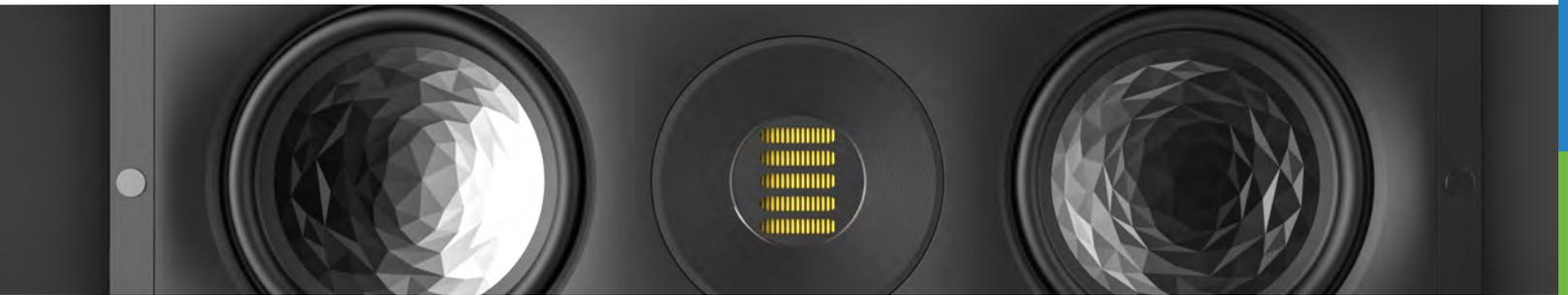


ELAC The life of sound.



CUSTOM INTEGRATION

PRODUCT CATALOGUE



2020

ELAC.COM



ONE is the fibre of Elac. It is what drives its innovation, its way of thinking its marketing and its development. Adding value to our products beyond the obvious, this is ONE.



One Philosophy. One ecosystem. One Life of sound.

It Shapes...

- How we develop
- How we market
- How we sell
- We develop products that on their own stand upright
- We make companion products to enhance the experience
- We make them work together
- We sell each product, but we sell the experience and vision
- Keeping the customer with the brand. Allowing them to grow with Elac

Technology

Elac is an early adopter of technology, embracing trends and new direction to remain relevant.

This segment represents Elac's emerging technology.

Traditional

Our heritage and loyalty is to high end traditional audio. Here we justify acoustic research exploring materials and mfg..

This segment represents Elac's acoustical technology.

Firmware/
Software

Today's products require integration, communication and a plethora of options that only firmware could implement

This segment represents Elac's firmware, software and APP development

Bridge

Bridge products connect technology to traditional and custom markets. This is what we call ONE.

This segment represents Elac's electronics product development.

Expect Innovation



-  A vision to push thinking beyond the present
-  Bringing value through innovation
-  A commitment to being current and relevant
-  Fuel and direction for our growth



The Crystal Membrane Woofer

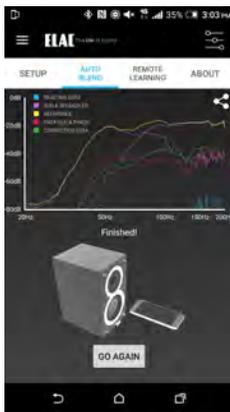
The eye-catching surface of the crystal membrane is more than just an attractive design feature.

Increased stiffness through crystal shape of aluminum cone

Extended frequency range (XR), smooth roll-off

Excellent large signal behaviour

Minimized VAS, (lot of bass out of small cabinets)



Auto Blend and Calibrate - ABC™

The companion IOS and Android app measures the near-field response of main speakers and subwoofer, then pinpoints the subwoofer's optimal crossover frequency.

Auto Blend results in the perfect integration of clean, articulate bass.

Room Calibration precisely tailors your system for flattest frequency response across the audio spectrum, optimized for your listening position and environment.



Cabinet Volume Correction - CVC™

CvC™ is a method to determine the volume behind the in-wall subwoofer and then based on known driver parameters applying a box equalization to correct for it. This is accomplished by means of a companion IOS and Android application.

Room Calibration precisely tailors your system for flattest frequency response across the audio spectrum, optimized for your listening position and environment.

A speaker designer would use a similar methodology in the lab with a known box volume.

The inimitable JET 5 tweeter.

ELAC's JET 5 tweeter is used throughout our loudspeaker range.

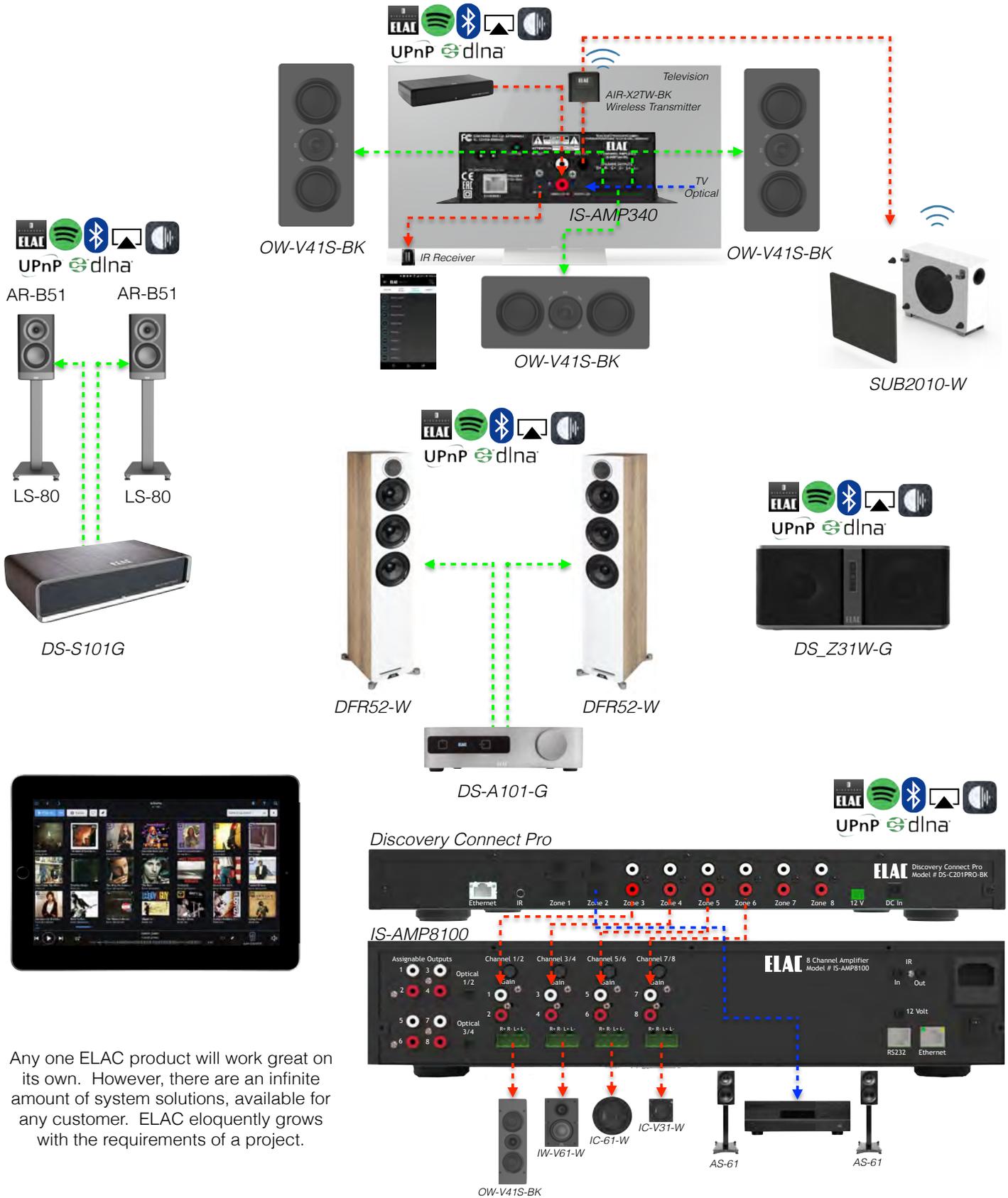
This high-frequency driver enthalls with its lightning-fast response and wide dynamic range, offering minimal distortion, lots of headroom and a distinctly wider frequency range than conventional dome tweeters.

