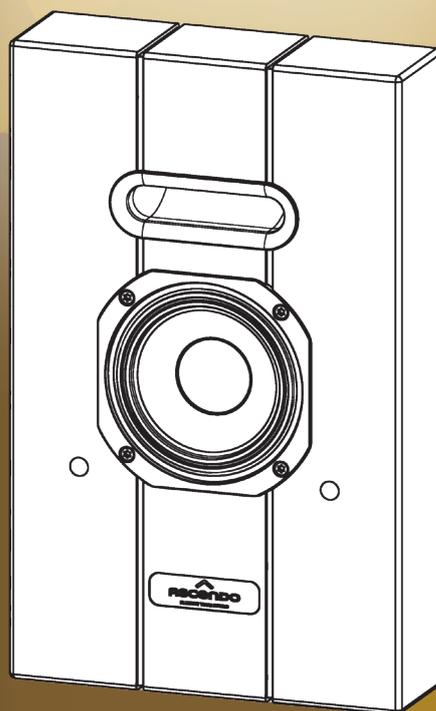


# ASCENDO

ELEVATE YOUR SOUND

## THE **5** **PASSIVE** ON WALL



### OPERATION MANUAL

# THE 5 PASSIVE ON WALL

## Contents

1 IMPORTANT SAFETY INSTRUCTIONS .....	2
2 PACKAGE CONTENTS .....	3
3 SPEAKER PLACEMENT .....	4
4 CONNECTIONS .....	6
5 CARING FOR YOUR PRODUCT .....	7
6 SPECIFICATIONS .....	7
7 DIMENSIONS .....	8
8 DOCUMENTS / RESOURCES.....	8

## IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Clean only with a dry cloth.
6. Install this apparatus in accordance with the manufacturer's instructions.
7. Do not install this apparatus near any heat sources such as radiators, heat registers, stoves or other apparatus.
8. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, or the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.

## DISPOSAL

Correct disposal of this product (Waste Electrical & Electronic Equipment) This symbol means the product must not be discarded as household waste and should be delivered to an appropriate collection facility for recycling. Proper disposal and recycling help protect natural resources, human health, and the environment. For more information on disposal and recycling of this product, contact your local municipality, disposal service, or the shop where you bought this product.

## RoHS

This product is RoHS compliant. This product is in compliance with Directive 2011/65/EU, and its amendments, on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

## REACH

REACH (Regulation No 1907/2006) addresses the production and use of chemical substances and their potential impacts on human health and the environment. Article 33(1) of REACH Regulation requires suppliers to inform the recipients if an article contains more than 0.1 % (per weight per article) of any substance(s) on the Substances of

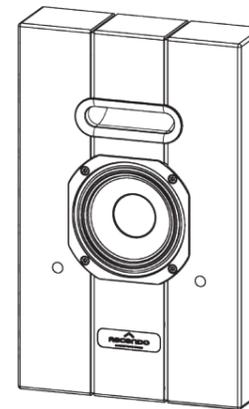
Very High Concern (SVHC) Candidate List ('REACH candidate list'). At the time of release of this product, no substances of REACH candidate list are contained in a concentration of more than 0.1% per weight in this product.

## THANK YOU FOR CHOOSING ASCENDO IMMERSIVE AUDIO.

For more than 24 Years, ASCENDO has been involved in music reproduction. We are confident that the AIA product you have chosen will provide every note of enjoyment that you expect.

Please take a moment to register your product on our website at [www.aia-cinema.com](http://www.aia-cinema.com). This enables us to keep you posted on our latest advancements and helps us to better understand our customers and build products that meet their needs and expectations. All features and specifications are subject to change without notice.

