracket.

Operating Range (-10 dB, Hz) 60 - 20k
Calculated Maximum Output Peak (dB SPL) LF: 127 HF: 134 Full-range: 128
Nominal Coverage (degrees) Horizontal: 90 / Vertical: 90
Subsystems LF: 12-in cone, vented HF: 1.4-in exit compression driver
Powering Switchable: bi-amplified (passive MF/HF) or full-range
Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 47 / 21.3 14.2x14.2x14.2 / 362x362x362





The <u>CLUB.five</u> generates awesome SPL from an enclosure under 1 cubic foot (.03 cubic meters) in volume, extending the dance floor experience to areas where no other highpower loudspeakers will fit. Available with matching U-bracket.

Operating Range (-10 dB, 95 - 20k	Hz)
Calculated Maximum Out Full-range: 126	put Peak (dB SPL)
Nominal Coverage (degre Horizontal: 90 / Vertical: 9	
Subsystems LF: 8-in cone, sealed HF: 1-in exit compression	driver
Powering Full-range	
Approx. Weight (lb. / kg) 21 / 9.5 10.7x10.7x10.7 / 273x27	& Dimensions (imperial / metric) 3x273

The <u>SUB.two</u> is truly the world's first hybrid subwoofer, delivering both the extreme extension and the massive physical impact required for the most demanding dance applications from a single enclosure.

Operating Range (-10 dB, Hz)	20 - 250
Calculated Maximum Output Peak (dB SPL)	VLF 1 (whole space): 137 / VLF 2 (whole space): 131
Subsystems	VLF 1: 2x 12-in cone, bent bass horn / VLF 2: 21-in cone, vented
Powering	Bi-amplified
Approx. Weight (lb. / kg) & Dimensions (imperial / metric)	286 / 129 / 29x36x36 / 737x914x914









Column Array Column speakers were originally developed to simply reinforce speech and look nice on a column. EAW column arrays were developed to offer full range output and to actually solve the acoustical problems found in challenging environments. The LS Series utilizes multiple device types and a sophisticated internal filter network to ensure consistent coverage over the entire operating bandwidth while minimizing visual impact and user setup.

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The LS Series brings the classic column loudspeaker up-to-date. Sophisticated frequency shading integrates the woofers and soft dome tweeters, maximizing the benefits of line source coupling while eliminating grating lobes.

Operating Range (-10 dB, Hz) 100 - 20k (varies per model)

LS Series

Calculated Maximum Output Peak (dB SPL) Full-range: 121 to 126

Nominal Coverage (degrees) Horizontal140 / Vertical: 20

Subsystems LF: 4x to 8x 4-in cone, sealed HF: 3x 1-in soft dome tweeter

Models <u>LS432i</u> <u>LS832i</u>

LS432i-P85 LS432i-P103

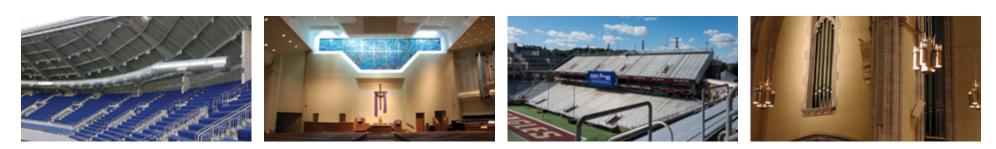
Versions Black or White Black or White, Weather-protected + Transformer (MTPL-WP)

Approx. Weight (lb. / kg) & Dimensions (imperial / metric) LS832i: 30 / 13.7 / 44x6.25x6 / 1120x159x152 LS432i: 20 / 9 / 26x6.25x6 / 660x159x152 "From mix position to any position, it's hard to process how good it is and how easily we achieved it. **Anya** has the purest impulse response I've ever gotten off a PA system. The acoustic phase response is just breathtaking."

> Robert Scovill FOH Engineer, Tom Petty & The Heartbreakers

"We were simply amazed by the difference [**QX Series loudspeakers**] made to our room! Detail is similar to my studio monitors."