The ELAC JET tweeter is one of the most legendary tweeters in the industry and has won international praise with its transparent and effortless sound image.

Delivering true high-definition sound,



ONE Day in the Life of Sound



Any one ELAC product will work great on its own. However, there are an infinite amount of system solutions, available for any customer. ELAC eloquently grows with the requirements of a project.



Integrator™ Series 3 Channel Digital Amplifier

The IS-AMP340 digital amplifier is loaded with features, packed into a small chassis to fit in tight spaces. Designed to work both as a 2 or 3 channel in stereo or full Dolby Digital decoding. Seamless integration with 3rd party controllers and a custom WebGUI for easy setup and deployment.



The amplifier has the ability to learn a remote as a master volume control, as well as network with many of the major control systems. This amplifier will provide more than enough power for most installations using Class D technology and deliver the high-end sound that ELAC is known for.

INTEGRATOR™ SERIES 3 CHANNEL DIGITAL AMPLIFIER

Configurable Amplification

The IS-AMP340 can be configured as a 2 x 60 Watts or 3 x 40 watts. This allows the amplifier to drive a simple stereo zone with or without a subwoofer and a full Dolby Digital 3.1 system all configured using our simple Web based GUI.

Dolby Digital Decoding

True Dolby Digital 3.1 decoding allows for content from local media, streaming media and over-the-air content to be decoded in its natural state providing a real center channel for crystal-clear dialog and a true LFE (Low Frequency Effects) channel for theatrical levels of bass.

ABC (Auto Blend & Calibrate)

Our exclusive ABC technology deals with two of the biggest problems with in-wall or on-wall audio systems, proper blending of a subwoofer with your main speakers and room correction. Presets for ELAC speakers allow for even easier setup. Simply download our free App for your smartphone or tablet and follow the instructions.

Remote Learning

The remote learning feature allows the In-Wall Amp to be controlled by 3rd party remote controls such as cable/satellite remote controls. An included IR sensor allows for the control of the IS-AMP340 when mounted behind the TV. The Learning Feature is setup using our free iOS and Android App.

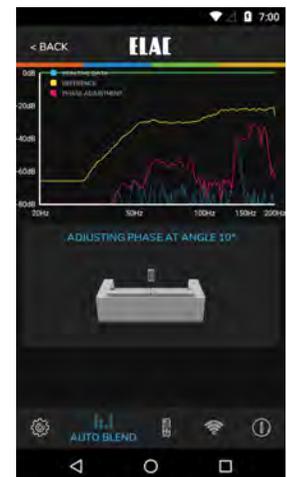
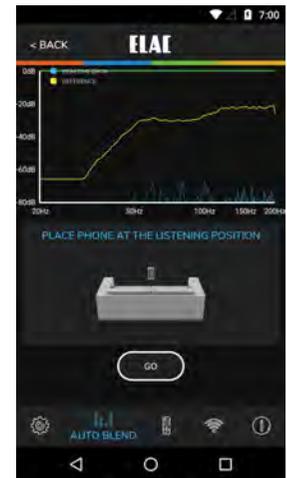
Web GUI

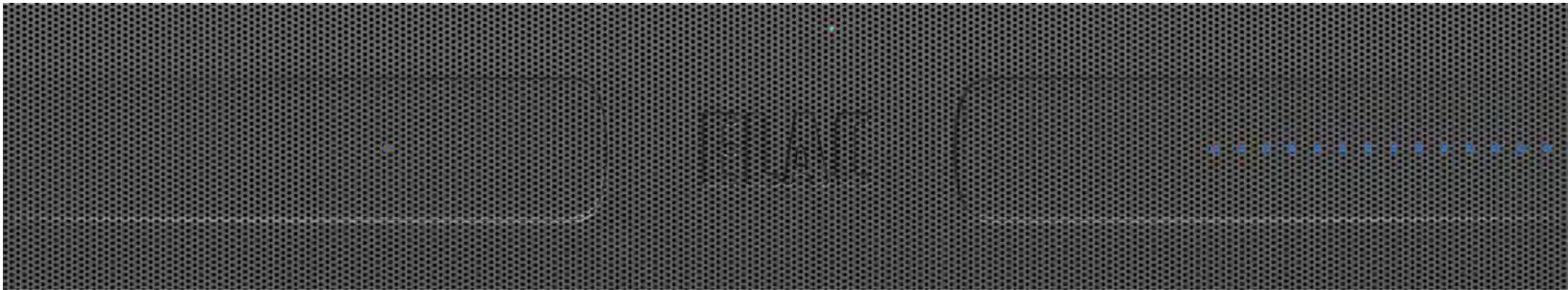
Our WEB GUI allows for easy setup and tuning of the amplifier. A status screen shows the current state of each channel along with both input and output levels for each channel. Settings can be saved for easy replication of projects.



IS-AMP340	
Integrator Series	
3 Channel DSP Amplifier	
SPECIFICATIONS	
Power Output @ 8 Ohms	2 Channels 60 Watts / 3 Channels 40 Watts
Frequency Response	20Hz to 20kHz
Amplifier Type	Class D
Inputs	Analog L/R, Toslink Digital, Bluetooth, Ethernet
Subwoofer/LFE Output	Yes, RCA
Dolby Digital Decoding	Yes
DSP Features	ABC (Auto Blend & Calibrate) Auto Room EQ Parametric EQ for Each Channel Treble/Bass Controls
Remote Learning Capability	Yes (IR Sensor Included)
App Control	Yes (iOS & Android)
Web GUI	Yes (For Setup)
3rd Party Control	Yes (IP Based)
12v Trigger	Yes
5v Output	Yes (For Wireless Sub Transmitter)

- PRELIMINARY SPECIFICATIONS -





Integrator™ Series Amplifiers

Our multi-channel amplifiers provide full matrix capability, any input to any output. Discrete Class D amplifiers ensure robust power even under the most demanding loads. Unique assignable outputs allow for the easy addition of powered subwoofers and amplifiers to multiple zones



The addition of multichannel amplifiers to the ELAC ecosystem was a natural progression of our engineering direction. They compliment all of the existing products, as well as create a unique level of flexibility for an integrator.

INTEGRATOR™ SERIES AMPLIFIERS

Full Matrix Audio Routing

Route any input to any output. Our WEB based GUI makes customizing the amplifier simple.

8, 12, or 16 Channels of Premium Power

Each ELAC Multi-channel amplifier uses a modular design and efficient Class D amplifiers. The 8 Channel Amplifier delivers up to 100 Watts per channel, while the 12 Channel delivers up to 75 Watts and the 16 Channel delivers up to 75 watts.

Configurable Audio Outputs

All of our multi-channel amplifiers feature assignable outputs (8-Channel 4 Outs), (12/16- Channel 8 Outs) allowing for extremely flexible projects. Power a room off in-ceiling speakers with the built-in

amplifiers and assign one of the outputs to a powered subwoofer in the same room. You can even apply high-pass filters to the in-ceiling/in-wall speakers

Advanced DSP

Our advanced DSP allows for great flexibility when setting up each zone. A full Parametric Equalizer can be used for each output or simply use one of our presets for ELAC speakers to simplify the setup.

WEB GUI

Our WEB GUI allows for easy setup and tuning of the amplifier. A status screen shows the current state of each channel along with both input and output levels for each channel. Settings can be saved for easy replication of projects.



