

Passive Systems Outline Specifications

P200Z

System	2-way in-ceiling/wall unit with built-in passive crossover
Bass driver	8in diameter, silver paper cone, rubber surround
Tweeter	1in diameter, aluminium diaphragm
Frequency response	52Hz-20KHz
Impedance	Nominal 8Ω
Sensitivity (1W/1M)	89dB/1Watt@1m
Power handling	10-80W
Hole cut-out diameter	9.37in/238mm
Outer frame diameter	10.75in/273mm
Depth for installation	4in/101.6mm
Weight	4.5lbs/2kg approx.

P320

System	2-way in-wall/ceiling* unit with built-in high-order crossover. Audiophile-grade components including Meridian-specified Supersound capacitors, air-cored inductors and Van den Hul internal wiring throughout
Bass driver	6.5in/165mm metal-coned driver
Tweeter	Wide-dispersion ribbon device
Impedance	Nominal 8Ω
Power handling	Suitable for 100–200W amplifiers

P330

System	2-way in-wall unit with Auxiliary Bass Radiator (ABR) & built-in high-order crossover. Audiophile-grade components including Meridian-specified Supersound capacitors, air-cored inductors and Van den Hul internal wiring throughout
Bass driver	6.5in/165mm metal-coned driver
Tweeter	Wide-dispersion ribbon device
ABR	8in/200mm Auxiliary Bass Radiator
Impedance	Nominal 8Ω
Power handling	Suitable for 100–200W amplifiers

P350

System	2-way in-wall unit with dual bass drivers and ABRs, and built-in high-order crossover. Audiophile-grade components including Meridian-specified Supersound capacitors, air-cored inductors and Van den Hul internal wiring throughout
Bass drivers	2 x 6.5in/165mm metal-coned drivers
Tweeter	Wide-dispersion ribbon device
ABRs	2 x 8in/200mm Auxiliary Bass Radiators
Impedance	Nominal 4Ω
Power handling	Suitable for 100–300W amplifiers

Passive System Summary

Passive Systems – including integral crossover; drive with Meridian or third-party power amplifiers plus:

P200Z	2-way in-ceiling speaker with 8in/200mm bass driver and pivoting tweeter
P320W	Single 6.5in/165mm bass driver; wide-dispersion ribbon tweeter
P330W	Single 6.5in/165mm bass driver; ribbon tweeter, 8in Auxiliary Bass Radiator
P350W	Dual 6.5in/165mm bass drivers; ribbon tweeter, dual 8in ABRs

Specify in-wall or flush-mount configuration (see dimensioned drawings inside). Rough-in boxes available separately.

**The 320 units may optionally be ceiling-mounted; the 330 and 350 are not suitable for in-ceiling use.*

On-wall versions available later in 2006; contact Meridian for details.

Remote Active versions detailed in a separate data sheet.

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Meridian retains the right to improve or modify product specifications and design at any time. E&OE.

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Passive Installation Speakers

Meridian loudspeaker systems for in-wall and flush-mount applications



P330 exploded view (in-wall configuration shown).

For years, Meridian loudspeakers have been regarded as offering the highest performance available – the result of careful design, the highest-quality drivers and components, transparent crossovers and rigid, low-coloration enclosures in both Active and Digital Active designs.

Now we have paid the same level of attention to the design of loudspeakers for installation purposes, including in-wall, flush-mount and on-wall configurations. These offer full Meridian performance for systems where the use of floor-standing models is impossible or inappropriate.

The 200 Series in-ceiling design and the 300 Series of wall-mounting systems allow exceptional flexibility of configuration. This document describes their application as passive in-wall/flush-mount speakers to be driven by external conventional amplification; Active and on-wall configurations are also available and are detailed separately.

The 200 Series speakers are 2-way designs with an 8in (200mm) bass driver, pivoting tweeter and optional crossover, for in-ceiling/wall surface mounting.

The 300 Series consists of three ultra-slimline systems for in-wall (surface grille) and flush-mount (completely hidden, eg behind wall coverings) applications, featuring 6.5in (165mm) metal-cone bass drivers, and a wide-dispersion horn-loaded ribbon tweeter for superb performance anywhere. Passive units feature built-in crossovers with bi-wire/bi-amp terminals.

