

LEGACY  
AUDIO

PRODUCT SPECIFICATION SHEETS

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# VALOR SYSTEM

## THE FLAGSHIP MASTERPIECE



### Flagship Home Theater

Immersive and powerful, the Valor System fills your room with a perfectly reproduced soundstage and sonic accuracy.

### Advanced Room Correction

With the included Wavelet II, the Valor system adjusts to fit your room ensuring enveloping sound no matter the listening position.

### Incredible Power

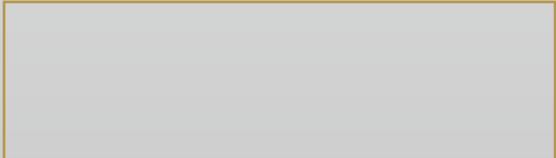
Features 2,750W of internal amplification with 1,000W on the sub, 750W on the bass and 1,000W for the mids and ambient array.

## VALOR SYSTEM

Valor is Legacy Audio's state-of-the-art flagship system, representing the pinnacle of loudspeaker engineering. It utilizes a sophisticated 8-driver array and over 2,750 watts of internal power to create an unparalleled sense of scale and realism. By employing Wavelet II DSP for acoustic steering, it effectively "removes" the room from the listening equation for ultimate clarity and immersion.

## SPECIFICATIONS

Application	Sequential sound field reconstruction system, auto-setup with calibrated microphone
Processor	2 input, 8 output, 64 bit DSP, room correction/Stereo Unfold algorithm
System Type	8 driver with 4 way crossover system with specialized 3 driver ambient array
Tweeter	Dual 4" AMT bridge-mounted in post convergent array
Midrange	1.5" coaxial, titanium/polyester diaphragm, precision waveguide
Midwoofer	14" carbon/pulp curvilinear cone, neo motor, dipolar
Bass	Dual 14" carbon/pulp curvilinear cone, neo motor in super cardioid array
Subwoofer	Dual 12" aluminum diaphragms, 480 oz. motors, cast frame, 3" dual 4-layer voice coils
Passive Radiator	Dual 12" patented symmetrically loaded with 2" travel
Low Frequency Alignment	Hybrid cardioid pattern, dual rear radiator, down-firing sub
Inputs	1 pair binding posts for upper range 2 XLR balanced for bass and sub 1 XLR for Stereo Unfold
Internal Amplification	Subs: 1,000W Bass: 750W Mid: 500W Ambient Array: 500W
Recommended Amplification	1 external channel of 60W or greater required for high frequencies
Freq. Response (Hz, +/-2dB)	12Hz-30kHz
Impedance	XLR 10 and binding post 4 ohms
Sensitivity	100.5 dB [2.83V @ 1m]
Crossover (Hz)	65, 800, 6k
Cabinet Dimensions HxWxD (inches)	Cabinet: 67" H x 16.25" W x 18" D Base: 1.5" H x 20.75" W x 20.75" D
Weight	288 lbs each



# AERIS XD

## STRIKING HIGH PERFORMANCE



### Superior Sound Imaging

Visually stunning floorstanding speaker with dual functions, providing both visceral bass impact and an expansive, three-dimensional sound.

### Precision DSP Optimized

Advanced Digital Signal Processing ensures seamless integration of the drivers and flawless operation in any unique listening environment.

### Clarity and Articulation

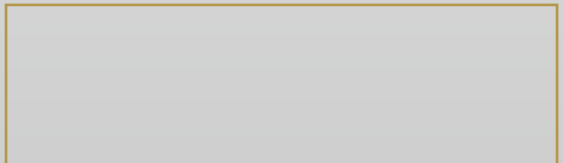
Our 1" and 4" Dual Air Motion Tweeters provide superb frequency response, articulation and upper end clarity.

# AERIS XD

The Aeris XD is a visually stunning loudspeaker that combines an open-air dipole midrange with a high-output powered subwoofer base. This design provides an airy, spacious soundstage while maintaining the visceral impact of deep, controlled bass. It is powered by internal amplifiers and optimized via advanced DSP to ensure seamless integration in any listening environment.

## SPECIFICATIONS

Application	DSP based bi-amped hybrid dipole
System Type	6 driver with 4.5 way crossover
Tweeter	Dual Air Motion Tweeter System: 1" AMT super tweeter & 4" AMT tweeter
Midrange	8" titanium encrusted, accordion edge with 6 lb magnetic structure
Midwoofer	10" accordion edge with 10 lb magnetic structure
Subwoofer	Dual 12" ultra-linear bass drivers with 15 lb motor
Passive Radiator	10" mass loaded pneumatic
Low Frequency Alignment	Hybrid cardioid, dual rear ported
Inputs	1 Pair binding posts for upper range 1 XLR balanced for bass
Internal Amplification	1500W
Recommended Amplification	1 external channel of 15W or greater required. Bass section driven with 1,400W of internal power
Freq. Response (Hz, +/-2dB)	18-30k, includes 24 bit processor
Impedance	4 ohm/ 10k amp Input
Sensitivity	95.4 dB [2.83V @ 1m]
Crossover (Hz)	80, 2.8k, 8k
Cabinet Dimensions HxWxD (inches)	Upper Cabinet: 58 x 13.75 x 16 Base: 19 x 17.75
Weight	182 lbs each
Shipping Weight	301 lbs each



# FOCUS SE/XD

## ICONIC ACTIVE OR PASSIVE REFERENCE



### Active or Passive Models

The 25-year refinement of Legacy's most famous model, setting the standard for massive full-range loudspeakers.

### Prodigious Bass Output

Features dual 12-inch woofers to deliver a powerful frequency response, extending all the way down to 18Hz with authority.

### Critical Detail

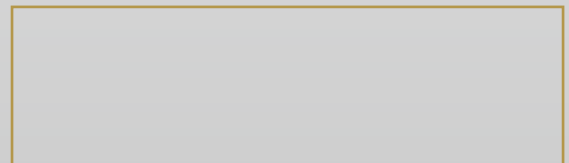
Employs a specialized Air Motion Tweeter system to accurately reproduce the full dynamic range of complex live music.