SPECIFICATIONS	IS-AMP8100-BK	IS-AMP1275-BK	IS-AMP1650-BK
	Integrator Series	In-wall Vertex 3	In-wall Vertex 3
	8 Channel DSP Amplifier	12 Channel DSP Amplifier	16 Channel DSP Amplifier
Input Channels	8	12	16
Output Channels	8	12	16
Assignable outputs	4	8	8
Power output per channel @ 4W	100W	75W	50W
Power output per channel @ 8W.	100W	75W	50W
Topology	Discrete Class D	Discrete Class D	Discrete Class D
Frequency response	20 Hz – 20 KHz	20 Hz – 20 KHz	20 Hz – 20 KHz
Optical Input	No	No	No
Dimensions Width x Length	425.45 mm x 346.08 mm	425.45 mm x 346.08 mm	425.45 mm x 346.08 mm
Rack Spacing	2 RU	2 RU	2 RU
Remote learning	No	No	No
IP commands (third party control)	Yes	Yes	Yes
DSP	Yes	Yes	Yes
Wireless subwoofer transmitter	No	No	No
BLE connectivity.	No	No	No
Ethernet connection	Yes	Yes	Yes

- PRELIMINARY SPECIFICATIONS -



Discovery™ Series Discovery Connect Pro

Discovery Connect Pro is a 1RU Rack Mountable dual ARM based system delivering 8 independent stereo zones. The connect pro serves as 8 Independent or grouped endpoints for ELAC's Discovery Music Server or the Roon's Nucleus system.



The perfect piece of equipment to provide high end music streaming at any budget, and any size project. The Discovery Connect Pro is 8 end points that can be connected to a multi-channel amplifier, delivering an audio streaming system dedicated to the custom integration market. An elegant solution to an industry challenge.

DISCOVERY™ SERIES DISCOVERY CONNECT PRO

8 Zone Audio Distribution

The Discovery Connect Pro offers 8 Independent audio zones from Discovery/Roon based Music Servers. Zones can be grouped together for synchronized audio.

Analog and Digital Outputs

Six analog and two digital outputs provide flexibility for different zone configurations.

Support for High Resolution Audio

Built-in 192kHz 24-Bit audio DACs for each of the analog outputs ensure all zones offer no compromise audio. The digital outputs provide native audio up to 192kHz 24-bit to use with your own favorite DAC.



DS-C201PROBK	
Discovery Series	
Discovery Connect Pro	
SPECIFICATIONS	
Output Channels	8 Zones (6 Analogue, 2 Digital)
Rack Spacing	1 RU
End Point Support	YES (Discovery and Roon)
Ethernet Connection	YES (Internet connection for updates)
Dimensions W x H	425.45 mm (16.75 inches) x 346.08 mm (13-5/8)
ARM Processor	2 x Dual Core IMX6
Audio Output	Native Clocks
Sample Rate Conversion	None (Native)
Firmware Updateable	YES
Factory Reset	YES
Power Supply	Low Noise (Active Filtering)
Sampling Rate	Up to 192Khz

- PRELIMINARY SPECIFICATIONS -



Integrator™ Series In-Wall Subwoofer

ELAC's IW-S10EQ is designed to bring deep bass to any home theater or music system. Our exclusive app-controlled Cabinet Volume Correction technology and Auto-EQ assures the best performance no matter the volume of the wall or placement.



Our exclusive Cabinet Volume Correction technology assures great performance no matter the volume of the wall in which it is installed. The included amplifier and phone application analyzes the internal volume of the wall and optimizes the output of the subwoofer ensuring consistent performance.

INTEGRATOR™ SERIES IN-WALL SUBWOOFER

10" Thin Profile Long Excursion Driver

A custom designed 10" Thin Profile woofer was designed with a motor structure normally found on larger 12" Woofers. In conjunction with the included 400 Watt Rack Mount amplifier delivers real bass from from an in-wall woofer without the need for a back box.

400 Watt BASH Amplifier

Delivering a 400 watts of RMS power our BASH amplifier offers the power needed for todays dynamic music and movie soundtracks

CVC (Cabinet Volume Correction)

Our patented CVC technology delivers the same best in-class low frequency output no matter what wall it is installed in. CVC analyzes and determines the internal volume of the wall it is installed and adjusts the tuning of the DSP for optimum performance.

Automatic Room EQ

Utilizing the ELAC In Wall Sub Control app and your smartphone's microphone, the IW-S10EQ in-wall subwoofer will automatically equalize to your room's characteristics using a 12-band parametric equalizer. Manual adjustment is available as well.

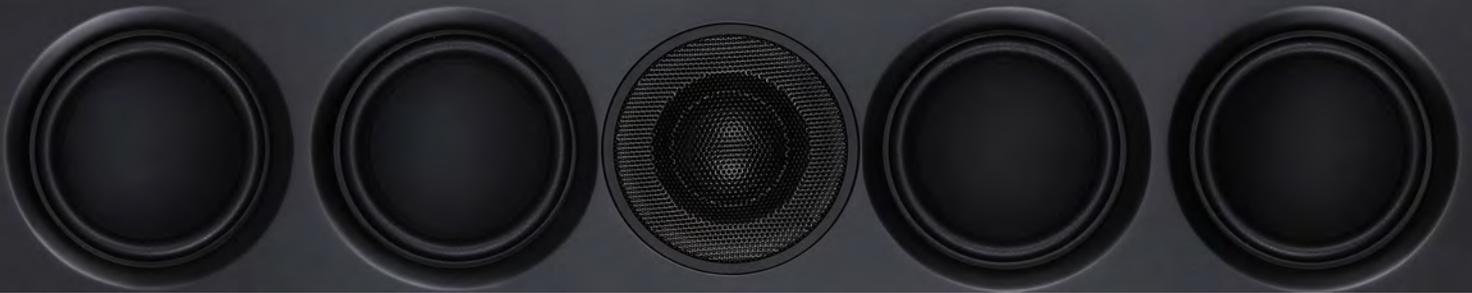
App Control

Our exclusive In Wall Sub Control App for iOS and Android devices make setting up and adjusting the subwoofer simple.



SPECIFICATIONS		IW-S10EQ-W Integrator Series 10" In-Wall Subwoofer & Amplifier
Woofer		10" high excursion doped paper cone
Passive Radiator		10" high excursion doped paper cone
Crossover Frequency		50Hz to 150Hz
Frequency Response		28Hz to 150Hz
Amplifier Type		BASH
Maximum Amplifier Power		400 Watts (RMS)
App Controlled		Yes (iOS and Android)
Standby Power Consumption		1 Watt
Inputs.		2 x RCA (L,R/LFE)
Data Connection		Ethernet, 12v Trigger, RS232
Cabinet Finish		Black
DSP		Yes
Accessories Included		AC Power Cord/Template
Height / Width / Depth		12" / 12.2" / 4.23"
Mounting Depth		3.82"
Net Weight		32.1 lbs
Net weight Amplifier		12.94 lbs / 5.87 kg
Net weight Subwoofer		14.24 lbs / 6.46 kg

- PRELIMINARY SPECIFICATIONS -



Muro™ Series On-wall Speakers

When space is at a premium and performance is top of mind, the compact proportions of the Muro Series make on-wall installation a breeze. Bring huge dimensionality to your system with a speaker that makes itself heard but barely seen.



ELAC has achieved numerous industry accolades for engineering and sonic performance for floorstanding and bookshelf speaker design. Our engineering team used the same techniques and high standards to design the Muro™ Series on-wall products.

MURO™ SERIES ON-WALL SPEAKERS

Silk Dome Tweeter With Deep Spheroid Waveguide

The waveguide surrounding the new ELAC high-frequency driver features a custom, deep spheroid profile to improve directivity control and efficiency.

Custom-designed woofer with aluminum cones

Aluminum cones offers a superior strength-to-weight ratio and improved damping characteristics over conventional paper or plastic drivers. This added strength means arriving at designs that achieve a broader bandwidth with smoother response.

AXIS Tilt Control

Allows for the listening axis to be directed towards the listener based on mounting orientation and height. Selectable by a rear panel switch.

