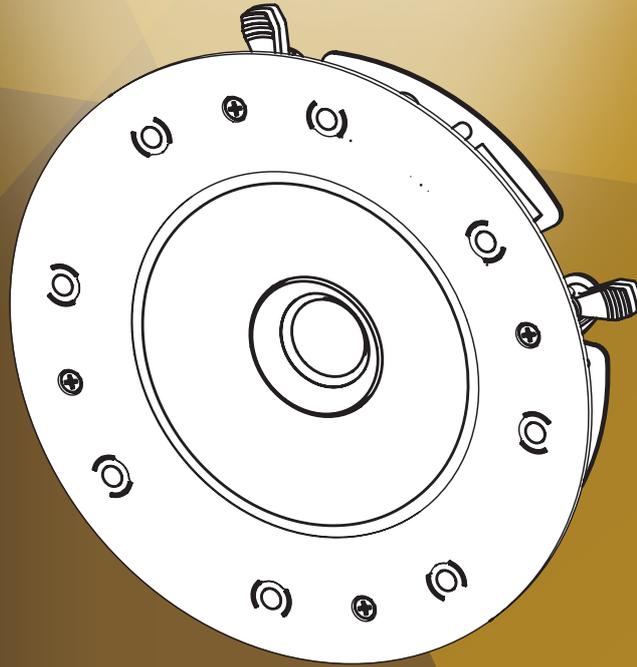


ASCENDO

ELEVATE YOUR SOUND

**THE 6 PRO
PASSIVE
CEILING**



OPERATION MANUAL

THE 6 PRO PASSIVE CEILING

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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

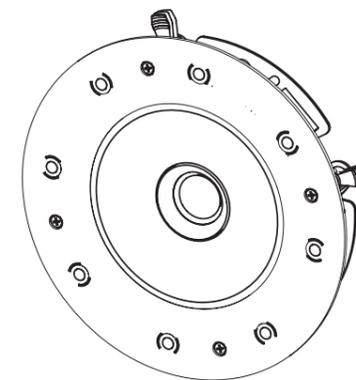
Very High Concern (SVHC) Candidate List ('REACH candidate list'). At the time of release of this product, no substances of REACH candidate list are contained in a concentration of more than 0.1% per weight in this product.

THANK YOU FOR CHOOSING ASCENDO IMMERSIVE AUDIO.

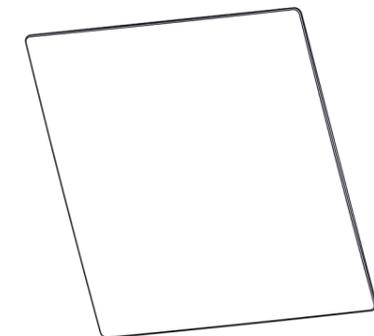
For more than 24 Years, ASCENDO has been involved in music reproduction. We are confident that the AIA product you have chosen will provide every note of enjoyment that you expect.

Please take a moment to register your product on our website at www.aia-cinema.com. 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



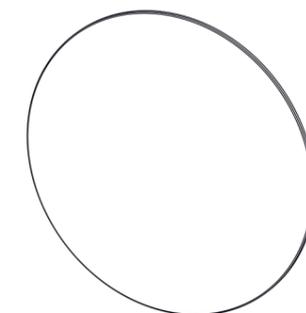
1 x The6
Pro PASSIVE
Ceiling



1 x Grille Square



1 x Quick Start Guide



1 x Grille Round

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.

The6 PRO PASSIVE CEILING uses one +/- input for the speaker even though two + and - terminals are present. For driving The6 PRO PASSIVE CEILING from a single amplifier channel, the Input (A) is used. The (+) terminal of the amplifier should connect to (+) input terminals of the The6 PRO PASSIVE CEILING. The (-) terminal of the amplifier should be connected to the (-) terminal. In this wiring configuration, the amplifier will be presented with a 4 Ohm load.