## FOCUS SE/XD

The Focus SE (passive) and Focus XD (internal amplification) is one of Legacy's most popular speaker models. It features dual 12-inch woofers and a specialized Air Motion Tweeter system to deliver a massive frequency response from 18Hz to 30kHz. This speaker is widely celebrated for its ability to reproduce the full dynamic range of a live orchestra or rock concert.

## SPECIFICATIONS

Application	Configurable, Internally powered full range or bi-ampable tower with mastering grade clarity
System Type	6 driver with 4 way crossover
Tweeter	Dual Air Motion Tweeter system: 1" AMT super tweeter with Kimber silver HF wire
Midrange	Dual Air Motion Tweeter system: 4" AMT tweeter
Midwoofer	Dual 7" graphene-filled carbon fiber cone with cast frame
Subwoofer	Dual 12" ultra-linear bass drivers with 15 lb motor
Low Frequency Alignment	Assisted 6th order Butterworth with dual rear ports
Inputs	1 Pair binding posts for upper range 1 XLR balanced for full range or bass section
Internal Amplification	FOCUS XD: 750W amplifier on FOCUS XD FOCUS SE: None
Recommended Amplification	FOCUS XD: 1 channel of 15W minimum for bi-amping upper range FOCUS SE: 30W or above
Freq. Response (Hz, +/-2dB)	18-30kHz
Impedance	4 ohm/ 10k amp input
Sensitivity	95.4 dB (2.83V @1m)
Crossover (Hz)	120, 2.8K, 8K
Cabinet Dimensions HxWxD (inches)	55 x 14 x 15.375
Weight	FOCUS XD: 141 lbs FOCUS SE: 136 lbs
Shipping Weight	FOCUS XD: 193 lbs FOCUS SE: 188lbs



# FOCUS ON WALL

## ZERO FOOTPRINT REFERENCE



### Zero Footprint Tower

Brings the legendary engineering of the Focus series to a space-saving design, allowing audiophiles to reclaim floor space.

### Mastering-Grade Bass

Dual 12" drivers provide world-class linear bass and massive dynamic range without the need for a traditional floor cabinet.

### AMT Transparency

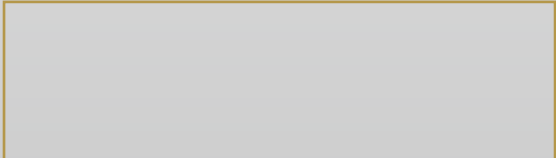
Features the exact same high-velocity Dual Air Motion Tweeter system as the acclaimed Focus SE and Focus XD floor-standing model.

## FOCUS ON WALL

The Focus On-Wall brings the legendary engineering of the Focus series to a sophisticated, space-saving design. It allows audiophiles and studios to achieve mastering-grade performance and massive dynamic range without sacrificing floor space. This system confirms that you no longer need a floor-standing tower to experience world-class linear bass and crystal-clear imaging.

## SPECIFICATIONS

Application	Low profile, multipurpose on-wall surround
System Type	6 driver with 4 way crossover
Tweeter	Dual Air Motion Tweeter system: 1" AMT Super Tweeter, silver HF wire
Midrange	Dual Air Motion Tweeter system: 4" AMT Tweeter
Midwoofer	Dual 7" graphene filled carbon fiber
Subwoofer	Single 12" ultra-linear bass drivers with 15 lb motor
Low Frequency Alignment	12" passive radiator
Inputs	1 pair binding posts
Recommended Amplification	30W or above
Freq. Response [Hz, +/-2dB]	24-30K
Impedance	4 ohm
Sensitivity	95.4 dB [2.83V @ 1m]
Crossover	120, 2.8K, 8K
Dimensions [HxWxD in inches]	52 x 14.125 x 8.125
Weight [each]	127 lbs
Shipping Weight [each]	188 lbs



# SIGNATURE SE/XD

## COMPACT VERSATILITY



### Compact Tower

A room-friendly, sealed-box enclosure offering the impressive performance of a large tower speaker in a smaller footprint.

### High Efficiency System

Highly efficient design makes it widely compatible with a high-quality tube or solid-state amplifiers for versatility. The XD model has built-in 650W amp.

### Fast, Controlled Bass

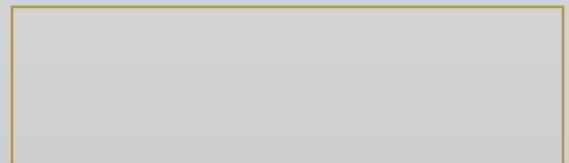
Its five-driver, four-way configuration provides exceptional clarity and tight bass response, even when placed near walls.

## SIGNATURE SE/XD

The Signature offers the performance of a large-scale tower in a more room-friendly, sealed-box enclosure. Its five-driver, four-way configuration provides exceptional clarity and a “fast” bass response that works well even when placed near walls. It is a highly efficient design, making it compatible with a wide variety of high-quality tube or solid-state amplifiers. Chose the Signature SE for pairing with external amps or the Signature XD to use the internal 650W amplifier.

## SPECIFICATIONS

Application	Sealed enclosure, low sensitivity to room placement
System Type	5 driver with 4 way crossover
Tweeter	Dual Air Motion Tweeter system – 1” AMT super tweeter, silver HF wire
Midrange	Dual Air Motion Tweeter system – 4” AMT tweeter
Midrange	7” graphene-filled carbon fiber cone with cast frame
Subwoofer	Dual 10” spun aluminum diaphragm, rubber surround, long throw suspension with case frame
Low Frequency Alignment	Sealed, dynamic damping
Inputs	Preamp level: XLR/RCA with adapter
High Level	1 Pair of 5-way binding posts
Internal Amplification	SIGNATURE XD: 650W clean amplification SIGNATURE SE: None
Recommended Amplification	SIGNATURE XD: 10W minimum bi-amping upper range SIGNATURE SE: 20W recommended
Freq. Response [Hz, +/-2dB]	22-30K
Impedance	4 ohm
Sensitivity	92 dB [2.83V @ 1m]
Crossover [Hz]	180, 2.8K, 8K
Dimensions HxWxD [inches]	48 x 12 x 13.75
Weight [each]	SIGNATURE XD: 110 lbs each SIGNATURE SE: 106 lbs each



# CLASSIC HD

## ELEGANT HOME PERFORMANCE



### Elegant Tower Profile

A slim-profile tower speaker designed to bring high-fidelity sound into a modern living room without being visually overbearing.