Intricate Crossover

A custom multi-element crossover with audio-grade components is implemented to ensure smooth transition between the drivers

Painted Baffle

A satin black or white painted baffle gives the Muro On-Wall speakers a luxurious look to fit into practically any decor.

Flexible Mounting Options

Both Muro in-wall allow for both vertical and horizontal mounting options.



SPECIFICATIONS	OW-V41S	OW-V41L
	On-wall Muro 4" Surround Speaker	On-wall Muro Dual 4" LCR Speaker
Enclosure Type	2-way	2-way dual passive radiator, sealed
Tweeter	1" soft dome	1" soft dome
Woofer	4" Aluminum cone	4" Aluminum cone
Passive Woofer	4" Aluminum cone	4" Aluminum cone
Crossover Frequency	2,800 Hz	2,800 Hz
Frequency Response	75 to 35,000 Hz	75 to 35,000 Hz
Sensitivity	86 db at 2.83 v/1m	86 db at 2.83 v/1m
Max Power Input	80 watts	80 watts
Nominal impedance	6 Ohm	8 Ohm
Binding Posts	5-way metal	5-way metal
Cabinet	CARB2 rated MDF	CARB2 rated MDF
Cabinet Finish	Painted Satin Black or White Front Baffle with vinyl wrapped cabinet	Painted Satin Black or White Front Baffle with vinyl wrapped cabinet
Grill	Magnetic White or Black Fabric Grill	Magnetic White or Black Fabric Grill
Accessories Included	Mounting template, manual	Mounting template, manual
Height / Width	H: 15 11/16" / W: 7"	H: 25 1/2" / W: 7 13/16"
Depth	3 3/8"	3 3/8"

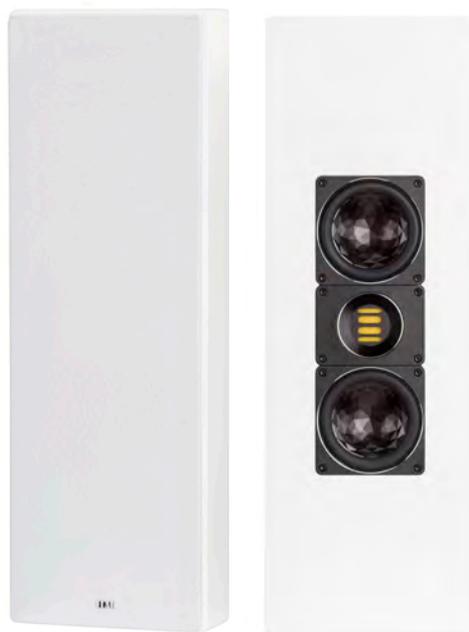
- PRELIMINARY SPECIFICATIONS -



WS Series On-wall Speakers

Composed, contemporary elegance.

Finding the perfect position for the WS models couldn't be easier. A little wall space is all that these loudspeakers need to unleash their full potential. Despite their shallow cabinet depth of just 84 mm (less than 3½ inches), they use the very latest chassis and driver technology to deliver full-scale sound with deep, powerful bass. Ideal for TV and surround-sound applications, they are also perfect for serious music listening, conveniently mounted on the wall.



ELAC has achieved numerous industry accolades for engineering and sonic performance for floorstanding and bookshelf speaker design. Our engineering team used the same techniques and high standards to design the WS Series on-wall products.

WS SERIES ON-WALL SPEAKERS

Jet 5 Tweeter

Delivering true high-definition sound, ELAC's JET 5 tweeter enthalls with its lightning-fast response and wide dynamic range, offering minimal distortion, lots of headroom and a distinctly wider frequency range than conventional dome tweeters. The ELAC JET tweeter is one of the most legendary tweeters in the industry and has won international praise with its transparent and effortless sound image.

Crystal membrane midrange and bass drivers

The eye-catching surface of the crystal membrane is more than just an attractive design feature. Woofers and midrange drivers in the WS Series On-Wall employ the

Crystal Membrane (patent pending) and their design is based on ELAC's Aluminum-Sandwich AS Technology. The crystal-shaped inverse aluminum dome is joined to the paper cone in a special gluing process to result in the desired sandwich construction. Resembling the surface of a large crystal, the aluminum-foil stamping stiffens the aluminum dome, diminishing resonances and minimizing coloration, while improving power handling and dynamics.

Depth and Mounting

Due to the cabinet depth being just 84 mm and a cut out section both horizontally and vertically for cable placement the ELAC WS1645 and WS1665 can be placed with ease.



SPECIFICATIONS	WS1645	WS1665
	On-wall WS 4.5" 2-Way with Jet Tweeter	On-wall WS 4.5" 2½-Way with Jet Tweeter
Speaker Type	2-way, bass reflex	2½-way, bass reflex
Tweeter	1 x JET 5	1 x 1-inch soft dome
Midrange	n/a	115mm
Woofers	1 x 115 mm AS -XR cone	2 x 115 mm AS -XR cone
Crossover Frequency	3,400 Hz	600 / 3,600 Hz
Frequency Response	50 to 50,000 Hz	48 to 50,000 Hz
Sensitivity	88.5 dB at 2.83 v/1m	89.5 dB at 2.83 v/1m
Recommended Power	20 to 150 wpc	20 to 200 wpc
Nominal/Peak Power	70 / 100 wpc	100 / 130 wpc
Nominal Impedance	4 Ω; minimum 3.9 Ω @ 400 Hz	5 Ω; minimum 4.2 Ω @ 58 Hz
Binding Posts	5-way metal	5-way metal
Cabinet Finish	Satin white or Satin Black	Satin white or Satin Black
Accessories	Magnetic fixed fabric grill	Magnetic fixed fabric grill
Dimensions	W: 8.7" H: 15.7" D: 3.9"	W: 8.7" H: 25.6" D: 3.9"
Net Weight	10.4 lbs / 4.7 kg	17.2 lbs / 7.8 kg

- PRELIMINARY SPECIFICATIONS -



Muro™ Series Passive Sound Bars

ELAC's new passive 3-channel soundbars deliver the thrill and excitement from your favorite movies and music without the footprint of a traditional home theater speaker system. It's dedicated center speaker ensure that dialogue from your favorite TV shows and movies is always center stage, while the left and right channels deliver the performance and impact of traditional bookshelf speakers.



ELAC has achieved numerous industry accolades for engineering and sonic performance for floorstanding and bookshelf speaker design. Our engineering team used the same techniques and high standards to design the Muro Series passive soundbar products.

MURO™ SERIES PASSIVE SOUNDBAR

Silk Dome Tweeter With Deep Spheroid Waveguide

The waveguide surrounding the new ELAC high-frequency driver features a custom, deep spheroid profile to improve directivity control and efficiency.

Custom-designed woofer with aluminum cones

Aluminum cones offers a superior strength-to-weight ratio and improved damping characteristics over conventional paper or plastic drivers. This added strength means arriving at designs that achieve a broader bandwidth with smoother response.

Intricate Crossover

A custom multi-element crossover with audio-grade components is implemented to ensure smooth transition between the drivers

Painted Baffle

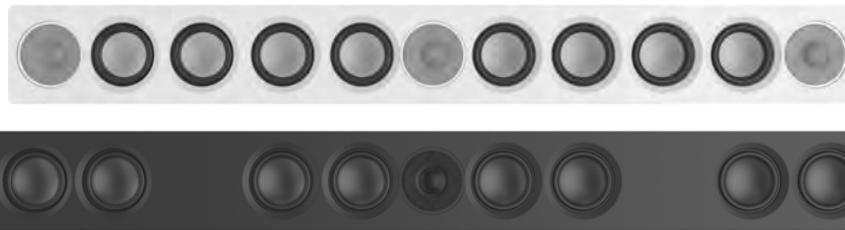
A satin black or white painted baffle gives the MURO Soundbars a luxurious look to fit into practically any decor.

2 - Different Lengths

Two different sizes ensure a good match with most TV sizes from 55" to 75"

Slim Wall Mount

The included slim wall mount ensures a great look with all décor. Wires pull through a single opening, and the soundbar can slide on the mount to center with your viewing panel.