The6 PRO PASSIVE CEILING 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

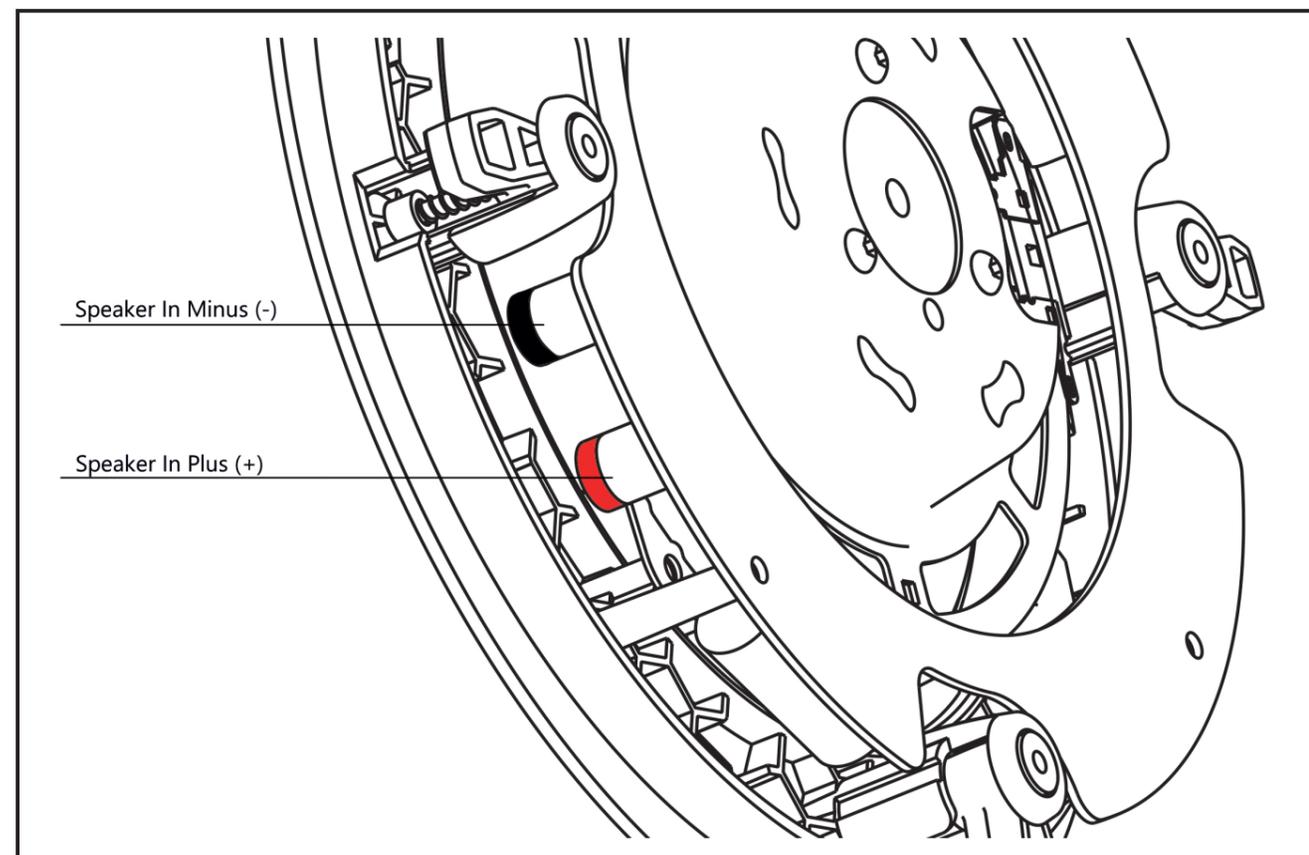
To connect The6 PRO PASSIVE CEILING loudspeakers to power amplifier(s) or receiver, use two-conductor insulated speaker wire.

Wire length Recommended Size

Up to 40 ft. (12m) 14-gauge

Up to 60 ft. (20m) 12-gauge

THE6 PRO PASSIVE CEILING binding posts can accommodate up to #14 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.

