

Concerta Specifications

CONCERTA

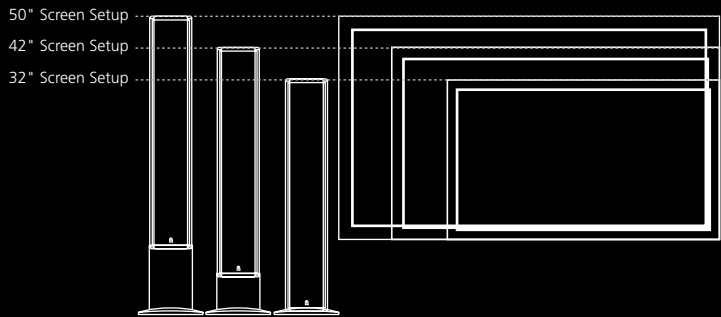


	M8	M10/C10	LCR8
Driver Complement:	Dual 3" (75mm) woofers, 1" (25mm) tweeter	Dual 3" (75mm) woofers, dual 3" (75mm) midrange drivers, 1" (25mm) tweeter	Six 3" (75mm) woofers, three 1" (25mm) tweeters
Crossover:	2-Way at 2.2kHz	2-1/2-Way at 400Hz and 2.2kHz	2-Way at 2.2kHz
LF Extension:	-3dB @ 110Hz -6dB @ 100Hz -10dB @ 90Hz	-3dB @ 110Hz -6dB @ 100Hz -10dB @ 80Hz	-3dB @ 110Hz -6dB @ 100Hz -10dB @ 90Hz
Sensitivity: (2.83V @ 1m, 2π)	88dB	89dB	88dB
Impedance:	8 Ohms	8 Ohms	8 Ohms
Dimensions: (H x W x D)	11-5/8" x 4-1/4" x 4-1/2" (296mm x 107mm x 113mm)	22-15/16" x 4-1/4" x 4-1/2" (582mm x 107mm x 113mm)	4-1/4" x 39-15/16" x 4-1/2" (107mm x 1015mm x 113mm)
Weight:	3.45 lb (1.6kg)	6.75 lb (3.1kg)	11.4 lb (5.2kg)



B120

Frequency Response:	±0.5dB in the pass-band
Low-Frequency Extension (Anechoic):	-3dB at 36Hz, -6dB at 32Hz, -10dB at 29Hz
Maximum Amplifier Output:	20Hz - 150Hz with no more than 0.1% THD, 250W RMS, 300W dynamic
Low-Pass Crossover Frequencies:	50Hz - 150Hz, 24dB/octave, continuously variable
Power Requirements:	120V AC @ 60Hz, 2A
Dimensions: (H x W x D)	17-3/4" x 15-3/4" x 14" (450mm x 400mm x 356mm) (including feet and grille)
Weight:	51 lb (23.2kg)



Three different bases are included with the M10.

Raise the height of your M10 speakers to match the height of your display on a shelf, table or credenza.

M10 mounted on the optional STANDM10 loudspeaker stand.

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CONCERTA

Revel® Concerta™ On-Wall Loudspeakers and Powered Subwoofer





Introducing loudspeakers engineered to perform on walls,
not just hang on them.

With appropriate hardware, it's possible to affix virtually any compact loudspeaker to a listening room wall, and manufacturers are free to promote any model of a certain size and weight as "wall-mountable." But very few audio manufacturers have the facilities and expertise needed to determine just how their on-wall systems will sound when actually placed on or near a wall.

The Revel® brand was founded in 1996 with the straightforward, if immodest, goal of building the world's finest loudspeakers. Revel engineers began by finding more accurate ways of measuring sound

reproduction under laboratory conditions that more perfectly replicate a wider range of home listening environments, including on-wall installations.

The performance of Revel Concerta™ on-wall loudspeakers has been extensively evaluated in a variety of on- and near-wall installations through blind listening tests in the Revel Multichannel Listening Lab. Using proprietary 36-point anechoic measurements, Concerta on-wall speakers have been shown to deliver remarkably flat frequency response across an exceptionally wide listening area for clean, accurate sound in real-world listening rooms. None of the competing systems tested under identical conditions performed as well. Remarkably, Revel engineers could not identify a single competing on-wall system they considered suitable for on-wall use, based on either laboratory measurements or double-blind listening tests.

At a time when many consumers are looking for audio systems to complement their on-wall video displays, Concerta on-wall loudspeakers are the clear choice for anyone interested in serious sound.