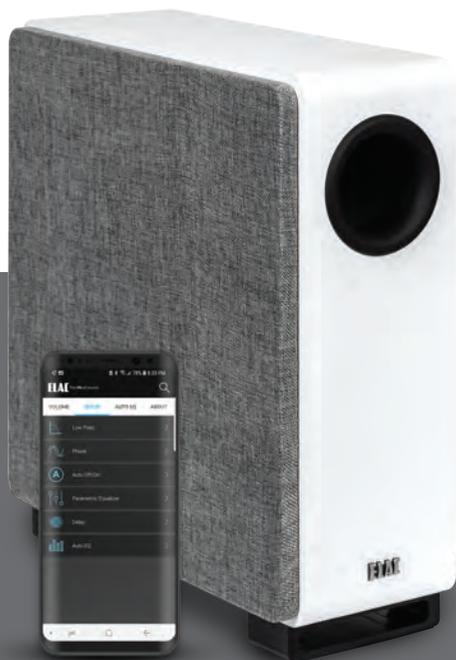
SPECIFICATIONS	MSB41S	MSB41L
	Muro Soundbar 55"	Muro Soundbar 75"
Speaker Type	Passive Radiator	Passive Radiator
Tweeter	1" Soft Dome x 3	1" Soft Dome x 3
Woofer	4" Aluminum x 8	4" Aluminum x 8
Frequency Response	75Hz - 35,000Hz	70Hz - 35,000Hz
Crossover Frequency	2,800Hz	2,800Hz
Sensitivity	86db @ 2.83 v/1m	86db @ 2.83 v/1m
Max Power Input	80 Watts	80 Watts
Nominal Impedance	6 Ohms	6 Ohms
Binding Posts	Metal Push	Metal Push
Cabinet Finishes	Satin Black or Satin White	Satin Black or Satin White
Grill	Black/Grey Magnetic	Black/Grey Magnetic
Wall Mount	Included	Included
Height / Width / Depth	H: 5 15/16" W: 50 3/16" D: 3 7/16"	H: 5 15/16" W: 60 1/2" D: 3 7/16"

- PRELIMINARY SPECIFICATIONS -



Muro™ Series Thin Floorstanding Subwoofer with Amplifier

Adding a powerful bass foundation to music and soundtracks turns your system into a sensation you can feel as well as hear. The compact design allows vertical, horizontal or on-wall placement. Sophisticated app-control and built-in wireless receiver assure seamless integration into your system.



The very thin design of this subwoofer allows it to be unobtrusive when standing up against a wall, or hidden underneath a couch etc. This makes the subwoofer versatile in its location placement to be as discrete as possible.

MURO™ SERIES THIN FLOORSTANDING SUBWOOFER

120 Watt BASH Amplifier

BASH (Bridged Amplifier Switching Hybrid) amplifiers represent a “best of both worlds” solution for subwoofer amplification, combining the sound quality of Class AB with the efficiency of Class D amplifiers.

8” High Excursion Woofer

A custom 8-inch long-throw driver provides the quality and quantity of bass that is fundamental to accurately reproducing today’s demanding movie soundtracks and music.

Advanced Bluetooth Control

Doing away with traditional analog controls, the SUB2010 subwoofer incorporate ELAC’s advanced digital control system. Simply download the ELAC SUB Control 2.0 app for your smartphone and you will have complete control. No more fumbling around the back of the subwoofer again.

AutoEQ

Utilizing the ELAC SUB Control 2.0 app and your smartphone’s microphone, the SUB2010 subwoofer will automatically equalize to your room’s characteristics using a 12-band parametric equalizer. Manual adjustment is available as well

Flexible Mounting

The SUB2010 can be setup vertically or horizontally allowing greater flexibility in placement.

AirX2 Wireless Ready

The SUB2010 has a built-in AirX2 Wireless Receiver. Simply add the optional AirX2 Transmitter to allow for even more flexible placement.



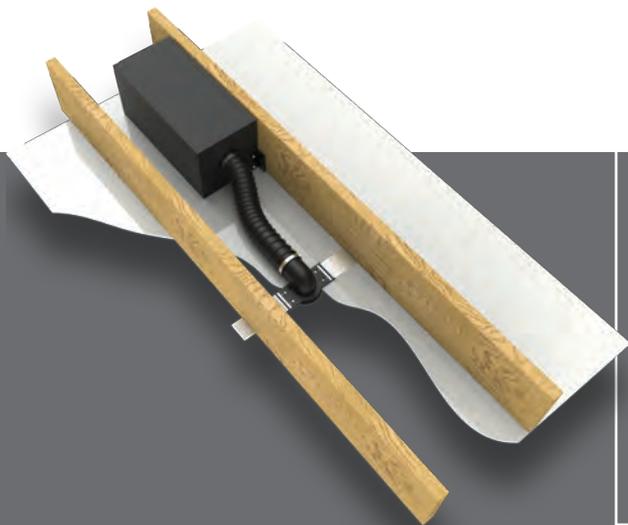
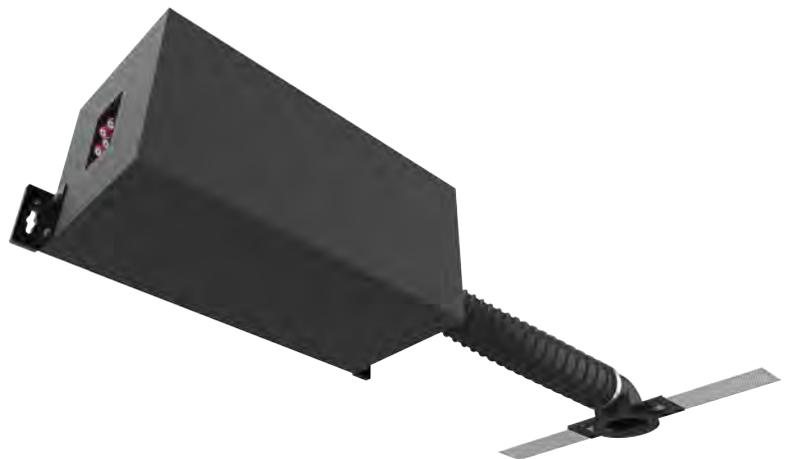
SPECIFICATIONS	SUB2010	SUB2020
	Floorstanding Muro Subwoofer 8” Wireless Subwoofer with Amplifier	Floorstanding Muro Subwoofer 10” Wireless Subwoofer with Amplifier
Woofers	8” Doped Paper Cone	10” Doped Paper Cone
Crossover Frequency	Variable (50hz - 150Hz)	Variable (50hz - 150Hz)
Frequency Response	38 to 150 Hz	35 to 150 Hz
Cabinet Finish	Black vinyl or Matte White Paint	Black vinyl or Matte White Paint
Grille	Black or Grey Fabric	Black or Grey Fabric
Power Output	125W - 250W Peak	250W - 500W Peak
Topology	Bash	Bash
Inputs	L/R/LFE/Wireless	L/R/LFE/Wireless
Standby Power Consumption	.5 Watts	.5 Watts
App Control	Yes (iOS and Android)	Yes (iOS and Android)
AutoEQ	Yes (iOS and Android)	Yes (iOS and Android)
Configurable Orientation	Vertical or Horizontal	Vertical or Horizontal
Accessories Included	Horizontal Feet, Wall Mount Brackets Owners Manual	Horizontal Feet, Wall Mount Brackets Owners Manual

- PRELIMINARY SPECIFICATIONS -



Integrator™ Series Passive In-Wall / In-Ceiling Subwoofer

Installing a subwoofer into a wall or ceiling where space is constrained can often be a challenge. Our new subwoofer takes this situation into consideration and provides a solution. With a flexible port, the 4" port opening can be integrated into the installation so the trim out matches the room aesthetics.



Our in-wall or in-ceiling subwoofer is designed to discreetly install between studs and trim out to match small aperture lighting. Low frequencies are delivered by way of one 6" woofer in a bandpass enclosure that vents out through a port opening. The end result is low frequency reinforcement in a form factor that works with interior design.