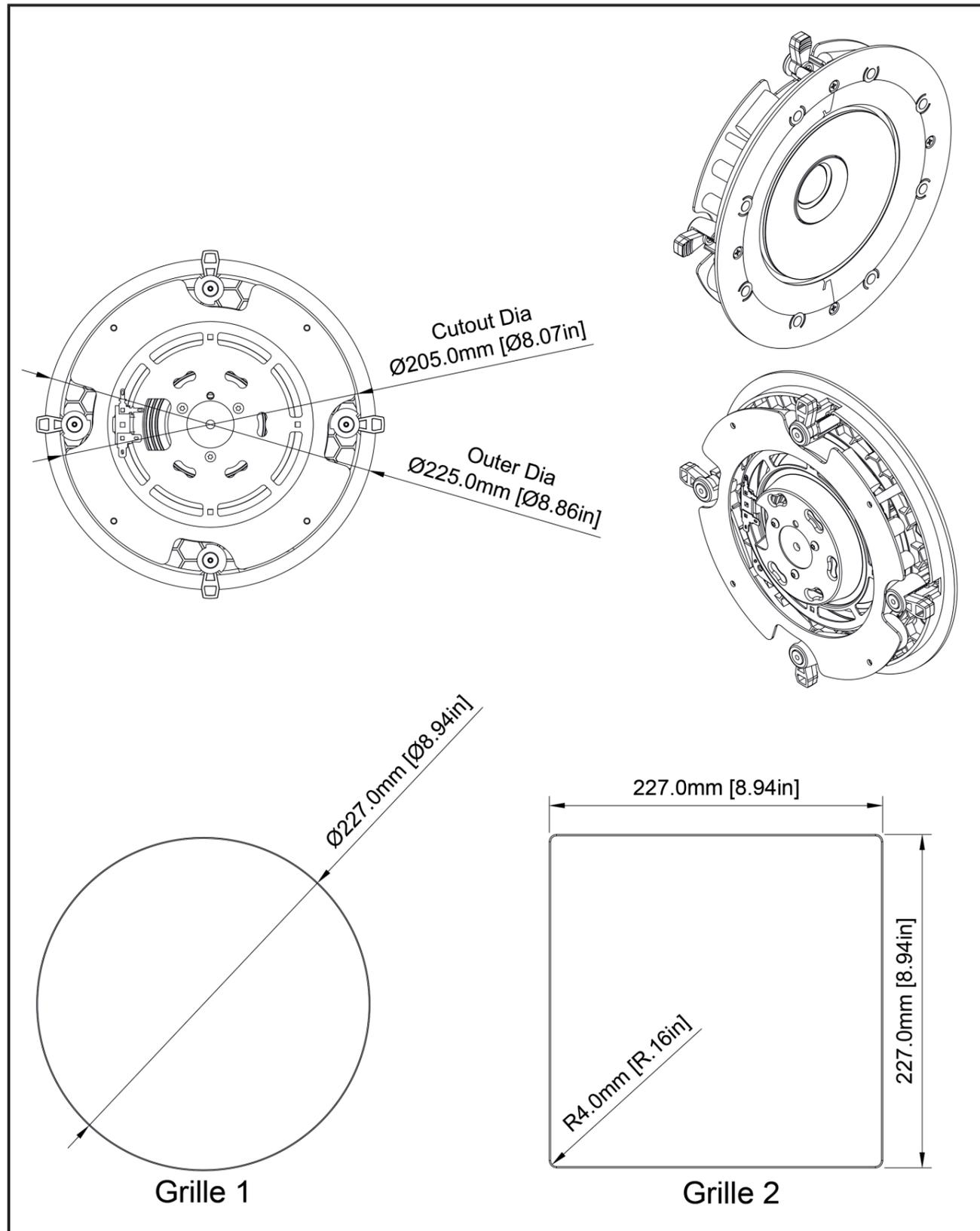
SPECIFICATIONS

Modell	The6 PRO PASSIVE CEILING
Speaker Type	Time coherent 6,5" coax point-source
Passive Active	Passive
Use case	In ceiling
SPL	Measurement Data 109 dB peak
Frequency Range	Measurement Data 84 Hz - 20 kHz / -3dB
Efficiency	89 dB / 1W/m
Power handling	100 W
Impedance	4 Ω
Motor	Woofer and tweeter: Neodymium
Woofer	6,5" carbon sandwich
Tweeter	1" Soft dome
Dispersion pattern in Deg°	90°
Input Terminal	Push on terminals up to AWG14 (2,5mm)
Diameter mm / inch	225 / 8,86
Cut out diamter mm / inch	205 / 8,07
Mounting depth mm / inch	4,29 / 1,69
Grille 1 diamter mm / inch	227 / 8,94
Grille 2 dimensions (W/D) mm / inch	(227 / 227) - (8,94 / 8,94)
Packing dimensions (W/H/D) mm / inch	(328 / 60 / 243) - (12,91 / 2,36 / 9,57)
Weight	1,1 kg 2,43 lbs
Gross Weight	1,35 kg 2,98 lbs
Grille mounting	Magnetic
Grilles finish	White, can be overpainted
Mounting	Dogfeet clamps