### Natural Vocals & Warmth

Features a specialized silver/graphite midrange driver that renders vocals with a natural warmth and superb articulation.

### Silky Ribbon Highs

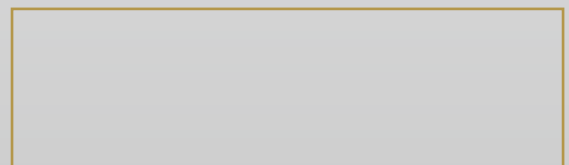
The folded ribbon AMT tweeter delivers silky, extended high frequencies that remain clear and non-fatiguing, even during long sessions.

## CLASSIC HD

The Classic HD is an elegant tower speaker designed to bring high-fidelity sound into the modern living room without being visually overbearing. It features a silver/graphite midrange driver that renders vocals with natural warmth and a folded ribbon tweeter for silky, non-fatiguing high frequencies. It is an excellent choice for listeners who value musicality and a balanced, sophisticated aesthetic.

## SPECIFICATIONS

Application	Efficient, wide range tower, with high SPL capability
System Type	4 driver with 3 way crossover
Tweeter	1" dual pole AMT ribbon
Midwoofer	7" graphene filled carbon fiber
Bass	Dual 8" silver graphite with woven diaphragm, cast basket, and phase compensation plug
Low Frequency Alignment	Assisted 6th order Butterworth with dual rear ports
Inputs	2 pair binding post for Treble and Bass
Recommended Amplification	20W or above
Freq. Response (Hz, +/-2dB)	32-30K
Impedance	4 ohm
Sensitivity (Room, dB@ 2.83V)	94 dB
Crossover	450, 3.5K
Dimensions (HxWxD, inches)	44 x 10.75 x 13
Weight	84 lbs each



# MARQUIS

## CENTER CHANNEL CLARITY



### Ultimate Center Channel

A heavy-duty center speaker engineered to handle the most demanding film soundtracks and multi-channel high-resolution music.

### Dual 12-inch Drivers

Uses dual 12-inch drivers to ensure that dialogue and on-screen action share the same weight and impact as the main towers.

### Crystal Clear Dialogue

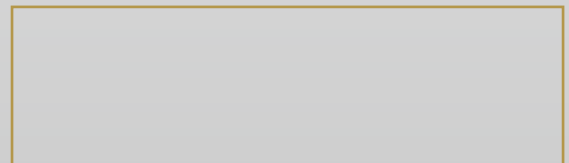
Voices remain crystal clear, coherent, and perfectly anchored to the screen, even when played at high volume levels.

## MARQUIS

The Marquis is a heavy-duty center channel speaker engineered to handle the most demanding film soundtracks and high-resolution multi-channel music. It uses dual 12-inch drivers to ensure that dialogue and center-stage action have the same weight and impact as the main towers. Its design ensures that voices remain crystal clear and anchored to the screen, even at high volume levels.

## SPECIFICATIONS

Application	Highly dynamic full range center
System Type	4 driver with 3 way crossover
Tweeter	4" dual pole AMT ribbon
Midrange	7.5" accordion edge with 6lb magnetic structure
Subwoofer	Dual 12" ultra-linear bass drivers with 15 lb motor
Low Frequency Alignment	3rd order Butterworth
Freq. Response (Hz, +/-2dB)	22-25K
Impedance	4 ohm
Sensitivity (Room, dB@ 2.83V)	95 dB
Recommended Amplification	25W or above
Crossover	250, 4K
Binding Post	2 pair binding post for treble and bass
Dimensions HxWxD (inches)	14 x 38 x 13
Weight	96 lbs each



# ELEMENT XD

## FLAGSHIP CENTER CHANNEL



### Valor System Companion

Designed primarily as a high-performance center channel and the perfect sonic and aesthetic match for the flagship Valor systems.

### Powerful Internal Subs

1,400W of internal amplification drives dual 12" subwoofers for chest-thumping punchy bass and effortless dynamic capacity.

### Coaxial Vocal Realism

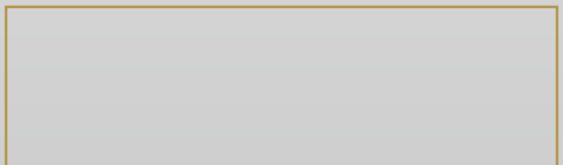
Uses a 14" carbon/pulp midrange driver for incredible vocal realism and sparkling high notes through a bridge-mounted tweeter array.

## ELEMENT XD

Designed primarily as a high-performance center channel, the Element XD is the perfect sonic match for the Valor or Aeris XD systems. It produces room-shaking bass and sparkling high notes through a unique “bridge-mounted” tweeter array. It is an essential component for those building an uncompromising, immersive home theater around Legacy’s top-tier towers.

## SPECIFICATION

Application	High performance center channel matched to VALOR System
System Type	6 driver with 3 way crossover
Tweeter	Dual 4" AMT bridge-mounted in post convergent array
Midrange	1.5" coaxial, titanium/polyester diaphragm, precision waveguide
Midwoofer	14" carbon/pulp curvilinear cone, neo motor, dipolar
Subwoofer	Dual 12" ultra-linear bass drivers with 15 lb motor
Low Frequency Alignment	Sealed, 3rd Order Butterworth
Inputs	1 XLR 1 Pair Binding Posts
Internal Amplification	1500W
Recommended Amplification	1 external channel of 60W or greater required for high frequencies
Crossover (Hz)	200, 800, 6k
Freq. Response (Hz, +/- 2dB)	22Hz-30kHz
Impedance	XLR 10k Binding posts 4 ohms
Sensitivity	100.5 dB [2.83V @ 1m]
Dimensions HxWxD (inches)	16 x 44 x16
Weight	125 lbs



# STUDIO HD

## HIGH PERFORMANCE BOOKSHELF SPEAKERS



### Surprisingly Nimble

A high-performance bookshelf monitor utilizing an 8-inch woofer that punches far above its weight class in dynamic range.