The 320 includes a single bass driver and tweeter; the 330 adds an 8in (200mm) Auxiliary Bass Radiator (ABR); and the 350 features two bass drivers and two ABRs.

Heavy, rigid enclosures minimise wall and cavity excitation so you hear the speakers, and not wall resonances.

A white paintable low-resonance grille and frame is included, and rough-in boxes are available.

In every case, Meridian installation loudspeakers deliver the performance of a stand-alone design in a discreet enclosure with minimal visual impact – and awesome power.

On-wall and Remote Active configurations are also available: contact Meridian for details.

Installation loudspeakers with true Meridian performance

Excellent, well-defined bass and clear, open mid-range

Accurate rendering of instruments and voice

High SPL with fast transient response

Heavy, rigid enclosures minimise wall and cavity resonances

Stable imaging with excellent depth

Wide dispersion for an excellent sound throughout the room

Excellent clarity for movie dialogue

Suitable for a wide range of external amplifiers

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Passive Systems

P200Z

The **P200Z** in-ceiling speaker is a 2-way design with an 8in (200mm) bass driver, pivoting tweeter and passive crossover. The unit may also be mounted into standard 4-inch deep stud walls and is designed to occupy this depth. See back page for dimensions.



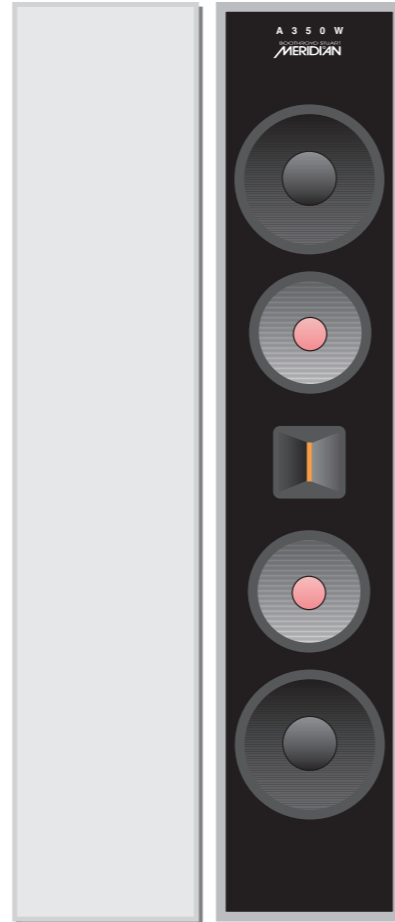
P320i/P320f



P330i/P330f



P350i/P350f



Wall Speakers

The **300 Series** consists of three sizes of ultra-slimline wall speakers, each offered in three mounting formats:

In-wall (surface grille) ("i" suffix);

Flush-mount (completely hidden, eg behind wall coverings) ("f" suffix); and

On-wall applications ("w" suffix) (these are covered in a separate document)

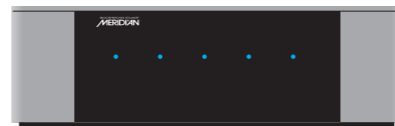
The 320 model only may also be ceiling-mounted.

Each unit features 6.5in (165mm) bass drivers, and a wide-dispersion ribbon tweeter for superb performance anywhere. Units incorporate a passive crossover.

A white custom paintable grille and a white cloth-covered grille are included with the in-wall products. Rough-in boxes are available for in-wall or flush-mount applications. The flush-mount version is supplied without a grille, facilitating custom wall surface treatments.

The **320** includes a single bass driver and tweeter; the **330** adds an 8in (200mm) Auxiliary Bass Radiator (ABR); and the **350** features two bass drivers and two ABRs. All three models are available for passive ('P' prefix) and active ('A' prefix) operation and for in-wall, flush-mount or on-wall installation. See opposite for dimensions.

Drive options



Passive systems can be driven from any suitable amplifier or receiver, such as the Meridian **G55** or **G57**. The P320 and P330 (nominal 8Ω) are suitable for amplifiers between 100 and 200W (150W recommended), while the P350 (4Ω) can be used with amplifiers delivering up to 300W.

Illustrations are not to scale.

