



WYCO



CLUB.two

Quad 12-in woofers; high-output mid/high compression driver



CLUB.three

15-in woofer; high-output mid/high compression driver



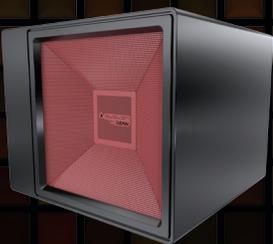
CLUB.four

12-in woofer with coaxial high frequency compression driver



CLUB.five

8-in woofer with coaxial high frequency compression driver



SUB.two

Dual 12-in sub bass cones, horn-loaded; 21-in direct radiating sub bass cone, vented



Avalon by EAW™ The Next Generation of Genius

Avalon by EAW™ represents a radical departure from any dance club loudspeaker ever created, including our own original Avalon Series. Everything about Avalon by EAW breaks new ground. The components include the most advanced and powerful transducer technologies we have ever used. The system design turns the loudspeaker inside-out, mounting the horn outside the grille. And the grille - concave and sculpted in clean, straight lines - expresses the symmetry that unifies the design. Simple, elegant, modern design. Automotive-class finishes. And sound that becomes a physical force.

History

Legendary dance club owner and designer John Lyons is obsessed with quality in all things. For years, he had searched the world to find loudspeaker systems that delivered the power and clarity he sought.

Nothing he found satisfied him.

A loudspeaker design and manufacturing company called Eastern Acoustic Works is equally obsessed with quality. In 1997, Lyons approached EAW with an idea – to co-develop a line of loudspeaker systems specifically optimized for dance clubs.

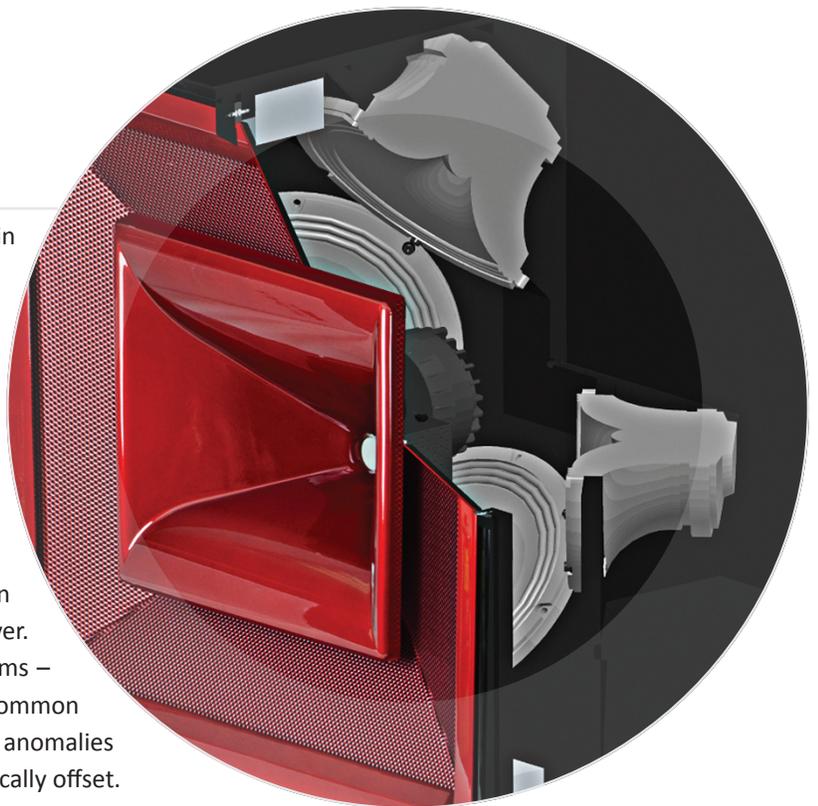
The original Avalon line that resulted quickly swept through the dance club scene, becoming the universally recognized standard for excellence. Lyons' current flagship club – Avalon Hollywood – features an original Avalon system regarded by the world's elite DJs as impeccable.

In 2011, Lyons and EAW decided to redesign the Avalon line with no preconceptions. The all-new Avalon by EAW sets a new benchmark for club sound, and like its predecessor, it defines the state-of-the-art in the global dance club community.

CLUB.two

The Technology Behind CLUB.two

- Four high-output 12-in cone transducers arranged in symmetrical pairs use precise spacing to leverage beneficial interference effects that increase output on axis while creating off-axis rejection. This puts more bass energy on the dance floor and less on the walls and ceiling.
- Super-responsive mid/high compression driver delivers 137 dB peak output using just 150 Watts of amplifier power.
- Three-way design delivers more power and less distortion by limiting the frequency range covered by each driver. CLUB.two – and all Avalon by EAW main channel systems – feature a uniaxial design in which all drivers share a common axis, ensuring coherent summation without response anomalies common in systems where frequency sections are physically offset.