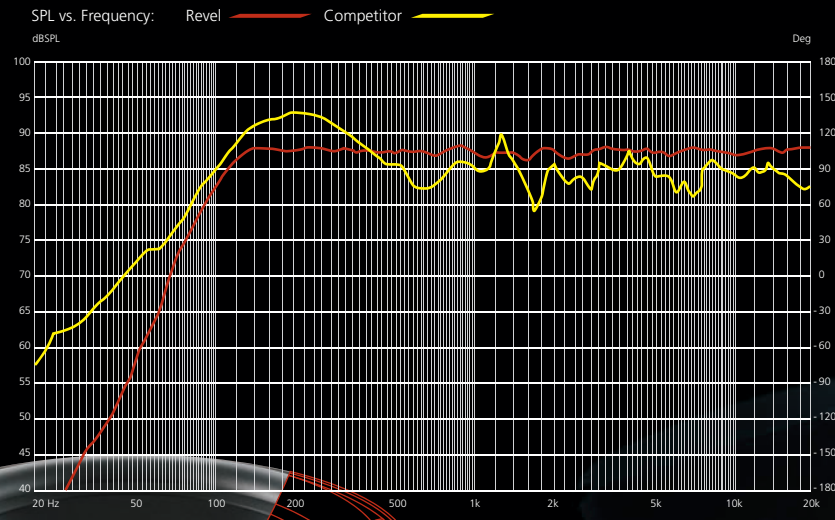
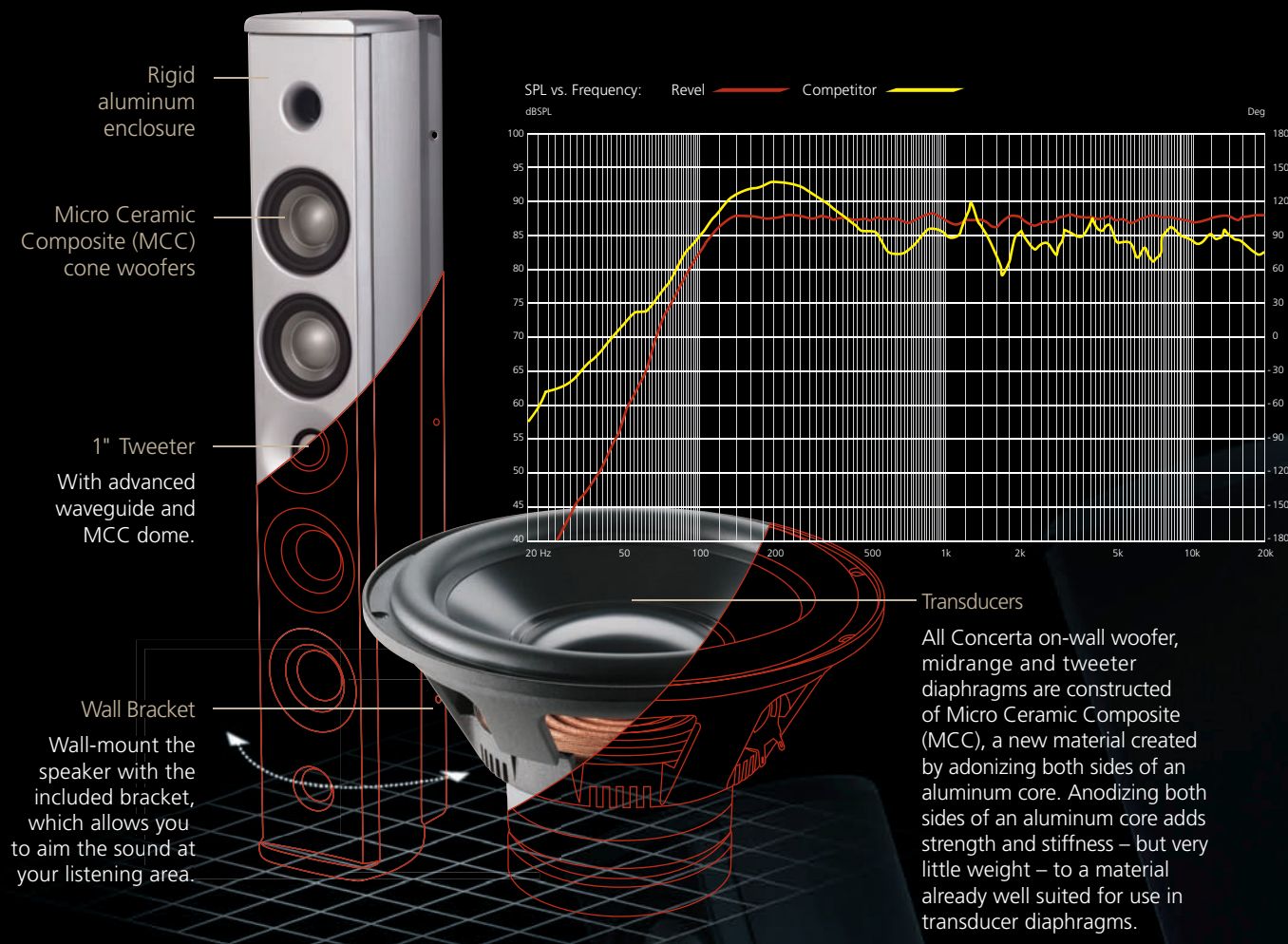
On-wall speakers with genuine Revel sound.

