



# Apex Series

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# Apex widens the experience of sound

If you're seeking high quality and performance with aesthetics to match the coolest of contemporary interiors, then Apex is your answer. Meticulously crafted using the experience of decades of loudspeaker design, Apex is a statement of imagination and minimalist styling for those who desire great sound and the space to enjoy it.

For Apex, we've concentrated the awesome fire-power of our finest driver technologies into beautifully compact enclosures of reassuringly solid die-cast aluminium, coated in several layers of high-gloss piano lacquer. The most demanding home theatre and music enthusiasts will discover brilliantly dynamic sound, rich with pulsating rhythms and lightening fast natural detail at a resolution way beyond the limits of the latest HD digital media. Those inspired by cutting-edge styling will appreciate the ravishingly austere simplicity of the Apex design and the lifestyle versatility of its compact satellite and Subwoofer combinations. Apex is a 'flagship' range of versatile compact speakers, which blends elite styling with the advanced technologies of our award-winning speakers.

The cabinets are made from rigid die-cast aluminium coated in a sumptuous black metallic or pearl white metallic high gloss lacquer. The C-CAM bass driver, which has been engineered exclusively for Apex, uses high performance RST dimpled cone geometry for added rigidity. Drivers are secured to the cabinet using a single central through-bolt fixing, which acts as a cabinet brace to reduce resonance.

Innovative high quality metal wall brackets supplied with the A10 and A40 are custom designed to make installation quick, easy and secure. When installed, the speaker can be tilted precisely for the best stereo or surround sound imaging. A stylish, internally pre-wired floor stand for the A10 is also available.

Due to its precision-engineered voicing, the Apex range can be mixed in any combination to match room size, shape and acoustics, delivering the audio range and quality of much larger hi fi speakers in an extremely stylish and space-friendly way.

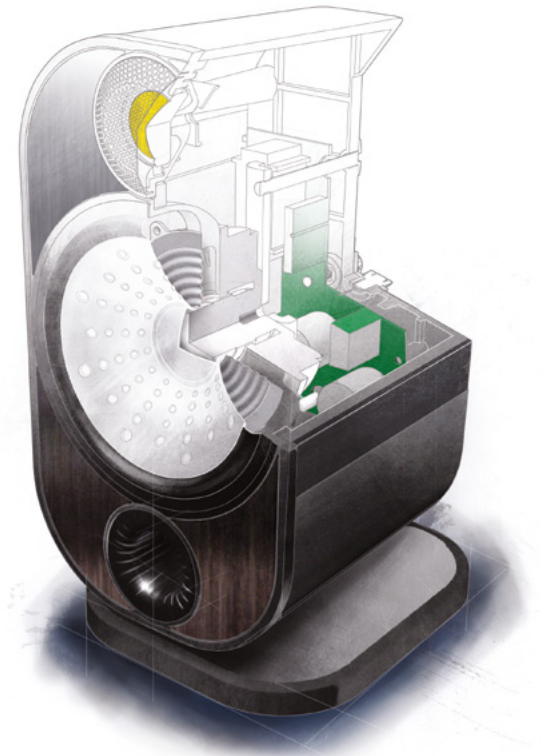


## Inside Apex

Apex is Monitor Audio at its most creative. We've distilled the essence of our finest full-size speakers into a scintillatingly ergonomic design, perfected for the priorities of contemporary living. We've used FEA analysis to shrink the speaker without compromising its performance, simulating and fine-tuning the drivers and enclosure of each Apex model, so that you enjoy the explosive sound and precise imaging of a large Monitor Audio system, from a much smaller one.