SUB.two

Introducing SUB.two – The World's First Hybrid Subwoofer

- Traditional direct radiating subwoofers deliver the lowest audible frequencies, but don't deliver the chest-pounding impact so prized in the dance club world
- Bass horns deliver amazing concussive force, but can't reach the lowest frequencies
- SUB.two combines these technologies into a single system that delivers both the lowest frequencies and massive physical impact
- EAW engineers continue to explore this new technology platform, developing multiple tunings for different musical subgenres and personal preferences

Color Options for Avalon by EAW

Grille and Logo Options

- Siren red
- Medallion gold
- Starlight sparkle silver
- Machine grey

Horn and Trim Ring Options

- Piano (standard black or Piano enclosure)
- Polar (standard white or Polar enclosure)
- Matched to Grille/Logo color



Enclosure – Standard Options

- Textured flat black
- Textured flat white

Enclosure – Premium Finish Options

- Piano (glossy black)
- Polar (glossy white with a subtle metallic quality)

CLUB.two

Operating Range (Hz)	
-10 dB	40 – 20k
Axial Sensitivity (dB SPL, 1W @ 1m)	
LF	102
MF/HF	109
Power Handling / Impedance (Watts @ Ohms)	
LF	2000 @ 2 or 2x 1000 @ 4
MF/HF	150 @ 8
Maximum Output (dB SPL @ 1m, peak/long term)	
LF	141/135
MF/HF	137/131
Coverage	
Nominal	90 x 60
Subsystems	
LF	4x 12-in cone, sealed
MF	1.4-in exit compression driver
HF	1.4-in exit compression driver
Powering	
System	Bi-amplified
Dimensions	
Inches	29.00 x 29.00 x 31.40
Millimeters	737 x 737 x 747
Weight	206lbs/94.0kg



CLUB.three

Operating Range (Hz)	
-10 dB	40 – 20k
Axial Sensitivity (dB SPL, 1W @ 1m)	
LF	95
MF/HF	107
Power Handling / Impedance (Watts @ Ohms)	
LF	1700 @ 8
MF/HF	150 @ 8
Maximum Output (dB SPL @ 1m, peak/long term)	
LF	133/127
MF/HF	134/128
Coverage	
Nominal	90 x 90
Subsystems	
LF	15-in cone, vented
MF	1.4-in exit compression driver
HF	1.4-in exit compression driver
Powering	
System	Bi-amplified
Dimensions	
Inches	17.00 x 17.00 x 23.60
Millimeters	432 x 432 x 600
Weight	100lbs/45.0kg



CLUB.four

Operating Range (Hz)	
-10 dB	60- 20k
Axial Sensitivity (dB SPL, 1W @ 1m)	
Full Range	94
LF	94
HF	106
Power Handling / Impedance (Watts @ Ohms)	
Full Range	600 @ 8
LF	600 @ 8
HF	150 @ 8
Maximum Output (dB SPL @ 1m, peak/long term)	
Full Range	128/122
LF	127/121
HF	134/128
Coverage	
Nominal	90 x 90
Subsystems	
LF	12-in cone
HF	1.4-in exit compression driver
Powering	
Switchable	Passive/Bi-amp
Dimensions	
Inches	14.25 x 14.25 x 14.25
Millimeters	362 x 362 x 362
Weight	47lbs/21.3kg



CLUB.five

Operating Range (Hz)	
-10 dB	95 – 20k
Axial Sensitivity (dB SPL, 1W @ 1m)	
Full Range	95
Power Handling / Impedance (Watts @ Ohms)	
Full Range	350 @ 8
Maximum Output (dB SPL @ 1m, peak/long term)	
Full Range	126/120
Coverage	
Nominal	90 x 90
Subsystems	
LF	8-in cone, sealed
HF	1-in exit compression driver
Powering	
System	Passive
Dimensions	
Inches	10.75 x 10.75 x 10.75
Millimeters	274 x 274 x 274
Weight	21lbs/9.5kg



SUB.two*

Operating Range (Hz)	
VLF 1 (-10 dB)	35 - 250
VLF 2 (-10 dB)	20 - 190
Axial Sensitivity (dB SPL, 1W @ 1m, whole space/half space)	
VLF 1	101/107
VLF 2	92/98
Power Handling / Impedance (Watts @ Ohms)	
VLF 1	1000 @ 4
VLF 2	1800 @ 4
Maximum Output (dB SPL @ 1m, peak/long term)	
Whole space	
VLF 1	137/131
VLF 2	131/125
Half space	
VLF 1	143/137
VLF 2	137/131
Subsystems	
VLF 1	2x 12-in cone, bent bass horn
VLF 2	21-in cone, vented
Power System	
System	Bi-amplified
Dimensions	
Inches	29.00 x 36.00 x 36.00
Millimeters	737 x 914 x 914
Weight	286lbs/129.0kg



* Because SUB.two may support multiple processing configurations to deliver multiple tunings, data will vary according to these tunings. The data here represent a conservative approach; actual performance might vary to the upside.