Revel speakers are esteemed by audiophiles and music professionals the world over, for their timbral accuracy and dynamic range. Concerta on-wall systems were developed with the stringent attention to musical honesty and the manufacturing precision that are Revel hallmarks.

With advanced drivers utilizing Micro Ceramic Composite (MCC) cones and domes, along with high-order crossovers, and housed in rigid aluminum enclosures styled to complement the look of LCD and plasma displays, Concerta on-wall systems will fill any room with brilliant, distortion-free sound from virtually any amplifier.

Concerta speakers are voice-matched for use in any combination to build movie and music systems of uncommon realism. The series includes an innovative 3-channel LCR system mounted in a single enclosure, a highly capable center channel speaker, a choice of satellites and an impressive 250-watt powered subwoofer. The B120 sub can be connected directly to your system or operated wirelessly with an optional transmitter, for complete placement freedom.





Proven Performance:
SPL vs. Frequency Chart

To maximize the performance of the Concerta on-wall loudspeakers, Revel engineers relied on precise measurements of the on- and off-axis response in an anechoic chamber from 36 separate listening angles. In addition, in order to confirm their sonic performance, the speakers also underwent unique double-blind listening tests to prove their sonic superiority over the competition. The chart shows the response of a Concerta on-wall system versus its best-performing on-wall competitor. It was no contest. The Revel systems exhibited nearly ideal response. No competing system even came close.



Concerta LCR8
High-Performance, 3-Channel Loudspeaker System

- Three 2-way speakers with dual 3" woofers with MCC cones and 1" tweeter with MCC dome each
- Acoustic waveguides
- High-order crossovers
- Rigid aluminum enclosure
- Magnetically shielded
- Wall bracket and shelf stand included

Simplify the look of a multichannel theater system, without compromising the sound. The LCR8 does the work of three front speakers, delivering left, right and center channel signals with the clean dialogue and distinct imaging you would expect only from separate components.



Concerta C10
High-Performance, 2-1/2-Way Center Channel System

- Dual 3" woofers, dual 3" midranges and 1" tweeter, all with MCC diaphragms
- Acoustic waveguide
- High-order crossover
- Rigid aluminum enclosure
- Magnetically shielded
- Wall bracket and shelf stand included

A sonic duplicate of the M10, but intended for horizontal installation, the C10 is configured for the special demands of the center channel in movie soundtracks, providing exceptional dialogue reproduction and a seamless transition between the left and right front channels.



Concerta M8
High-Performance, 2-Way Loudspeaker System

- Dual 3" woofers with MCC cones and 1" tweeter with MCC dome
- Acoustic waveguide
- High-order crossover
- Rigid aluminum enclosure
- Magnetically shielded
- Wall bracket included

The M8 is ideal as an inconspicuous surround loudspeaker, whether on its included wall-mount bracket or placed on a shelf. It is also well suited as a front-channel loudspeaker, whether mounted on a wall or used on a shelf or desktop.



Concerta M10
High-Performance, 2-1/2-Way Loudspeaker System

- Dual 3" woofers, dual 3" midranges, all with MCC cones and 1" tweeter with MCC dome
- Acoustic waveguide
- High-order crossover
- Rigid aluminum enclosure
- Magnetically shielded
- Wall bracket and three-height shelf stands included
- Optional floor stand available

As the left and right speakers in a music system, or perfectly matched to the Concerta C10 in a home theater system, the M10 delivers superb music reproduction and realistic, all-encompassing movie sound to rooms of virtually any size. Optional STANDM10 loudspeaker stands are available.



Concerta B120
High-Performance Powered Subwoofer

- 12" Woofer with MCC cone
- 250-Watt RMS amplifier
- Line-level RCA inputs
- Advanced woofer motor structure
- Phase switch
- Low-pass frequency control
- Low-frequency level control
- Parametric room-equalization controls
- Wireless operation (with optional TX1 transmitter)

With a 12" woofer, 1-1/2" peak-to-peak excursion and a 250-watt (RMS) amplifier, the B120 subwoofer adds serious bass punch with very low distortion at the lowest frequencies, even at high output levels. Adjustable controls, parametric equalization and multiple connection options allow you to optimize performance for any system and listening room.