PASSIVE IN-CEILING OR IN-WALL SUBWOOFER

Flexible Port Tube

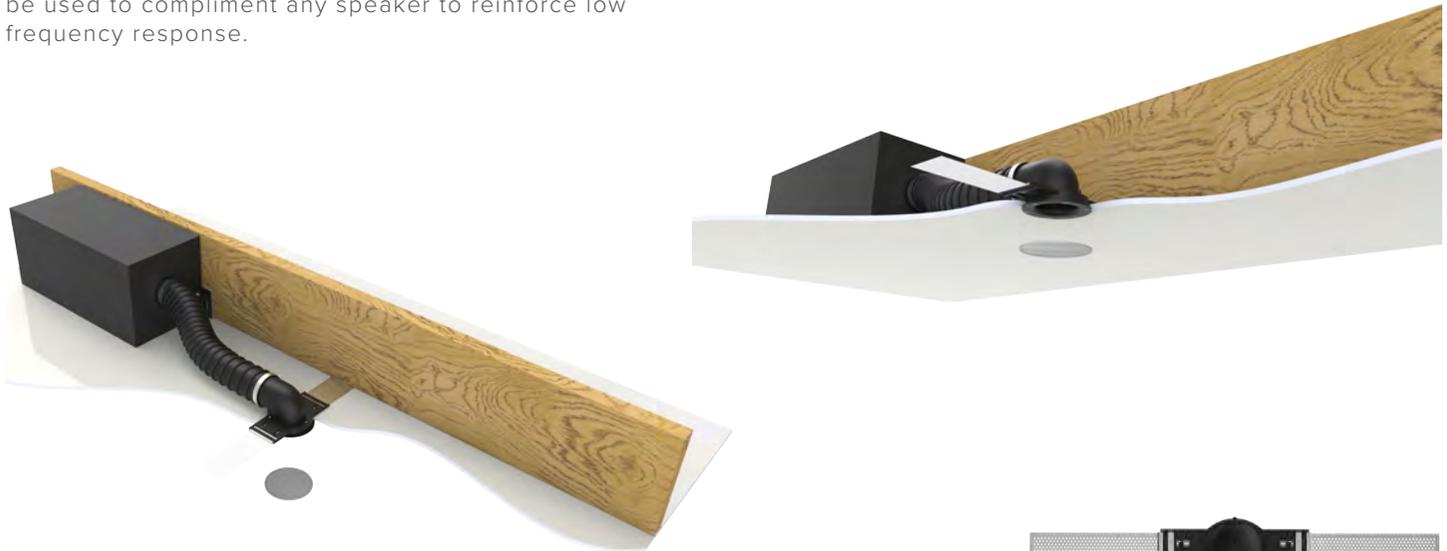
The port tube is flexible enough to allow versatile installation, but rigid enough to minimize wind turbulence which can result in port noise

6.5" Dual Voice Coil Speaker

The subwoofer includes a 6.5" dual voice coil subwoofer to deliver an incredible amount of low frequency response in a small form factor. This subwoofer is sonically matched to the IC-V31 to create a balanced system, however, can be used to compliment any speaker to reinforce low frequency response.

Installation Consideration

This Vertex subwoofer is designed to fit between standard wall studs. The port coupling ring allows for the trim out to match ELAC's IC-V31 speaker with either a round or square grill. When matched with the IC-V31 speakers in a ceiling, the installation becomes complimentary with contemporary small aperture ceiling lights.



SPECIFICATIONS		SU-VS61-BK Integrator Series Passive In-wall/Ceiling Subwoofer
Woofers		6.5" DVC
Frequency Response		35Hz – 125Hz + 3dB
Sensitivity		87 db @ 2.83V/1m
Crossover		125 Hz @ 12db per octave
Impedance		6 ohms nominal
Frequency Response		20 Hz – 20 KHz
Max Power Input		150 watts
Height		9.06 in / 230 mm
Width		19.49 in / 495 mm
Depth		9.06 in / 230 mm
Flexible Port Tube Diameter		76.2mm (3")

- PRELIMINARY SPECIFICATIONS -



Vertex™ Series 1 In-ceiling Speakers

We understand the importance of having audio to enhance a living space, with minimal aesthetic intrusion.

The easily installed Vertex Series 1 speakers utilize the same components throughout the series to ensure a perfect sonic match across the line.

Keeping with our philosophy of delivering great sound, Vertex series 1 speakers will compliment any environment.



Recognized around the world for manufacturing speakers with exceptional build quality and unmatched performance, ELAC continues to deliver with our new Vertex Series of speakers.

VERTEX™ SERIES 1 IN-CEILING SPEAKERS

Custom Silk-Dome Tweeter

Custom silk dome tweeters have been developed for low mass and smooth, extended high frequency response

Custom-designed Woofer with Polypropylene Cone

Polypropylene is employed due to its improved internal damping and smooth high frequency roll-off

Intricate Crossover

A custom multi-element crossover with audio-grade components is implemented to ensure smooth transition between the drivers

Slim Profile

A slim profile paintable magnetic grill allows for the speaker to virtually disappear in the room

Accessory Products

Optional square grill adapter is available to cosmetically match square lighting. Optional pre-construction bracket is available to aid in installation or use in ceiling tile applications.



	IC-V31-W	IC-V61-W	IC-V81-W	IC-VS61-W
SPECIFICATIONS	In-ceiling Vertex 3.8" Speaker	In-ceiling Vertex 6.5" Speaker	In-ceiling Vertex 8" Speaker	In-ceiling Vertex 6.5" Single Stereo
Speaker type	2-way, rear side open	2-way, rear side open	2-way, rear side open	2-way, rear side open
Tweeter	3/4" soft dome	1" soft dome	1" soft dome	2 x 1" soft dome
Woofer	3.8" polypropylene cone	6.5" polypropylene cone	8" polypropylene cone	6.5" polypropylene cone
Crossover frequency	3,000 Hz	3,000 Hz	2,800 Hz	3,000 Hz
Frequency response	76 to 20,000 Hz	45 to 20,000 Hz	40 to 20,000 Hz	45 to 20,000 Hz
Sensitivity	87 db at 2.83 v/1m	90 db at 2.83 v/1m	90 db at 2.83 v/1m	90 db at 2.83 v/1m
Recommended amplifier power	30 to 100 Watts	30 to 120 Watts	30 to 120 Watts	30 to 120 Watts
Nominal/peak power handling	50/80 Watts	50/120 Watts	50/120 Watts	50/120 Watts
Nominal impedance	6 Ohm	6 Ohm	6 Ohm	6 Ohm
Finish	Black baffle/White grille	Black baffle/White grille	Black baffle/White grille	Black baffle/White grille
Grille	Metal magnetic / Paintable	Metal magnetic / Paintable	Metal magnetic / Paintable	Metal magnetic / Paintable
Accessories included	Cutout template, manual	Cutout template, manual	Cutout template, manual	Cutout template, manual
Dimensions (diameter)	4.25 in / 108 mm	9.31 in / 236.5 mm	11.22 in / 285 mm	11.22 in / 285 mm
Cut-out (diameter)	4.00 in / 102 mm	8.11 in / 206 mm	10.00 in / 254 mm	8.11 in / 206 mm
Mounting depth	4.05 in / 103 mm	4.37 in / 111 mm	4.48 in / 114 mm	4.37 in / 111 mm

VERTEX™ SERIES 1 IN-WALL & THEATER IN-CEILING SPEAKERS

Custom Silk-Dome Tweeter

Custom silk dome tweeters have been developed for low mass and smooth, extended high frequency response

Custom-designed Woofer with Polypropylene Cone

Polypropylene is employed due to its improved internal damping and smooth high frequency roll-off

Intricate Crossover

A custom multi-element crossover with audio-grade components is implemented to ensure smooth transition between the drivers

Slim Profile

A slim profile paintable magnetic grill allows for the speaker to virtually disappear in the room

Accessory Products

Optional square grill adapter is available to cosmetically match square lighting. Optional pre-construction bracket is available to aid in installation or use in ceiling tile applications.