## PACKAGE CONTENTS



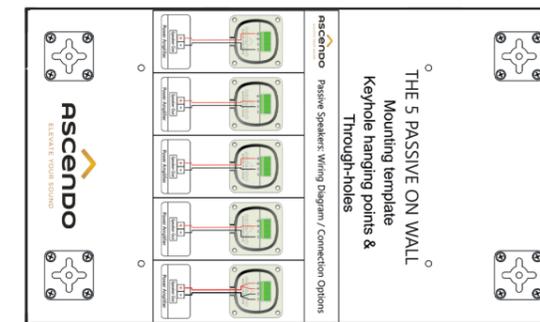
1 x The5  
PASSIVE  
ON WALL



1 x Grille



1 x Quick Start Guide



1xDrillingTemplate



## CONNECTIONS

Speakers and electronics have corresponding (+) and (-) terminals. Most manufacturers of speakers and electronics, use red to denote the (+) terminal and black for the (-) terminal. It is important to connect both terminals identically: (+) on the speaker to (+) on the amplifier, and (-) on the speaker to (-) on the amplifier.

This connection ensures, that all speakers work in unison and make a forward movement if a positive signal is applied and move backward when a negative signal is applied.

It is important to connect all speakers identically: (+) on the speaker to (+) on the amplifier and (-) on the speaker to (-) on the amplifier. Wiring any one speaker "out of phase" (+ to - and - to +) to other speakers in the system results in thin sound, weak bass and poor imaging. With the advent of multichannel surround sound systems, connecting all the speakers in your system with the correct polarity remains equally important to preserve the proper ambience and directionality of the program material.

THE5 PASSIVE ON WALL uses both (+) (+) and (-) (-) for its connection, please see image for possible connecting options. Both (+) (+) and (-) (-) are internally connected.

The (+) terminal of the dedicated amplifier channel must be connected to the (+) terminal(s) of the speaker as the (-) terminals of the amp need to be connected to the (-) terminal(s) of the speaker.

In this wiring configuration, the amplifier will be presented with a nominal 8 Ohms speaker load.

THE5 PASSIVE ON WALL is specifically designed for use in conjunction with low noise amplifiers where the residual noise floor of the amplifier should be below 40µV.

Connect your main receiver or processor's output to the line-level input on your amplifier.

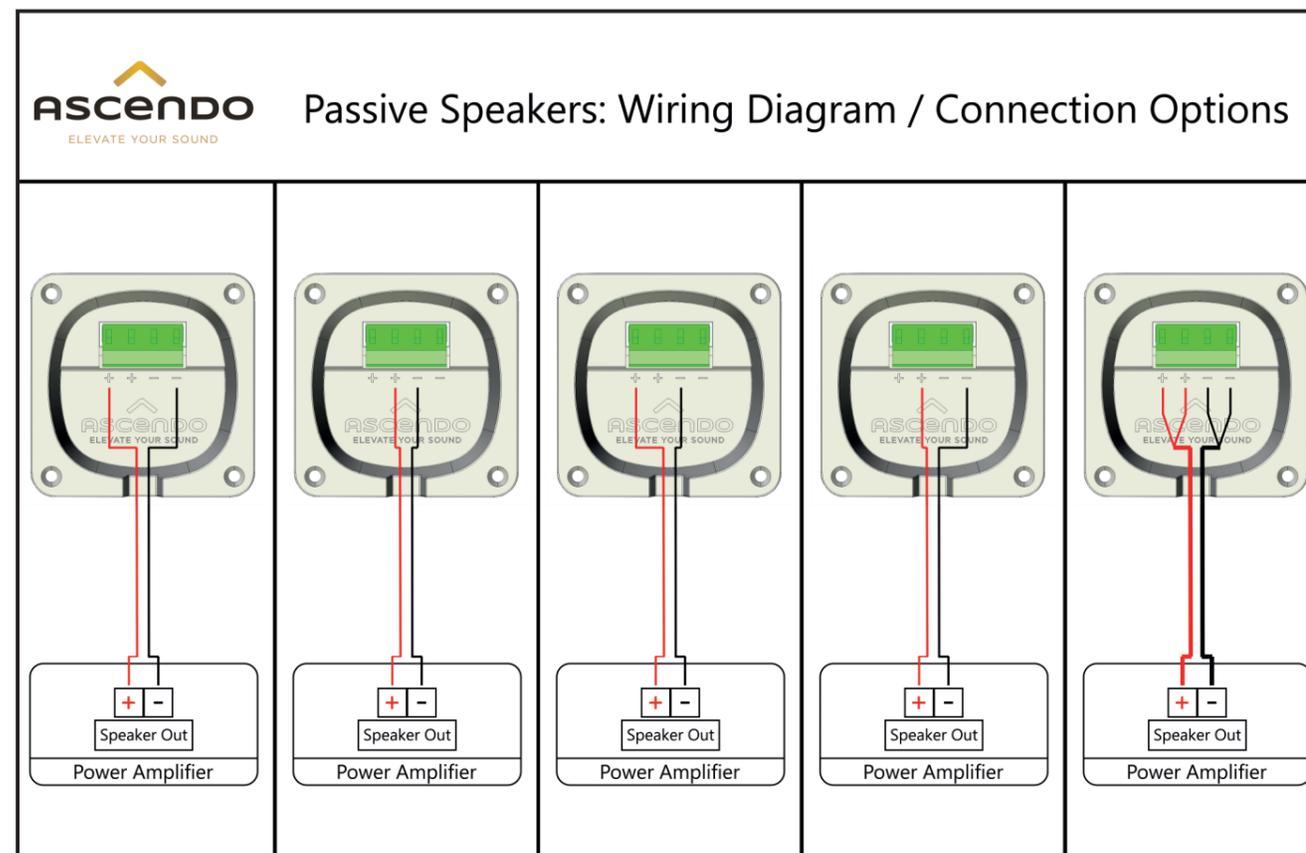
### CONNECTING THE SPEAKERS TO AMPLIFICATION

