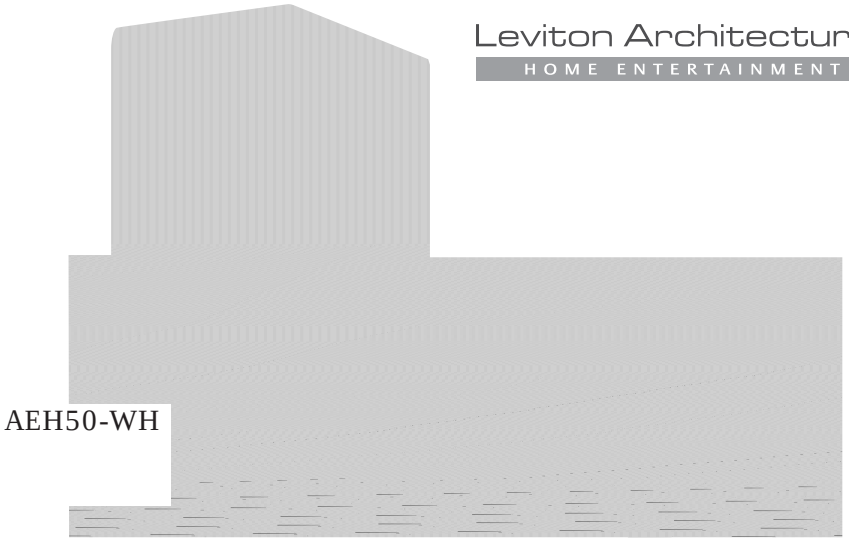
Specification Bulletin

AEH50-BL, AESS5-BL,
AEH50-WH, AESS5-WH,
AEPHK-WH, AEPHK-BL

Leviton Architectural Edition™
HOME ENTERTAINMENT SYSTEMS
powered by JBL®



AEH50-WH

Leviton Architectural Edition™ powered by JBL On-Wall Home Cinema Speaker System

A complete multi-channel surround-sound speaker system with powered subwoofer designed to reproduce all the digital realism and performance of today's video soundtracks.

When specifications call for both audio performance and installation flexibility, Leviton and JBL have teamed up to create a unique solution: the AEH50 Surround-Sound Home Cinema Speaker System with 100 Watt Powered Subwoofer. Based on the same technologies and features that made JBL the speaker of choice for film recording professionals and movie theater designers, the AEH50 engineers them into an easy-to-live-with form factor that works in any living and listening environment.

The AEH50 Cinema Speaker System's two-way satellite speakers take their performance cues from JBL's renowned family of studio monitors, delivering smooth, accurate sound coverage throughout the viewing area. The powered subwoofer is engineered to generate full-frequency realism, providing the powerful bass foundation required to faithfully reproduce today's special-effects-rich film soundtracks.

The System is a 5-channel surround-sound package that can easily be upgraded to 6- and 7-channel operation for 6.1 or 7.1 surround-sound operation with the optional matched AESS5 Expansion Satellite Speaker. The system uses standard audio wiring topology, with satellites connected directly to the AV receiver's speaker terminals and the subwoofer system connected to the receiver's SUB OUT or LFE OUT jacks. The AEH50 is compatible with the full range of surround, speaker and EQ modes available in today's AV receivers.

APPLICATIONS

An extremely versatile performer, the AEH50 Home Cinema Speaker System is ideal for use in any application where—because of room space or functional considerations—an in-wall/in-ceiling installed home theater speaker solution is impractical but full performance is desired. The satellites can be mounted on walls or ceilings to open up as much living space as possible. Video magnetic shielding means that the satellites can be located right next to a TV screen without causing any problems.

1. Asymmetric "problem" rooms—the prime example is in new home construction where the fireplace is central to the living room while the TV/entertainment center location is off in a corner. While this type of layout prohibits in-wall speakers from being used, the AEH50 can be utilized in many cases to set-up a perfectly balanced listening area in relation to both TV and seating locations, usually at a 45-degree angle to the listening room.

2. Secondary theater rooms—many homeowners want home theater in other locations, including master bedrooms and kids' rooms. The AEH50's low-profile design and installation flexibility make it an ideal solution for that situation.