Technical modifications subject to change without further notice

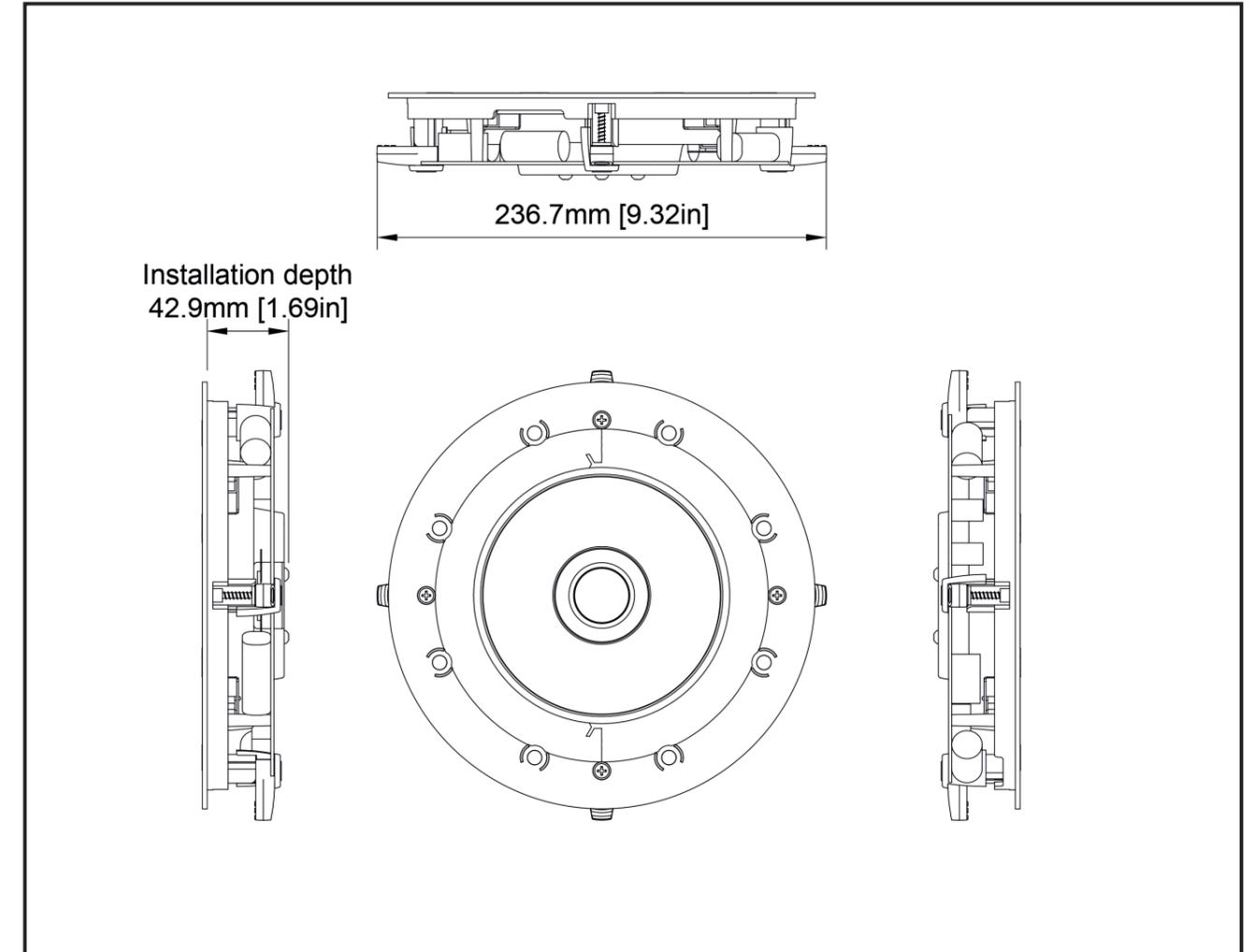
DIMENSIONS

The6 PRO PASSIVE CEILING



DIMENSIONS

The6 PRO PASSIVE CEILING



DOCUMENTS RESOURCES



ASCENDO_The6 PRO PASSIVE CEILING (pdf)


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CE

ASCENDO Immersive Audio GmbH

Adlerstrasse 2, Gebäude C, EG

D-91560 Heilsbronn · Germany

Tel.: +49 9872 9 537 157 · www.aia-cinema.com