	IW-V61-W	IW-VC51-W	IC-VT61-W
SPECIFICATIONS	In-wall Vertex 6" Speaker	In-wall Vertex Centre 5" Speaker	In-ceiling Vertex Theatre 6.5" Speaker
Speaker type	2-way, rear side open	2-way, rear side open	2-way, rear side open
Tweeter	1" soft dome	1" soft dome	1" soft dome
Woofer	6.5" polypropylene cone	2 x 5.25" polypropylene cone	6.5" polypropylene cone
Crossover frequency	3,000 Hz	2,200 Hz	3,000 Hz
Frequency response	45 to 20,000 Hz	45 to 20,000 Hz	45 to 20,000 Hz
Sensitivity	90 db at 2.83 v/1m	87 db at 2.83 v/1m	90 db at 2.83 v/1m
Recommended amplifier power	30 to 120 Watts	30 to 120 Watts	30 to 120 Watts
Nominal/peak power handling	50/120 Watts	50/120 Watts	50/120 Watts
Nominal impedance	6 Ohm	6 Ohm	6 Ohm
Finish	Black baffle/White grille	Black baffle/White grille	Black baffle/White grille
Grille	Metal magnetic / Paintable	Metal magnetic / Paintable	Metal magnetic / Paintable
Accessories included	Cutout template, manual	Cutout template, manual	Cutout template, manual
Dimensions	H: 12.69 in / 322.3 mm W: 8.48 in / 215.3 mm	H: 7.4 in / 188.3 mm W: 17.7 in / 448.3 mm	Diameter 10.4 in / 265 mm
Cut-out	H: 11.61 in / 295 mm W: 7.36 in / 187 mm	H: 6.2 in / 157 mm W: 16.4 in / 417 mm	9.52 in / 242 mm
Mounting depth	3.94 in / 100 mm	3.3 in / 84 mm	6.81 in / 173 mm



Vertex™ Series 2 In-ceiling Speakers

Using the same technology and materials of the newly developed Reference speaker line, the Vertex Series 2 eloquently combine the aesthetics and pure performance.

The easily installed Vertex Series 2 speakers utilize the same components throughout the series to ensure a perfect sonic match across the line.

Keeping with our philosophy of delivering high-end audio sound, Vertex series 2 speakers will compliment any environment.



Recognized around the world for manufacturing speakers with exceptional build quality and unmatched performance, ELAC continues to deliver with our new Vertex Series of speakers.

VERTEX™ SERIES 2 IN-CEILING SPEAKERS

Custom Cloth-Dome Tweeter

Custom cloth dome tweeters have been developed for low mass and smooth, extended frequency response. Dispersion characteristics are enhanced with a unique grill design.

Custom-designed Woofer with Aluminum Cone

An aluminum cone is employed due to its rigid, light weight characteristics. This results in dynamic, accurate frequency response.

Intricate Crossover

Audio-grade crossover components are utilized in the

sophisticated crossover design, thus delivering even smoother transitions between the drivers.

Slim Profile

A slim profile paintable magnetic grill allows for the speaker to virtually disappear in the room

Accessory Products

Optional square grill adapter is available to cosmetically match square lighting. Optional pre-construction bracket is available to aid in installation or use in ceiling tile applications.



SPECIFICATIONS	IC-V62-W	IC-V82-W	IC-VT62-W
	In-ceiling Vertex 2 6" Speaker	In-ceiling Vertex 2 8" Speaker	In-ceiling Vertex 2 Theatre 6" Speaker
Speaker type	2-way, rear side open	2-way, rear side open	2-way, rear side open
Tweeter	1" cloth dome	1" cloth dome	1" cloth dome
Woofer	6.5" aluminum cone	8" aluminum cone	6.5" aluminum cone
Crossover frequency	3,000 Hz	2,800 Hz	3,000 Hz
Frequency response	45 to 20,000 Hz	40 to 20,000 Hz	45 to 20,000 Hz
Sensitivity	87 db at 2.83 v/1m	88 db at 2.83 v/1m	87 db at 2.83 v/1m
Recommended amplifier power	30 to 120 Watts	30 to 120 Watts	30 to 120 Watts
Nominal/peak power handling	50 to 120 Watts	50 to 120 Watts	50 to 120 Watts
Nominal impedance	6 Ohm	6 Ohm	6 Ohm
Finish	Soft Paint Black baffle	Soft Paint Black baffle	Soft Paint Black baffle
Grille	Metal Magnetic Paintable	Metal Magnetic Paintable	Metal Magnetic Paintable
Accessories included	Cutout template, manual	Cutout template, manual	Cutout template, manual
Dimensions (diameter)	9.31 in / 236.5 mm	11.22 in / 285 mm	10.4 in / 265 mm
Cut-out (diameter)	8.11 in / 206 mm	10.00 in / 254 mm	9.53 in / 242 mm
Mounting depth	4.37 in / 111 mm	4.48 in / 114 mm	6.81 in / 173 mm

- PRELIMINARY SPECIFICATIONS -

VERTEX™ SERIES 2 IN-WALL SPEAKERS

Custom Cloth-Dome Tweeter

Custom cloth dome tweeters have been developed for low mass and smooth, extended frequency response. Dispersion characteristics are enhanced with a unique grill design.

Custom-designed Woofer with Aluminum Cone

An aluminum cone is employed due to its rigid, light weight characteristics. This results in dynamic, accurate frequency response.

Intricate Crossover

Audio-grade crossover components are utilized in the

sophisticated crossover design, thus delivering even smoother transitions between the drivers.

Slim Profile

A slim profile paintable magnetic grill allows for the speaker to virtually disappear in the room

Accessory Products

Optional square grill adapter is available to cosmetically match square lighting. Optional pre-construction bracket is available to aid in installation or use in ceiling tile applications.



SPECIFICATIONS	IW-V62-W	IW-VC52-W
	In-wall Vertex 2 6" Speaker	In-wall Vertex 2 Centre 5" Speaker
Speaker type	2-way, rear side open	2-way, rear side open
Tweeter	1" cloth dome	1" cloth dome
Woofer	6.5" aluminum cone	2 x 5.25" aluminum cone
Crossover frequency	2,200 Hz	2,200 Hz
Frequency response	45 to 20,000 Hz	45 to 20,000 Hz
Sensitivity	87 db at 2.83 v/1m	86 db at 2.83 v/1m
Recommended amplifier power	30 to 120 Watts	30 to 120 Watts
Nominal/peak power handling	50/120 Watts	50/120 Watts
Nominal impedance	6 Ohm	6 Ohm
Finish	Soft Paint Black baffle	Soft Paint Black baffle
Grille	Metal magnetic / Paintable	Metal magnetic / Paintable
Accessories included	Cutout template, manual	Cutout template, manual
Dimensions	H: 12.69 in / 322.3 mm W: 8.48 in / 215.3 mm D: 4.04 in / 102.5 mm	H: 7.4 in / 188.3 mm W: 17.7 in / 448.3 mm D: 3.4 in / 85.6 mm
Cut-out	H: 11.61 in / 295 mm W: 7.36 in / 187 mm	H: 6.2 in / 157 mm W: 16.4 in / 417 mm
Mounting depth	3.94 in / 100 mm	3.3 in / 84 mm

- PRELIMINARY SPECIFICATIONS -



Vertex™ Series 3 In-ceiling Speakers

Using the same technology and materials of the highly-acclaimed Vela speaker line, the Vertex Series 3 combines the aesthetics of an architectural speaker with the performance and dynamics of the Vela series.

The easily installed Vertex Series 1 speakers utilize the same components throughout the series to ensure a perfect sonic match across the line.

Keeping with our philosophy of our famous Jet tweeter sound, Vertex series 3 speakers will compliment any environment.