### Exceptional Bass Impact

Delivers a level of bass impact and dynamic detail rarely found in smaller monitors, suitable for primary or surround use.

### Versatile Home Theater

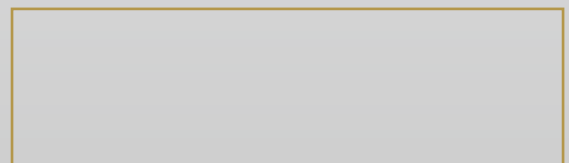
Equally at home as a main stereo pair in a small room or as high-resolution surrounds in a world-class home cinema system.

## STUDIO HD

The Studio HD is a high-performance bookshelf monitor that punches far above its weight class. Utilizing an 8-inch woofer and a pleated ribbon tweeter, it delivers a level of bass impact and detail rarely found in small monitors. It is equally at home as a primary stereo pair in a small room or as high-resolution surrounds in a world-class home theater.

## SPECIFICATIONS

Application	Studio grade reference monitor and bookshelf speaker
System Type	2 Driver with 2 way crossover
Tweeter	1" Dual pole AMT folded ribbon
Midwoofer	8" silver graphite woven diaphragm with cast basket and phase compensation plug
Frequency Alignment	4th order Butterworth reflex and rear ports
Inputs	2 pair binding posts for treble and bass
Recommended Amplification	15W or above
Frequency Response (Hz +/- 2dB)	41-30k
Impedance	4 ohm
Sensitivity	91 dB [2.83V @ 1m]
Crossover	2.8k
Dimensions (HxWxD, inches)	13 x 10.8 x 10.8
Weight	30 lbs each
Shipping Weight	74 lbs per pair



# PIXEL ON WALL

## WALL MOUNTED CLAIRITY



### Immersive Home Theater

Get immersive home theater sound with the Pixel On Wall speakers. Great for on-wall surround applications.

### 4" Air Motion Tweeters

Our 4" AMT speakers reveal exceptional clarity and detail bringing out dialog and an expansive soundstage.

### Stellar Surround

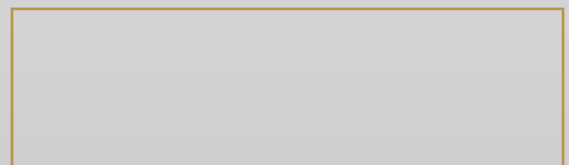
Superb frequency response from 60Hz-28kHz, perfect for surround sound, Dolby Atmos, and left and right channel duties.

## PIXEL ON-WALL

Pixel features a 4" high velocity AMT driver to deliver a fully extended and airy top end. The Pixel's 7" graphene filled carbon fiber midrange with an acoustically coupled port provides excellent midrange clarity. Pixel seamlessly matches with other Legacy floor standing speakers in a surround sound system. The Pixel On-Wall can be ordered as the Pixel Pro In-Wall with an oversized front baffle, allowing it to be mounted inside the wall.

## SPECIFICATIONS

Application	Low profile, multipurpose on-wall surround
System Type	2 driver with 2 way crossover
Mounting	Wall mount with bracket
Tweeter	4" AMT folded ribbon
Midwoofer	7" graphene filled carbon fiber
Low Frequency Alignment	4th order Butterworth reflex, ported
Inputs	1 pair binding posts with recessed cup
Recommended Amplification	25W or above
Frequency Response (Hz +/- 2dB)	60-28k
Impedance	4 ohm
Sensitivity	90 dB (2.83 Volts @ 1m)
Crossover Frequency (Hz)	2.5k
Dimensions (HxWxD, inches)	17.5 x 13 x 4.5 without grille 17.5 x 3 x 5.25 with grille
Weight	26 lbs each
Shipping Weight	62 lbs per pair



# SILHOUETTE ON WALL

## PREMIUM ON-WALL LUXURY



### Premium On-Wall Luxury

Provides a high-end audio solution for spaces where floor space is limited or a highly minimalist aesthetic is specifically required.

### Slim Full-Range Sound

At only 5 inches deep, specialized drivers provide a rich, full-range sound that impressively rivals traditional, bulky tower speakers.

### Seamless A/V Integration

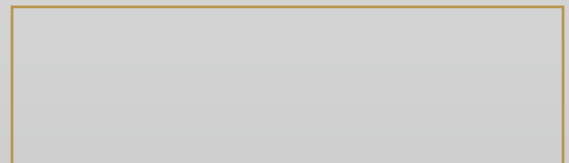
Ideal solution for premium home theaters or media rooms where the audio hardware needs to elegantly blend into the surrounding decor.

## SILHOUETTE ON WALL

The Silhouette provides a high-end audio solution for spaces where floor space is limited or a minimalist aesthetic is required. At only 5 inches deep, these on-wall speakers use specialized drivers to provide a rich, full-range sound that rivals traditional tower speakers. They are the ideal solution for premium home theaters or media rooms where the hardware needs to blend into the decor.

## SPECIFICATIONS

Application	Low profile articulate full range main or side channel
System Type	4 driver with 3 way crossover
Mounting	Wall mount with bracket
Tweeter	4" AMT folded ribbon
Midwoofer	7" graphene filled carbon fiber
Bass	10" long throw low-profile motor
Passive Radiator	10" mass loaded pneumatic
Low Frequency Alignment	Assisted 6th order Butterworth
Inputs	1 pair binding post with recessed cup
Recommended Amplification	25W or above
Freq Response [Hz, +/-3dB]	42-28k
Impedance	4 ohm
Sensitivity	92 dB [2.83V @ 1m]
Crossover Frequency [Hz]	250, 2.5k
Dimensions [HxWxD, inches]	35.5 x 13.125 x 4.6 (add 5/8" to depth if grille required)
Weight	50 lbs each



# SILHOUETTE CENTER ON WALL

## SLIM HOME THEATER ANCHOR



### Full Range Center

An on-wall center channel that redefines full-range performance from an enclosure that is only 4.5 inches deep.