We've succeeded by custom-engineering a C-CAM driver exclusively for the Apex design, complete with the high performance RST dimpled cone geometry. The 140 mm (5<sup>1/2</sup>" ) Apex cone is suspended on a rigid die-cast aluminium chassis and driven by an over-sized motor system featuring a high power voice coil and vented cooling. Paired with the bass driver is a minted 25 mm (1") C-CAM Gold dome tweeter, FEA-tuned to reach beyond 35 kHz: way above the response of Blu-ray and HD audio formats. Following the design of our multi-award winning Silver RX speakers, the drivers are fixed to the back of the fabulously inert Apex enclosure on a single through-bolt, allowing them to 'float' free of the baffle, thus eliminating a source of distortion common to ordinary speakers. The bolt acts as a cabinet brace as well, making the entire structure even more resistant to unwanted vibration. Another Platinum Series innovation, the HiVe II port design, has been introduced to facilitate a more rapid movement of air through the Apex enclosure for life-like bass speed and punch.

All the elements of the Apex design have been choreographed by Monitor Audio to operate with complete precision for a stunning audio result. And we've verified our FEA analysis with plenty of real-world listening to confirm the simple truth: Apex widens the experience of sound with stratospheric highs, the most revealing mid band and the deepest bass contours. It plays louder with lower distortion than rival designs. Apex is a class apart.



## Outside Apex

A compact acoustic design of this quality demands similarly imaginative looks. The rounded die-cast aluminium Apex enclosures are complemented by stylish magnetic grilles with no visible fixings for the sleekest effect.

The cabinets, offered in a sumptuous metallic black or pearl white high gloss piano lacquer and finished with brushed metal alloy side trims, simply ooze sophistication.

Reassuringly robust shallow-profile bracket systems have been engineered for optimum flexibility and ease of use. The adjustment of a single screw provides full pivoting action, allowing the speaker to be directed with great precision. Die-cast or machined from heavy duty aluminium alloy, the Apex bracket systems provide the ultimate in stability whilst offering the flexibility of wall, ceiling or table top mounting.





## Apex A10

As capable with music as it is with home theatre sound, the beautifully bijou A10 punches like a heavyweight, expertly blending sky-wide high frequencies with a natural blast of delicious mid-range detail coupled to a depth of bass that simply defies the A10's svelte dimensions. Its rigid die-cast alloy cabinet, piano-lacquered to a polished perfection imparts a sense of superior quality, and when teamed with a matching A40 at the centre and the awesome AW-12 Subwoofer, the A10 completes a surround sound system unrivalled in its ability to combine the essential force of music and film sound with the power of de-rigueur design in a single fabulous statement.



## Apex Stands (Optional)

The A10 stand will extend the elegant lines of the A10 satellite to the floor, providing a secure, stable and stylish alternative to wall fixing. Its die-cast aluminium plinth and extruded aluminium support are internally wired with our own Silver Pureflow® cable so that no manual cable connection with the A10 is required: the speaker simply locates with the connecting forks situated in the low-resonance mounting recess.





## Apex A40

The supremely versatile A40 can be used vertically or horizontally to provide electrifying audio realism characterised by soaring dynamics and low distortion. Equipped with twin Apex bass drivers, the A40 excels at low frequency depth and mid-band evenness over a wide listening area. It radiates with the full force of a single 200mm (8") bass driver, but has the advantage of superior power handling and a wonderfully smooth audio consistency.

What's more, the single bolt fixings for its drivers give the longer A40 cabinet an especially rigid structure, banishing any hint of boxy colouration, especially from on-wall positions. The A40's slender profile and glossy lacquer finishes make it a match for super-thin video displays: its beautifully engineered bracket not only allows for forward and backward adjustment to align the speaker with the front of the screen but also allows the A40 to tilt 22.5° upwards and downwards for optimum setup.

Perfect for high quality sound where space is at a premium, and captivating when teamed with the explosive AW-12 Subwoofer in a 5.1 channel configuration, the A40 will deliver simply breathtaking audio.

## Apex AW-12 Subwoofer

The slam and depth component in the Apex line-up is the seismic AW-12 subwoofer, a pocket-sized generator of free-falling bass notes as astounding in their quality and magnitude as the compact nature of their source.