John Doryk, FOH Engineer, Village Seven Presbyterian Church, Colorado Springs, CO



Subwoofer In addition to the extensive range of touring subwoofers that offer installation features, EAW offers an additional catalog of subwoofers that have been exclusively tailored to exceed the exacting requirements of the installation market. The complete range includes single and double component systems that cover applications from small to large as well as companion solutions designed to optimally array acoustically, mechanically and visually with products from our MK and VFR product series.

#### PERMANENT INSTALLATION



The <u>SB528zP</u> is comprised of dual 18-in sub bass cones in a vented, direct-radiating configuration.

Operating Range (-10 dB, Hz)
27 - 147
Calculated Maximum Output Peak (dB SPL)

Sub (whole space): 135

Subsystems

LF: 2x 18-in cone, vented

Versions

Black or White Black, Weather-protected (WP)

Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 215 / 97.5 30.2x50.6x24.5 / 766x1287x624



The <u>SB1502P</u> is comprised of single 15-in sub bass cones in a vented, direct-radiating configuration.

Operating Range (-10 dB, Hz) 34 - 145
Calculated Maximum Output Peak (dB SPL) Sub (whole space): 127

Subsystems Sub: 15-in cone, vented

Versions

Black or White

Black, Weather-protected (WP)

Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 72 / 32.6 24.6x19.7x19 / 625.5x500x482



The <u>SB250zP</u> is comprised of dual 15-in sub bass cones in a vented, direct-radiating configuration. Operating Range (-10 dB, Hz) 36 - 150 Calculated Maximum Output Peak (dB SPL) Sub (whole space): 133 Subsystems Sub: 2x 15-in cone, vented Versions

Black or White Black, Weather-protected (WP)

Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 112 / 50.8 29.7x24.7x19.6 / 755x623x498



# SB120 The <u>SB120zP</u> is comprised of single 12-in sub bass cones in a vented, direct-radiating

configuration.

Operating Range (-10 dB, Hz) 44 - 152

Calculated Maximum Output Peak (dB SPL) Sub (whole space): 125

Subsystems

Sub: 12-in cone, vented

Versions

Black or White Black, Weather-protected (WP)

Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 47 / 21.3

22.5x14.75x11.75 / 572x375x299



The <u>SB180zP</u> is comprised of single 18-in sub bass cones in a vented, direct-radiating configuration.

Operating Range (-10 dB, Hz) 29 - 150	
Calculated Maximum Output Peak (dB SPL) Sub (whole space): 128	
Subsystems Sub: 18-in cone, vented	
Versions Black or White Black, Weather-protected (WP)	
Approx. Weight (lb. / kg) & Dimensions (imperial / metric, 94 / 42.6	)

30x25x19.6 / 766x635x498



#### SBK Series

The SBK Series is comprised of dedicated subwoofer systems, designed to match critical dimensions of the MK2300 and MK5300 Series for optimal arrayability. The SBK Series is also equally capable when utilized as a standalone subwoofer in any installed system.

Operating Range (-10 dB, Hz) 28 - 160 (varies per model)	
Calculated Maximum Output Peak (dB SPL) Sub (whole space): 130 to 136	
Models & Subsystems <u>SBK150</u> (1x15") <u>SBK180</u> (1x18") <u>SBK250</u> (2x15")	
Versions Black or White	
Approx. Weight (lb. / kg) & Dimensions (imperial / m SBK150: 69 / 31.3 / 30x18.7x14 / 762x475x359	etric

SBK150: 69 / 31.3 / 30x18.7x14 / 762x475x359 SBK180: 88 / 39.9 / 30x25x19 / 762x635x483 SBK250: 110 / 49.9 / 30x25x19 / 762x635x483



The VFS Series consists of companion subwoofers for the VFRiSeries, offering the same range of options for portable and permanent usage while providing substantial low-frequency output and extension. Optional rigging hardware is also available for preconfigured arrays of VFR and VFS loudspeakers.

Operating Range (-10 dB, Hz) 30 - 160 (varies per model)

Calculated Maximum Output Peak (dB SPL) Sub (whole space): 132 to 134

Models & Subsystems <u>VFS250i</u> (2x15") <u>VFS220i</u> (2x12")

Versions Black or White

Approx. Weight (lb. / kg) & Dimensions (imperial / metric) VFS250i: TBD VFS220i: TBD



The <u>SB48zP</u> offers dual 8-in sub bass cones in an extremely compact vented enclosure. WP not available.