To connect THE5 PASSIVE ON WALL loudspeakers to power amplifier(s) or receiver, use two-conductor insulated speaker wire. Wire length Recommended Size.

Up to 40 ft (12m) 14-gauge

Up to 60 ft (20m) 12-gauge

THE5 PASSIVE ON WALL push on phoenix connectors can accommodate up to #12 AWG stranded wire.



## CARING FOR YOUR PRODUCT

Wipe the cabinet with a clean, dry cloth to remove dust. A damp cloth may dull the cabinet's finish. Do not use volatile liquids such as benzene, paint thinner or alcohol on the cabinet.

Do not spray insecticide near the cabinet.

To remove dust from the grille fabric, use a vacuum cleaner, soft brush and set to low suction.

Do not wash the grille in water, as water may fade the grille's color or make it uneven.

If the surface of the woofer cone becomes dusty you can carefully sweep it clean with a soft, dry calligraphy brush or paint brush or low air pressure. Do not use a damp cloth.

## SPECIFICATIONS

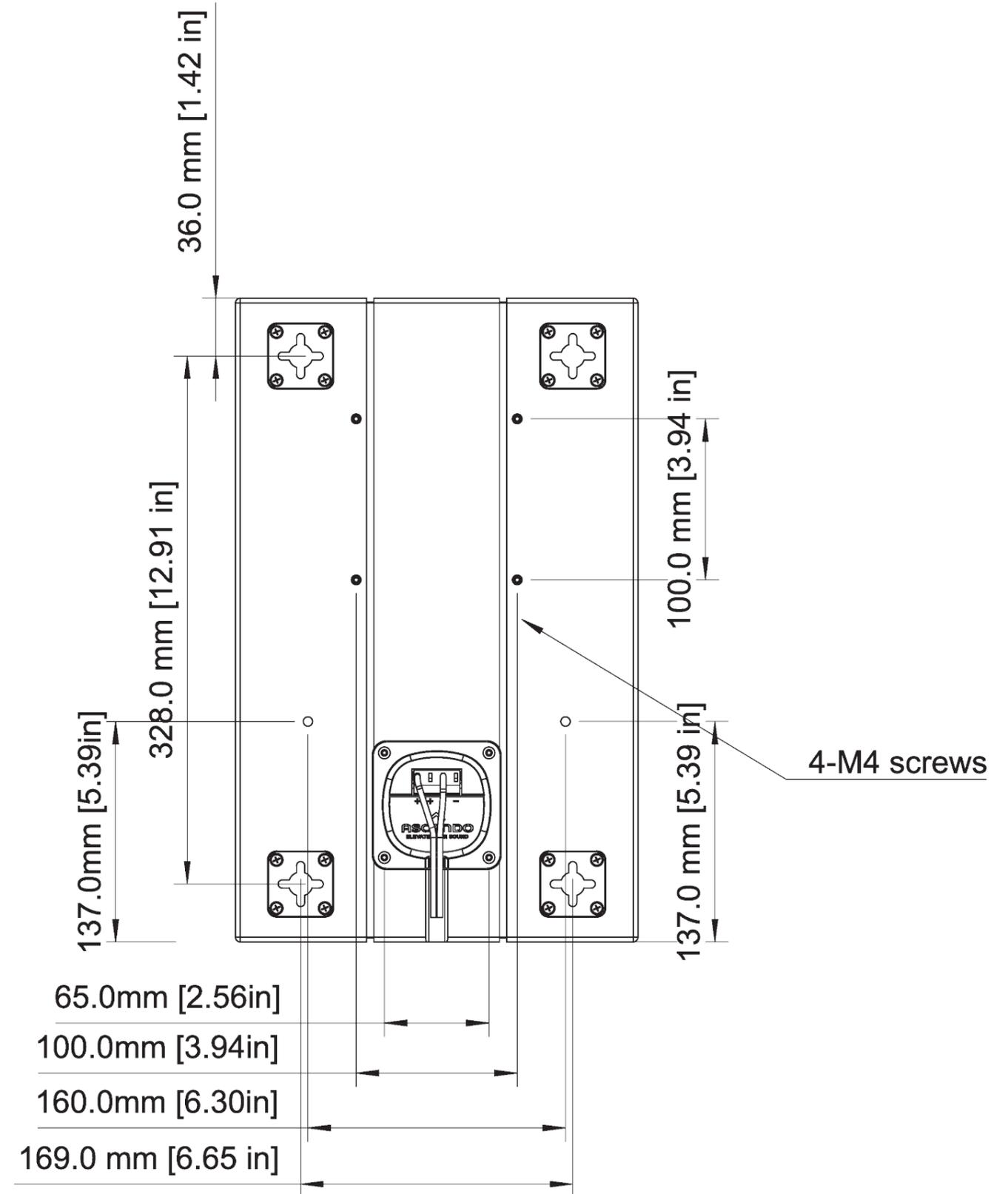
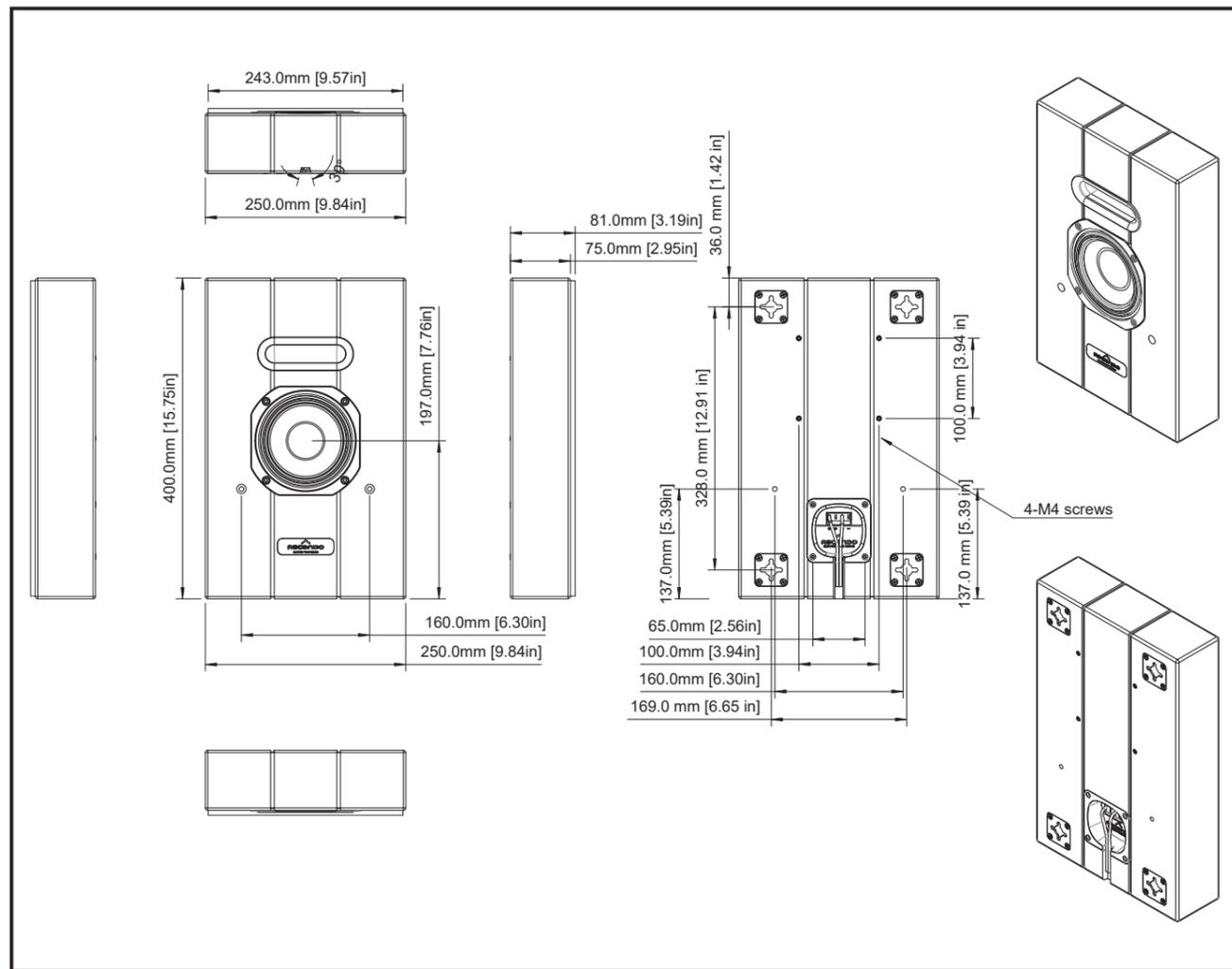
Modell	THE5 PASSIVE ON WALL
Speaker Type	5 1/4" Time coherent point-source coaxial
Passive   Active	Passive
Principle	Vented
SPL	Calculated data 105 dB cont. / 108 dB peak
Frequency range	Calculated data 90 Hz - 20 kHz / -3dB
Efficiency	89 dB / 1W/m
Power handling	100 W
Nominal Impedance	8 Ω
Woofer	5 1/5"
Tweeter	1" soft dome tweeter
Directivity horizontal x vertical in Deg°	90° x 90°
Input Terminal	One 4-conductor Phoenix 12 AWG (3,3 mm²) push on binding post
Enclousure	MDF
Dimensions (W/H/D) mm	250 / 400 / 75
Dimensions (W/H/D) inch	9,84 / 15,75 / 2,95
Packing dimensions (W/H/D) mm	360 / 500 / 180