The AW-12 design is as concentrated as we can make it. Occupying a little over a cubic foot of living space, this 500 W bass engine will compress the air in front of it with an unremitting efficiency, turning the drama of action scenes and precipitous musical transients into genuine physical pressure. The AW-12 teams the our Class D amplifier technology with a proprietary 300 mm (12") long-throw C-CAM driver in a sealed, lacquered, totally rigid 25 mm (1") MDF enclosure. Its front-firing design and the top-mounted control of volume and EQ make it easy to position and tune for a seamless frequency blend with the satellites. There's a 12 V trigger for easy switching when using a compatible AV receiver or processor, and twin analogue connections for the addition of another AW-12 should it ever be required.

Finished with side trims machined from solid aluminium and with a silky anodised lustre to complement the Apex satellites, the AW-12 is in every way sensational.

## Specifications

Model	A10	A40
Frequency Response	60 Hz – 35 kHz	50 Hz – 35 kHz
Sensitivity (1W@1m)	87 dB	90 dB
Nominal Impedance	8 ohms	8 ohms
Power Handling Single (RMS)	100 W	200 W
Recommended Amp. Requirements	25 – 100 W	50 – 200 W
Maximum SPL	110.8 dBA	116.8 dBA
Bass Alignment	Front ported – Bass reflex. HiVeII port system	Bass reflex – twin front mounted HiVeII ports
Tweeter Crossover Frequency	3.0 kHz	600 Hz & 3.0 kHz
Drive Unit Complement	1 x 140 mm (5 <sup>1/2</sup> " ) RST mid-bass driver 1 x 25 mm (1") C-CAM Gold dome tweeter	2 x 140 mm (5 <sup>1/2</sup> " ) RST cone mid-bass drivers 1 x 25 mm (1") C-CAM Gold dome tweeter
External Dimensions (H x W x D)	250 x 140 x 140 mm 9 <sup>13/16</sup> x 5 <sup>1/2</sup> x 5 <sup>1/2</sup> "	610 x 140 x 100 mm 24 x 5 <sup>1/2</sup> x 3 <sup>15/16</sup> "
Weight (each)	3.95 kg (8 lb 12 oz)	6.85 kg (15 lb 2 oz)

Model	AW-12
Low Frequency Limit	27 Hz (EQ1) 21 Hz (EQ2)
Upper Frequency Limit	40 – 120 Hz Variable
Low Pass Filter	Active 4th order 24 dB/ Octave (2 stage filter)
Power Output	500 W RMS (1000 W Peak)
Cabinet Specification	25 mm construction and internal bracing. Sealed Cabinet
Amplifier Classification	Class D amplifier
Driver Complement	1 x 12" C-CAM sub woofer driver featuring triple suspension and long throw 3" voice coil
Input Impedance	20 k ohms
Mains Input Voltage	110 – 120 Vac / 220 – 240 Vac 50/60 Hz
External Dimensions (H X W X D) Inc. Amp and driver	340 x 340 x 410 mm (13 <sup>3/8</sup> x 13 <sup>3/8</sup> x 16 <sup>1/8</sup> " )
External Dimensions Inc. feet	375 mm (15") high with feet 430 mm (16 <sup>5/16</sup> " ) deep Inc. Amp
Weight (each)	22.56 kg (49 lb 10 oz)

Model	Apex Stands
External Dimensions (H x W x D)	916.5 x 240 x 280 mm (36 <sup>1/16</sup> x 9 <sup>7/16</sup> x 11")
Weight	11.45 kg (25 lb 4 oz)
Finishes	Black White

### High Gloss Finishes



Metallic Black



Metallic Pearl White

\* On all Apex models invisible magnetic grille fixing provides clean visual styling when used with the grille off, excluding the AW-12. E&OE. All colours approximate.



### Apex A10AV12

The Apex A10AV12 system comprises of four Apex A10 Satellites, an Apex A40 Centre Channel speaker and an Apex AW12 Subwoofer.

For more information email [info@monitoraudio.com](mailto:info@monitoraudio.com)  
Additional technical details on the Apex Series are available at [www.monitoraudio.com](http://www.monitoraudio.com)

Monitor Audio is a wholly British-owned and managed loudspeaker designer and manufacturer. Since 1972 it has been at the leading edge of loudspeaker design and technology, perfecting the implementation of metal drivers. It is also renowned for exemplary speaker cabinet construction and finish.

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