Operating Range 31 - 141	e (-10 dB, Hz)
Calculated Maxii Sub (whole spac	mum Output Peak (dB SPL) :e): 120
Subsystems Sub: 2x 8-in con	e, vented
Versions Black or White	
Approx. Weight 52 / 23.6 12.5x22.4x19.7	(lb. / kg) & Dimensions (imperial / metric) / 317x569x502

Ceiling & Surface Mount EAW offers a variety of traditional ceiling and surface mount loudspeakers that combine premium components and sophisticated crossover design into elegant and easy-to-install systems. The range additionally includes products that harness the power of EAW core technologies to deliver more output and astounding pattern control in a compact, installation friendly package. All ceiling and surface mount products include or offer as accessories all components, such as mounting systems and transformers, that are necessary to install and control these systems.



The CIS Series is comprised of compact twoway flush-mount loudspeakers designed for fixed installation into typical ceiling plenum spaces. Using a HF waveguide originally developed for studio monitors and an optimized woofer, the CIS Series delivers superior dispersion and pattern control.

Operating Range (-10 dB, Hz)	
70 - 22k (varies per model)	

Calculated Maximum Output Peak (dB SPL) Full-range: 108 to 113

Subsystems

LF: 4 to 6.5-in cone, sealed HF: 1-in dome tweeter

Models & Coverage (deg, H x V) <u>CIS300</u> (140 x 124) <u>CIS400</u> (110 x 110)

Versions

White

Approx. Weight (lb. / kg) & Dimensions (imperial / metric) ClS300: 6.2 / 2.8 / 8.7x5.7 / 144x221 ClS400: 7.9 / 3.6 / 6.6x11.8 / 168x300



The SMS1000, SMS2000 and SMS4000 Series advance the state of the art for small loudspeaker technology, providing superior quality sound, excellent directivity control, and practical installation options in a variety of sizes and scales.

Operating Range (-10 dB, Hz) Full-range: 82 - 20k (varies per model)	
Calculated Maximum Output Peak (dB SPL) Full-range: 111 to 122	
Subsystems LF: 2x 3-in to 4x 4-in cones HF: 1x 1-in to 3x 2-in dome tweeters, horn-loaded	
Models & Coverage (deg, H x V) <u>SMS1990</u> (90 x 90) <u>SMS2124</u> (120 x 40) <u>SMS2990</u> (90 x 90) <u>SMS4124</u> (120 x 40) <u>SMS4920</u> (90 x 40) <u>SMS4990</u> (90 x 90)	
Versions Black or White	
Approx Weight (lb. / kg) & Dimensions (imperial / ma	tı

Approx. Weight (lb. / kg) & Dimensions (imperial / metric) SMS1990: 3.2 / 1.5 / 9.2x5.5x6.4 / 234x140x162 SMS2124: 6.2 / 2.8 / 12x7.6x8.2 / 304x193.5x210 SMS2990: 8.0 / 3.6 / 12x7.6x8.2 / 304x193.5x210 SMS4124: 17.6 / 8 / 16.8x10x11.4 / 427x253x291 SMS4940: 18.4 / 8.3 / 16.8x10x11.5 / 427x254x294 SMS4990: 19.0 / 8.6 / 16.8x10x11.5 / 427x254x294

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The SMS3, 4 and 5 are two-way constant directivity compact loudspeakers in easilyinstalled enclosures. The result of careful acoustic design and the use of advanced materials, they provide exceptional music fidelity and speech intelligibility, combined with scalable output levels.

Operating Range (-10 dB, Hz)
Full-range: 55 - 25k (varies per model)
Calculated Maximum Output Peak (dB SPL)
Full-range: 111 to 116
Nominal Coverage (degrees)
Horizontal: 110 / Vertical: 110
Subsystems
LF: 5-in cone
HF: 0.75-in dome tweeter, horn-loaded
Models
<u>SMS3</u>
<u>SMS4</u>
<u>SMS5</u>
Versions
Black or White
Approx. Weight (lb. / kg) & Dimensions (imperial / metric
SMS3: 5 / 2.2 / 8.5x6x5.3 / 216x154x136
SMS4: 8 / 3.6 / 10.6x7.3x6.7 / 270x187x172
SMS5: 8.6 / 4 / 10.6x7.3x6.7 / 270x187x172

 "EAW's QX loudspeakers are able to achieve constant directivity all the way from 80Hz to 20,000Hz.
For throw and sound quality I have not heard a loudspeaker like it.
Because it is a coaxial loudspeaker, your high and mid is on the same plane and now I have bass on the same plane also. It sounds amazing."