Packing dimensions (W/H/D) inch	14,17 / 19,69 / 7,09
Weight	8,82 lbs   4 kg
Gross Weight	12,13 lbs   5,5 kg
Finish	Matte black and glossy white
Mounting	4 x wall mount brackets for horizontal and vertical installation + VESA 100 x 100 mounting points + 2 through holes for direct wall or ceiling mounting

The THE5 PASSIVE ON WALLI is supplied with a front cover as standard

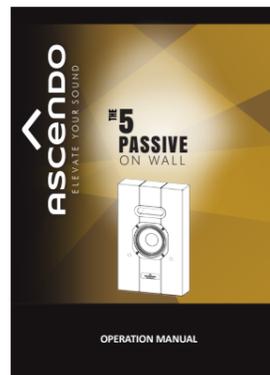
Technical modifications subject to change without further notice

# DIMENSIONS

THE5 PASSIVE ON WALL



# DOCUMENTS RESOURCES



ASCENDO\_THE5 PASSIVE ON WALL (pdf)

  
**ASCENDO**  
ELEVATE YOUR SOUND



CE

**ASCENDO Immersive Audio GmbH**

Adlerstrasse 2, Gebäude C, EG

D-91560 Heilsbronn · Germany

Tel.: +49 9872 9 537 157 · [www.aia-cinema.com](http://www.aia-cinema.com)