Leviton Architectural Edition powered by JBL On-Wall Home Cinema Speaker System

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LEVITON®
Building a Connected World

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Specification Bulletin

FEATURES

AEH50 Home Cinema Speaker System

- Five-channel system that's expandable to 6.1 and 7.1 surround-sound operation with the addition of optional AESS5 satellite speaker(s)
- Includes 5 architectural-grade adjustable mounting brackets
- Includes subwoofer input RCA cable
- Available in white or black finish

AESS5 Expansion Satellite Speaker for Cinema Speaker System

- Includes 1 architectural-grade adjustable mounting bracket

AEPHK Adapter Wallplate for JBL Satellite Speaker

- Includes Mounting hardware (Wallplate screws and thread cutting screws for bracket to wallplate mounting)
- Available in black and white finish

SPECIFICATIONS

AEH50 Home Cinema Speaker Speaker System

Speaker complement:

- Five 2-way magnetically-shielded satellite speakers with high-output 2.5 in (63.5 mm) woofer and precision .5 in (12.7 mm) tweeter
- One 8 inch (200 mm) 100 Watt powered subwoofer with LFE input, adjustable level control, and built-in crossover network for use with speaker-level outputs

Enclosure type:	Bass-reflex with FreeFlow™ flared port
Recommended power range:	10- 100 Watts
Subwoofer Frequency Response (+/- 3dB):	35 Hz-160 Hz
Subwoofer Crossover Frequency:	120 Hz, 24 dB/octave with LFE/Normal switch in NORMAL position
Satellite Frequency Response (+/- 3dB):	150 Hz- 20 kHz
Satellite Speaker Sensitivity (2.83V/1m):	86 dB
Satellite Impedance:	Nominal 8 Ohms

Physical Dimensions and Weight:

Subwoofer	
Height:	16.25 in (413 mm)
Width:	11 in (279 mm)
Depth:	13.75 in (349 mm)
Weight:	28 lb/12.7 kg
Satellite Speaker	
Height:	5 in (127 mm)
Width:	3.5 in (88 mm)
Depth:	3.5 in (88 mm)
Weight:	1.8 lb/0.8 kg per speaker

AESS5 Expansion Satellite Speaker

- One 2-way magnetically-shielded satellite speaker with high-output 2.5 in (63.5 mm) woofer and precision .5 in (12.7 mm) tweeter

Recommended power range:	10- 100 Watts
Frequency Response (+/- 3dB):	150 Hz- 20 kHz
Speaker Sensitivity (2.83V/1m):	86 dB
Impedance:	Nominal 8 Ohms

Physical Dimensions and Weight:

Height:	5 in (127 mm)
Width:	3.5 in (88 mm)
Depth:	3.5 in (88 mm)
Weight:	1.8 lb/0.8 kg per speaker

AEPHK Adapter Wallplate for JBL Satellite Speaker

Decorative Satellite Speaker adapter wallplate:

- Single Gang Wallplate

Physical Dimensions and Weight:

Height:	4.5 in (114 mm)
Width:	2.75 in (70 mm)
Depth:	.25 in (6 mm)
Weight:	1 oz./0.3 kg

ORDERING INFORMATION

CAT. NO.	DESCRIPTION
AEH50-BL	AEH50 5-Channel Surround-Sound Home Cinema Speaker System with 100 Watt Powered Subwoofer and 5 Satellite Speakers-Black
AESS5-BL	Optional AEH50 System matched Satellite Speaker for 6- and 7-channel operation for 6.1 or 7.1 surround-sound operation-Black
AEH50-WH	AEH50 5-Channel Surround-Sound Home Cinema Speaker System with 100 Watt Powered Subwoofer and 5 Satellite Speakers-White
AESS5-WH	Optional AEH50 System matched Satellite Speaker for 6- and 7-channel operation for 6.1 or 7.1 surround-sound operation-White
AEPHK-BL	Optional JBL Satellite Speaker Adapter Wallplate-Black
AEPHK-WH	Optional JBL Satellite Speaker Adapter Wallplate-White

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Note: Features and specifications subject to change
Patents Pending

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