### Crisp, Airy Dialogue

Employs a 4" AMT ribbon tweeter to ensure voices remain clear, articulate, and airy, anchoring the sound seamlessly to the screen.

### Wall Boundary Optimized

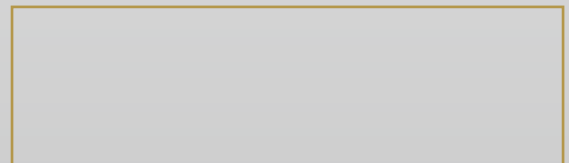
The crossover is specifically engineered to counteract frequency dips often caused by speakers placed close to the wall boundary.

## SILHOUETTE CENTER ON WALL

The Silhouette Center is an on-wall center channel that redefines what is possible from a 4.5-inch deep enclosure. It delivers a full-range soundstage that seems to come from far beyond the wall, avoiding the “thin” sound of typical wall-mounted speakers. When paired with Silhouette On Wall, it creates a seamless, high-fidelity theater experience with a zero-floor footprint.

## SPECIFICATIONS

Application	Low-profile wide range on-wall center
System Type	3 driver with 2 way crossover
Tweeter	4" AMT folded ribbon
Midwoofer	Dual 7" graphene filled carbon fiber
Passive Radiator	Dual 8" mass loaded radiators
Low Freq. Alignment	Assisted 6th order Butterworth
Inputs	1 pair binding post, recessed cup
Recommended Amplification:	25W or above
Freq. Response (Hz)	55 - 28k
Impedance	4 ohm
Sensitivity	92 dB [2.83 Volts @ 1m]
Crossover (Hz)	2.5k
Dimensions (HxWxD, inches)	9.33 x 39.66 x 4.5 without grille 9.33 x 39.66 x 5.25 with grille
Weight	52 lbs each



# SILHOUETTE PRO ON WALL

## VERSATILE SURROUND



### Premium On-Wall Luxury

Provides a high-end audio solution for spaces where floor space is limited or a highly minimalist aesthetic is specifically required.

### Slim Full-Range Sound

At only 5 inches deep, specialized drivers provide a rich, full-range sound that impressively rivals traditional, bulky tower speakers.

### Seamless A/V Integration

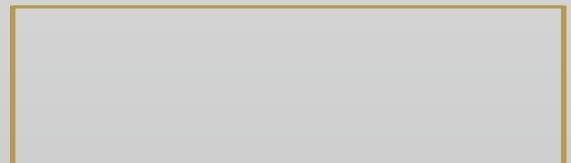
Ideal solution for premium home theaters or media rooms where the audio hardware needs to elegantly blend into the surrounding decor.

## SILHOUETTE PRO ON WALL

The Legacy Silhouette Pro On Wall is an extremely versatile speaker for home theater mains, rear or even surround sound applications. The robust driver complement and special electrical network yield the optimum response at the listening position. The result is a speaker that does not sound like an on-wall with staging beyond the wall.

## SPECIFICATIONS

Application	Low profile articulate full range main or side channel
System Type	4 driver with 3 way crossover
Mounting	Wall mount with bracket
Tweeter	4" AMT folded ribbon
Midwoofer	7" graphene filled carbon fiber
Bass	10" long throw low-profile motor
Passive Radiator	10" mass loaded pneumatic
Low Frequency Alignment	Assisted 6th order Butterworth
Inputs	1 pair binding post with recessed cup
Recommended Amplification	25W or above
Freq Response (Hz, +/-3dB)	42-28k
Impedance	4 ohm
Sensitivity	92 dB [2.83V @ 1m]
Crossover Frequency (Hz)	250, 2.5k
Dimensions (HxWxD, inches)	35.5 x 13.125 x 4.6 (add 5/8" to depth if grille required)
Weight	50 lbs each



# DECO

## VERSATILE SURROUND



### Versatile Surround Pair

An ultra-versatile, on-wall speaker ideal for use as side or rear surround channels in any sophisticated, high-end home cinema.

### Angled Baffle

The unique shape and angled baffle allow Deco to fit perfectly into room corners while still providing spacious, immersive audio delivery.

### Clear and Powerful

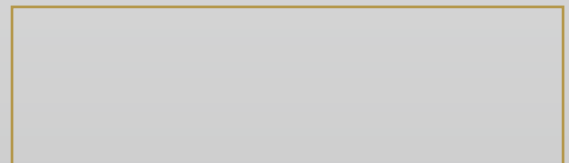
Despite its slim profile, it utilizes the same 8" Silver/Graphite woofer found in the acclaimed Studio HD for clear, powerful performance.

## DECO

The Deco is an ultra-versatile, on-wall speaker ideal for side or rear surround channels in a high-end cinema. Its unique shape allows it to fit into room corners or mount flat on walls while still providing spacious, immersive audio. Despite its slim profile, it delivers the clear, powerful performance Legacy is known for, making it a favorite for modern media rooms.

## SPECIFICATIONS

Application	Low profile, multipurpose on-wall surround
System Type	2 driver with 2 way crossover
Mounting	Wall mount with bracket
Tweeter	4" AMT folded ribbon
Midwoofer	7" graphene filled carbon fiber
Low Frequency Alignment	4th order Butterworth reflex, ported
Inputs	1 pair binding posts with recessed cup
Recommended Amplification	25W or above
Freq. Response [+/- 2dB]	60-28k
Impedance	4 ohm
Sensitivity	90 dB (2.83 Volts @ 1m)
Crossover Frequency (Hz)	2.5k
Dimensions (HxWxD in inches)	17.8 x 13.06 x 4.41
Weight	26 lbs each
Shipping Weight	62 lbs per pair



# GOLIATH XD

## SUBWOOFER POWERHOUSE



### Massive Depth

A massive unit designed for the largest home theaters and professional studios, built to provide physical impact and extreme depth.