> Ronald Goh Managing Director, Electronics & Engineering Pte Ltd.

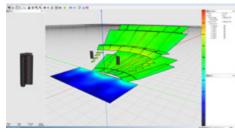








Software & Electronics Since the development of the KF900 Series in 1997, EAW has continuously led the industry in the development of software tools that model acoustics and enable the advancement of our core engineering approach of integrating multi-component systems into unified entities. These software tools are no longer just development engines. They have become the primary interface that defines the user experience of configuring, controlling and monitoring system performance. EAW has also developed proprietary algorithms that integrate processing and acoustics in revolutionary ways to deliver optimum system performance when used with the UX processing platform.



#### Resolution™

EAW Resolution is a powerful and easy-to-use simulation and control software that accurately predicts the performance of EAW loudspeakers within a 3D venue. Driven by EAW's proprietary FChart acoustics modeling software, Resolution

allows precise three-dimensional positioning of loudspeakers and audience areas and plots the resultant SPL and frequency response. When using arrayed systems, Resolution will generate recommended aiming angles based on user-provided coverage targets. Resolution is also a key part of Adaptive Processing<sup>™</sup>, calculating all necessary processing and communicating with Adaptive<sup>™</sup> Systems.

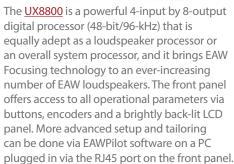


#### FAWPilot<sup>™</sup>

EAWPilot delivers Greybox<sup>™</sup> settings and provides user control of UX Series and NT Family products. Greyboxes provide quick, easy means of implementing the complex processing required for Focusing<sup>™</sup>, requiring only minimal userprovided data and performing complex functions such as gain optimization, passband alignment,

and limiter calculation. Via EAWPilot, users can define system equalization, processing modes and networking parameters, as well as monitor signal levels and component status (i.e. amplifiers on NT Family products).





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Configuration 4-in/8-out	
Inputs 4x XLR female (elec. balanced) analog or AES/EBU	
Outputs 8x XLR male (elec. balanced)	
Control Ethernet (front panel), U-net (rear panel)	
Approx. Weight (lb. / kg) & Dimensions (imperial / me 10 / 4.5	tric)









The UX3600 is a powerful 3-input by 6-output digital processor (24-bit/48-kHz) that is equally adept as a loudspeaker processor or an overall system processor, and it brings EAW Focusing technology to an ever-increasing number of EAW loudspeakers. The front panel offers access to all operational parameters via buttons, and a brightly back-lit LCD panel. More advanced setup and tailoring can be done via EAW Pilot software on a PC plugged in via the USB port on the front panel.

Configuration 3-in/6-out	1
Inputs 3x XLR femal	e (elec. balanced) analog only
Outputs 6x XLR male	elec. balanced)
Control USB	
10 / 4.5	ht (lb. / kg) & Dimensions (imperial / metric) 3.3 / 44x440x338

EAW Powercube is a dedicated amplifier rack designed to power a range of EAW touring loudspeaker systems. Each Powercube includes electrical power distribution, 8 channels of amplifier power via 4 user-supplied amplifiers, and 1 UX8800 digital signal processor. Powercubes are optimized for use with KF740 line array and SB2001 subwoofer systems, but can also readily control KF760, KF730 and KF720 systems as well. Combined with Red and Grey Certification™ training, Powercubes ensure consistency of performance across EAW rental providers.

Approx. Weight (lb. / kg) & Dimensions (imperial / metric) 217/98.4 29.25x30x23.3 / 743x762x594

EAW exists to develop innovative products and technologies that give natural voice to artists and evangelists, enabling an experience of profound connection with every observer in any setting.



Eastern Acoustic Works One Main Street | Whitinsville, MA 01588 | USA tel 800 992 5013 / +1 508 234 6158 www.eaw.com

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