Recognized around the world for manufacturing speakers with exceptional build quality and unmatched performance, ELAC continues to deliver with our new Vertex Series of speakers.

VERTEX™ SERIES 3 IN-CEILING SPEAKERS

JET Folded Air-Motion-Transformer and Deep Spheroid Waveguide

Delivering true high-definition sound, ELAC's JET tweeters enthrall with its lightning-fast response and wide dynamic range, offering minimal distortion and lots of headroom. A Deep Spheroid Waveguide is used to improve directivity control and efficiency.

Custom-designed Crystal Membrane Aluminum Woofer

ELAC's unique Crystal Membrane woofer is extremely rigid, yet light weight. This woofer is specifically designed to keep up with the speed of the JET Tweeter while delivering detail in low frequency response.

Intricate Crossover

The combined performance of the speakers demands a more complex crossover so that the speakers maintain their audiophile legacy. Audio-grade components are used so that there is no compromise in performance.

Slim Profile

A slim profile paintable magnetic grill allows for the speaker to virtually disappear in the room.



SPECIFICATIONS	IC-V63-W	IC-V83-W	IC-VT63-W
	In-ceiling Vertex 3 6" Speaker	In-ceiling Vertex 3 8" Speaker	In-ceiling Vertex 3 Theatre 6" Speaker
Speaker type	2-way, rear side open	2-way, rear side open	2-way, rear side open
Tweeter	Jet Folded Ribbon	Jet Folded Ribbon	Jet Folded Ribbon
Woofer	6.5" Crystal Aluminum Cone	8" Crystal Aluminum Cone	6.5" Crystal Aluminum Cone
Crossover frequency	2,700 Hz	2,700 Hz	2,700 Hz
Frequency response	45 to 30,000 Hz	40 to 30,000 Hz	45 to 30,000 Hz
Sensitivity	87 db at 2.83 v/1m	88 db at 2.83 v/1m	87 db at 2.83 v/1m
Recommended amplifier power	30 to 120 Watts	30 to 150 Watts	30 to 120 Watts
Nominal/peak power handling	50/80 Watts	50/120 Watts	50/120 Watts
Nominal impedance	6 Ohm	6 Ohm	6 Ohm
Finish	Black baffle/White grille	Black baffle/White grille	Black baffle/White grille
Grille	Metal magnetic / Paintable	Metal magnetic / Paintable	Metal magnetic / Paintable
Accessories included	Cutout template, manual	Cutout template, manual	Cutout template, manual
Dimensions (diameter)	9.31 in / 236.5 mm	11.22 in / 285 mm	10.4 in / 265 mm
Cut-out (diameter)	8.11 in / 206 mm	10.00 in / 254 mm	9.53 in / 242 mm
Mounting depth	4.37 in / 111 mm	4.48 in / 114 mm	6.81 in / 173 mm

- PRELIMINARY SPECIFICATIONS -

VERTEX™ SERIES 3 IN-WALL SPEAKERS

JET Folded Air-Motion-Transformer and Deep Spheroid Waveguide

Delivering true high-definition sound, ELAC's JET tweeters enthrall with its lightning-fast response and wide dynamic range, offering minimal distortion and lots of headroom. A Deep Spheroid Waveguide is used to improve directivity control and efficiency.

Custom-designed Crystal Membrane Aluminum Woofer

ELAC's unique Crystal Membrane woofer is extremely rigid, yet light weight. This woofer is specifically designed to keep up with the speed of the JET Tweeter while delivering detail in low frequency response.

Slim Profile

A slim profile paintable magnetic grill allows for the speaker to virtually disappear in the room.

Intricate Crossover

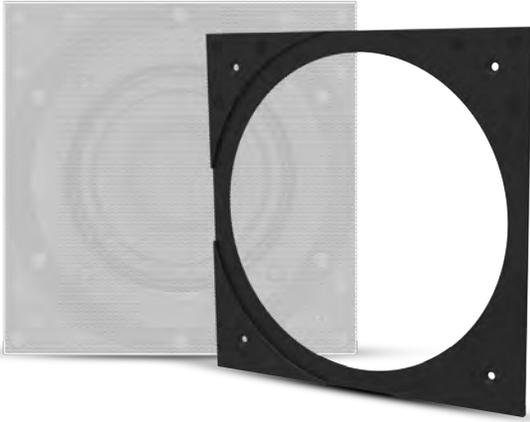
The combined performance of the speakers demands a more complex crossover so that the speakers maintain their audiophile legacy.

Audio-grade components are used so that there is no compromise in performance.



SPECIFICATIONS	IW-V63-W	IW-VC53-W	IW-VLCR53-W
	In-wall Vertex 3 6" Speaker	In-wall Vertex 3 5" Center Speaker	In-wall Vertex 3 5" Cinema Speaker
Speaker type	2-way, rear side open	2-way, rear side open	2-way, rear side open
Tweeter	Jet Folded Ribbon	Jet Folded Ribbon	Jet Folded Ribbon
Woofer	6.5" Crystal Aluminum Cone	2 x 5 1/4" Crystal Aluminum Cone	4 x 5 1/4" Crystal Aluminum Cone
Crossover frequency	2,200 Hz	2,200 Hz	2,200 Hz
Frequency response	45 to 20,000 Hz	45 to 20,000 Hz	40 to 20,000 Hz
Sensitivity	87 db at 2.83 v/1m	90 db at 2.83 v/1m	90 db at 2.83 v/1m
Recommended amplifier power	30 to 100 Watts	30 to 120 Watts	30 to 120 Watts
Nominal/peak power handling	50/80 Watts	50/120 Watts	50/120 Watts
Nominal impedance	6 Ohm	6 Ohm	6 Ohm
Finish	Black baffle/White grille	Black baffle/White grille	Black baffle/White grille
Grille	Metal magnetic / Paintable	Metal magnetic / Paintable	Metal magnetic / Paintable
Accessories included	Cutout template, manual	Cutout template, manual	Cutout template, manual
Dimensions	H: 12.69 in / 322.3 mm W: 8.48 in / 215.3 mm	H: 7.4 in / 188.3 mm W: 17.7 in / 448.3 mm	H: 33.7 in / 856.2 mm W: 9.92 in / 252 mm
Cut-out	H: 11.61 in / 295 mm W: 7.36 in / 187 mm	H: 6.2 in / 157 mm W: 16.4 in / 417 mm	H: 32.44 in / 824 mm W: 8.65 in / 219.8mm
Mounting depth	3.94 in / 100 mm	3.3 in / 84 mm	3.68 in / 93.5 mm

- PRELIMINARY SPECIFICATIONS -



IC-SQ31	
Square grille adapter for VERTEX 3.8" In-Ceiling Speakers	
Dimensions W x H	113.8 mm (4.48") x 113.8 mm (4.48")

IC-SQ61	
Square grille adapter for VERTEX 6.5" In-Ceiling Speakers	
Dimensions W x H	236.3 mm (9.3") x 236.3 mm (9.3")

IC-SQ81	
Square grille adapter for VERTEX 8" In-Ceiling Speakers	
Dimensions W x H	286.3 mm (11.27") x 286.3 mm (11.27")



IC-IK31	
Pre-Construction Bracket for VERTEX 3.8" In-Ceiling Speakers	
Dimensions (Diameter)	106.2 mm (4.18")

IC-IK61	
Pre-Construction Bracket for VERTEX 6.5" In-Ceiling Speakers	
Dimensions (Diameter)	208.7 mm (8.22")

IC-IK81	
Pre-Construction Bracket for VERTEX 8" In-Ceiling Speakers	
Dimensions (Diameter)	257.7 mm (10.15")

ELAC *The life of sound.*

Additional Products Of Our Family



Concentro



Vela



Navis



Carina



Debut Reference



Discovery



Connect



Z3



WiFi Amp



Alchemy



SUB2090



SUB3070



SUB2050



SUB2030



SUB3030



SUB3010



SUB10.2



SUB8.2



SUB2010



SUB2020