### Crushing, Deep Output

Features dual 15-inch active drivers and dual 15-inch passive radiators for subterranean low-end extension and thunderous bass.

### 1,000-Watt Internal Amp

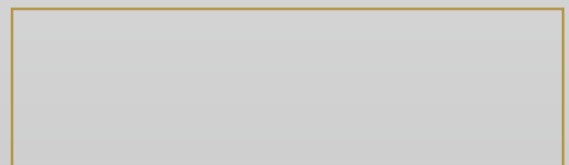
Driven by a 1,000-watt internal amplifier, ensuring speed and accuracy are maintained even during explosive dynamic peaks in films.

## GOLIATH

The Goliath XD is a massive subwoofer designed for the largest home theaters and professional recording studios. It features dual 15-inch active drivers and matching dual 15-inch passive radiators, driven by a 1,000-watt internal amplifier for thunderous low-end extension. This unit is built to provide physical impact and extreme depth while maintaining the speed and accuracy required for music.

## SPECIFICATIONS

Application	Highly articulate reference grade dual sub-woofer system
System Type	Mutually coupled and dynamically stabilized
Subwoofer	Dual 15" spun aluminum diaphragm with cast frame and ultra long throw suspension
Radiator	Dual 15" mass loaded, bottom & rear firing
Low Frequency Alignment	8th order/Back EMF cancelling
Inputs	Dual XLR balanced
Internal Amplification	2000W
Frequency Response (Hz, +/- 2dB)	12-150 Hz
Impedance	10K Ohm amp input
Phase Adjustment	Available via external processor
Blend EQ	Available via external processor
Max. SPL	130 dB @ 1m
Low Pass Filter Slope	Linkwitz-Riley 6/12/24/48 dB per octave
Crossover (Hz)	30-200
Dimensions (WxHxD in inches)	18.125 x 40.125 x 19.125
Weight	190 lbs



# FOUNDATION

## TIGHT MUSICAL SUBWOOFER



### Tight Musical Bass

Specifically designed for listeners who want deep, high-end bass without the “boominess” often associated with typical home theater subs.

### Twin 12-inch Drivers

Uses two 12-inch long-throw drivers in a specialized enclosure to deliver exceptionally tight and tuneful, musical bass.

### Seamless Integration

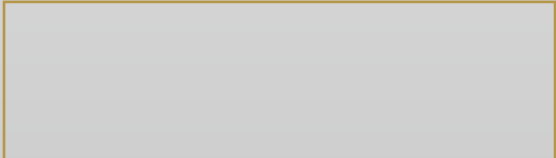
Provides 1,000 watts of internal power to handle sudden dynamic peaks, integrating perfectly with high-end floorstanding speakers.

## FOUNDATION

The Foundation subwoofer is specifically designed for listeners who want deep bass without the “boominess” often associated with home theater subs. By using two 12-inch long-throw drivers in a specialized enclosure, it delivers exceptionally tight and tuneful bass that integrates perfectly with high-end speakers. It provides 1,000 watts of power to ensure it can handle sudden dynamic peaks with ease.

## SPECIFICATIONS

Application	Dynamic dual subwoofer system, delivering essential low frequency output
System Type	Mutually coupled subwoofers, pneumatically loaded
Subwoofer	Two 12" spun aluminum diaphragm with 480oz motor structure with cast frame, 3" dual 4 layer voice coils with 2" peak to peak travel
Passive Radiator	Two 12" patented symmetrically loaded passive system radiators with 4" peak to peak travel
Low Frequency Alignment	Electrically assisted 6th order Butterworth
Inputs	Sub (LFE) L/R RCA Balanced XLR
Internal Amplification	1000W
Freq. Response [Hz, +/- 2dB]	16-120
Impedance	10k ohms
Phase Adjustment	Continuous +/-180
Blend EQ	+/- 12 dB @45Hz
Max SPL	120 dB @ 1m
Low Pass Filter Slope	18 dB per octave
Crossover [Hz]	40-120
Dimensions (HxWxD in inches)	29 x 14.5 x 15
Weight	113 lbs



# METRO XD

## SMALL BUT MIGHTY SUBWOOFER



### Small But Mighty Output

The smallest of Legacy's renowned subwoofers, capable of a massive 118dB output from a tiny 16-inch cube footprint.

### 750W Clean Power

Packs 750 watts of high-efficiency amplification into a compact unit, allowing it to hide easily in corners while delivering big room impact.

### Down-Firing Extension

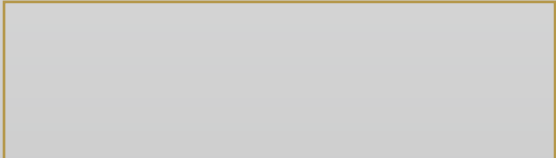
Utilizes a 15" down-firing passive radiator for extreme low frequency extension and features variable level and phase controls.

## METRO XD

The Metro XD is the smallest of Legacy’s renowned subwoofers, designed specifically to augment systems with 10-inch or smaller woofers. It packs 750 watts of clean linear power into a compact footprint, allowing it to hide in corners while delivering “big room” bass impact. It is the best solution for high-output low-end in smaller home theaters or critical listening rooms.

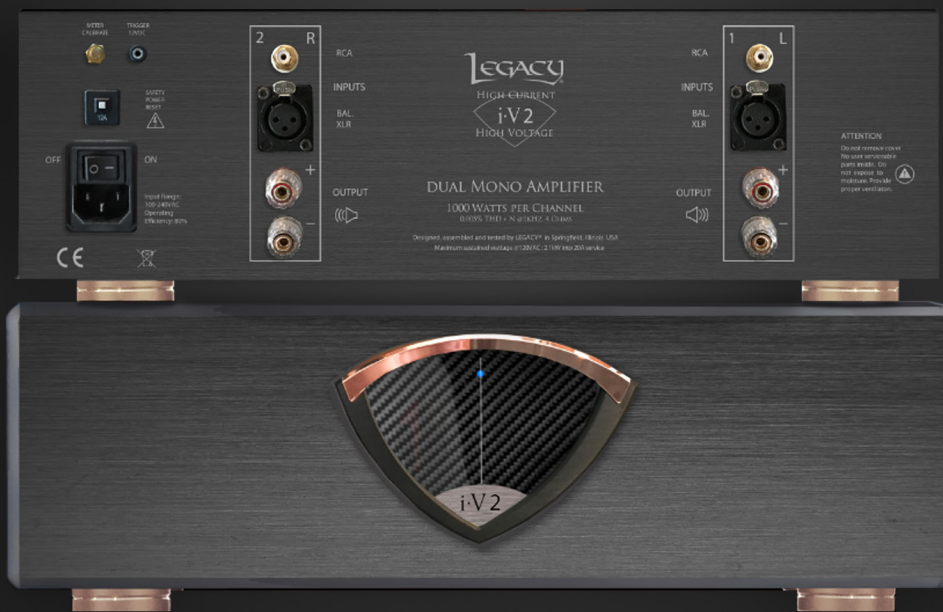
## SPECIFICATIONS

Application	Compact sub with deep powerful bass
System Type	Subwoofer, pneumatically coupled
Subwoofer	12” spun aluminum diaphragm, 480oz motor structure, cast frame, 3” dual 4 layer voice coil
Sub-Bass Radiator	15” mass loaded down firing
Low Frequency Alignment	6th order Butterworth
Inputs	LFE L/R RCA Balanced XLR
Internal Amplification	700W
Freq Response (Hz, +/- 2dB)	20-150
Impedance	10k ohm
Phase Adjustment	Cont. +/-180
Blend EQ	(+/- 12dB @ 45Hz)
Max SPL	118 dB @ 1m
Low Pass Filter Slope	18 dB per octave
Crossover (Hz)	40-150
Dimensions (HxWxD in inches)	16 x 16 x 16
Weight	68 lbs
Shipping Dimensions (inches)	22.63 x 22.5 x 21.75
Shipping Weight	112 lbs



# IV AMPLIFIERS

## EFFORTLESS AMPLIFIER MUSCLE



### Stable Power Delivery

Provides the massive current and voltage needed to drive any speaker system with absolute stability and incredible dynamic range.

### Clean Class-D Power

State-of-the-art technology eliminates transformer hum and excessive heat while maintaining ultra-high efficiency [approaching 80%].

### Atmos Ready Channels

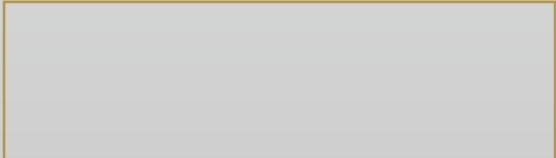
Available in configurations ranging from 2 to 8 channels, making them the ideal choice for future-proofing multi-channel Atmos® setups.

# IV AMPLIFIER SERIES

The iV Series (Standard) provides the massive current and voltage needed to drive any speaker system with absolute stability. By utilizing state-of-the-art ICEedge® technology, these amplifiers eliminate transformer hum and excessive heat while maintaining incredible dynamic range. They are the ideal choice for those who need high-performance power for multi-channel Atmos® setups.

## SPECIFICATIONS

Power Rating	660 watts per channel @ 4 ohms, all channels driven 610 watts per channel @ 8 ohms, all channels driven
Peak Power	1.4 kW peak power from any channel @ 4 Ohm/1kHz with less than 1% distortion
Over Current Protection	Breaker reset for excessive sustained current
Inputs	Fully balanced XLR Single-end RCA
Outputs	Gold plated safety approved five-way binding posts
Damping factor	750 average, 20Hz to 1kHz
Voltage Gain	25.8 dB
Dynamic Range	127dB, A- weighted
Voltage/Current	98 Vp / 38Ap
Input Sensitivity	5.0Vp @ 1200W/4 ohm
Input Impedance	38 kOhm for both pin 2+ and pin 3-
Channel Separation	120 dB at 1kHz
Dimensions (HxWxD in inches)	5.8 x 17.5 x 15.6
Unit Shipping Weight	iV2: 28 lbs each iV3: 30 lbs each iV4: 32 lbs each iV5: 35 lbs each iV6: 36 lbs each iV7: 37 lbs each iV8: 39 lbs each
Notes	A conventional single AC cord is provided.

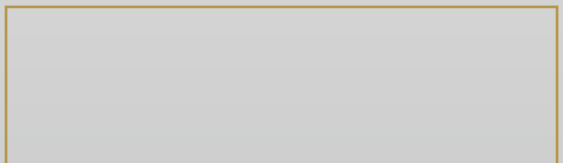


## IV ULTRA AMPLIFIER SERIES

The iV ULTRA series of amplifiers provides the massive current and high-voltage headroom required to drive modern loudspeakers to their full potential. These amplifiers feature a vanishingly low noise floor and extreme power ratings, ensuring that every nuance of a recording is preserved. They are available in various channel configurations to power everything from a stereo setup to a complex immersive theater.

### SPECIFICATIONS

Power Rating	iV1 ULTRA: 1600 watts per channel @ 4 ohms 1125 watts per channel @ 8 ohms iV2, iV3, iV4 ULTRA: 1000 watts per channel @ 4 ohms, all channels driven 610 watts per channel @ 8 ohms, all channels driven
Peak Power	iV1: 2.0 kW peak power @ 4 Ohm/ 1kHz with less than 1% distortion iV2, iV3, iV3: 1.4 kW peak power from any channel @ 4 Ohm/1kHz with less than 1% distortion
Over Current Protection	Breaker reset for excessive sustained current
Inputs	Fully balanced XLR Single-end RCA
Outputs	Gold plated safety approved five-way binding posts
Damping factor	800 average, 20Hz to 1kHz
Voltage Gain	29.5 dB
Dynamic Range	127 dB, A-weighted
Voltage/Current	149 Vp/ 38Ap
Input Sensitivity	5.0 Vp @ 1200W/4 ohm
Input Impedance	38 kOhm for both pin 2+ and pin 3-
Channel Separation	120 dB at 1kHz
Dimensions (HxWxD in inches)	5.8 x 17.5 x 15.6
Unit Shipping Weight	iV1 ULTRA: 33 lbs each iV2 ULTRA: 30 lbs each iV3 ULTRA: 35 lbs each iV4 ULTRA: 38 lbs each



# WAVELET II

## DIGITAL NERVE CENTER



### Preamp, DSP, DAC in one

A revolutionary processor that acts as a preamplifier, high-end DAC, and advanced digital crossover all combined into one unit.

### Advanced Room Correction

Features Bohmer Room Correction, which analyzes and precisely fixes complex acoustic issues in the time domain to clarify the soundstage.

### Time Alignment Manager

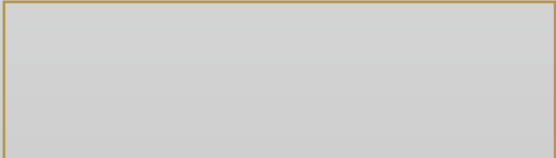
By managing the frequency and time alignment of the speakers, it allows the recording to be heard exactly as the artist intended.

## WAVELET II

Transform your listening experience and unlock the full potential of your audio system with the Legacy Wavelet II. This revolutionary DAC/preamp and digital crossover is the ultimate solution for audiophiles and home theater enthusiasts seeking pristine sound quality. The Wavelet II tackles the most common and challenging acoustic problem: your room. It's the essential tool for Legacy Audio room correction, ensuring the sound you hear is exactly as the artist intended.

## SPECIFICATIONS

Analog Inputs	Two pair Stereo balanced XLR inputs Two pair Stereo unbalanced RCA inputs One Measurement microphone XLR input
Digital Inputs	USB audio, 32 bit, 44.1 – 384 kHz AES/EBU & SPDIF, 24 bit, 192kHz TosLink, 24 bit 96kHz
Analog Outputs	8 balanced output channels on 8 XLR connectors 8 unbalanced output channels on 8 RCA connector All outputs: 0 dBFS*1 = 8 dBV*2 with 33 ohm output impedance.
Analog Input Adjustments	Balanced input sensitivity without attenuation 0 dBFS*1 = 1 dBV*2, input impedance 20k ohm. Unbalanced input sensitivity without attenuation 0 dBFS*1 = 1 dBV*2, input impedance 100k ohm. Analog attenuation available in three steps of -3 dB, -6 dB and -12 dB for an input sensitivity of 0 dBFS = 4 dBV, 7 dBV or 12dBV respectively.
Processor	Analog Devices with internal processing sample rate 192kHz, bit depth 64 bits
Measurement Microphone	Included
Control Interface	Legacy Wavelet app, included. Running on iOS, Android, iPad, Mac or PC device.
Control Connections	Wi-Fi or Ethernet CAT5/CAT6 connection
Dimensions [HxWxD, inches]	4.125 x 17.5 x 12
Weight	13.5 lbs



## TALOS

Talos represents a masterclass in high-performance engineering, leveraging a sophisticated 6-driver architecture to deliver an ultra-wide frequency response from 16Hz up to 30kHz. At its core, the dual 3" AMT convergence array and 3000-watt amplification provide effortless transients and clinical precision, while the 12" mid-woofer and dual 12" sub-woofers ensure a foundation of visceral, linear bass. This system is further refined by the included Wavelet 2 DSP, allowing for seamless room correction and a 5-channel internal crossover that achieves a level of transparency rarely found in a single-tower design. It is a formidable statement piece that reveals both the delicate nuance of classic recordings and the sheer scale of a live performance.

## SPECIFICATIONS

Speaker Type	6 Driver
Tweeter	Dual 3" AMT convergence array with precision waveguide
Midrange	3" coaxial, titanium/polyester diaphragm
Midwoofer	12" glass fiber double silicone spider
Subwoofer	[2] Dual 12" ultra-linear bass drivers with 15lbs motor
Passive Radiator	[2] 12" Patented symmetrically loaded passive system radiators with 4" peak to peak travel
Internal Amplification	3000W
Connection(s)	Single XLR - Internal DSP (5 Channels)
Included DSP	Wavelet 2
Frequency Response (Hz, +/- 2dB)	16Hz - 30kHz
Dimensions	*53" Tall x 17" Wide x 22" Deep
Weight	*250lbs

\* - Dimensions and weights are preliminary, and will be finalized before shipping



## OUTKAST

Outkast is a tour de force of low-frequency engineering, specifically designed to anchor the world's most demanding high-fidelity systems with an authoritative response down to 14Hz. Featuring three 12" ultra-linear drivers powered by a massive 4000-watt engine, it delivers subterranean impact with the surgical control required for critical listening. The integration of three 12" patented symmetrically loaded passive radiators ensures maximum air displacement with 4" of peak-to-peak travel, eliminating port noise while maintaining a compact, elegant footprint. With its internal 3-channel DSP and XLR connectivity, Outkast provides the perfect high-output foundation for any reference-grade theater or stereo configuration.

## SPECIFICATIONS

Speaker Type	3 Driver Subwoofer
Subwoofer	(3) Triple 12" ultra-linear bass drivers with 15lbs motor
Passive Radiator	(3) 12" Patented symmetrically loaded passive system radiators with 4" peak to peak travel
Internal Amplification	4000W
Connection(s)	Single XLR - Internal DSP (3 Channels)
Frequency Response (Hz, +/- 2dB)	14 - 500
Dimensions	*53" Tall x 17" Wide x 22" Deep
Weight	*250lbs
Frequency Response (Hz, +/- 2dB)	14Hz - 30kHz
Dimensions	*53" Tall x 17" Wide x 22" Deep
Weight	*250lbs

\* - Dimensions and weights are preliminary, and will be finalized before shipping

