

## Monitor Audio Launches New Studio Loudspeaker

### STUDIO – The design is in the detail

The Monitor Audio design team was given the brief to create a powerful yet elegant premium loudspeaker that would grace any setting. The new Studio is the result of this brief and it delivers an exceptional audio performance from its beautifully constructed cabinet. With a sleek silhouette, unique design features, and featuring technologies from Monitor Audio's flagship Platinum II series, the new Studio sets a fresh benchmark.

Studio is a high-end loudspeaker offering absolute performance from a strikingly compact cabinet. The shape and configuration has been designed with the sole intention of delivering the most faithful sound reproduction possible.

The grille-less design ensures the speaker's voice is clear and true and lets the drivers become an eye-catching focal point. The two metallic-silver RDT II speaker cones deliver an optimum high-end performance that will delight audiophiles. The honeycomb tweeter cover adds a contemporary edge to the speaker's form and the bespoke solid-metal logo at the cabinet's base gives a stylish design touch.

Handcrafted and available in a sleek satin black, white or grey finish, Studio is a stunning addition to any room. To ensure a superlative performance an optional bespoke floor stand is available.



## STUDIO

### Driver design

The dual 4" drivers are those used in the flagship Platinum PL500 II speaker and they have been modified to produce bass, as well as mid-range detail. The RDT II cones from Platinum II are housed in a bespoke cast polymer chassis which improves rigidity and damping characteristics. As with Platinum II, the drivers are designed to be incredibly low in distortion and use the same magnetic design principles, as well as material choice. An MPD (Micro Pleated Diaphragm) high frequency transducer has been designed to provide incredible articulation due to the low mass diaphragm. MPD transducers work like a super-fast accordion by rapidly squeezing the pleats to produce a smooth, wide, naturally fast response way into the ultra-sonic band. As a result, the sound is more lifelike, releasing the high harmonic spectrum of every note without the distortion that blurs definition.

### Mechanical and visual design

The super slim cabinet is tuned using two rear mounted HiVe II slot ports mounted at the top and bottom of the cabinet. This positioning ensures the pressure inside the cabinet is balance symmetrically. The large port surface area prevents turbulence and subsequent air noise, which can be a problem in small size cabinets. HiVe II technology ensures air moves in and out much quicker than a conventional port, resulting in fast, powerful bass coupled with superior transient response. Hi-grade Polypropylene film capacitors, air-core and laminated steel-core inductors have been selected to preserve the best possible signal integrity. The purist electrical chain is complemented by a pair of precisely machined terminals developed for the Platinum II Series. These have been Rhodium plated to provide the lowest contact resistance and long-term consistency. The drivers are surrounded and clamped by a rigid die-cast aluminium sub-baffle, to provide rigidity. The mechanical structure is enhanced further using Monitor Audio's bolt-through driver technology to provide the ultimate cabinet bracing.



## STUDIO

### Key Features

- Delivers detailed and accurate audio performance
- Ultra-slim, compact cabinet profile
- 2 x 4" RDT II drivers with C-CAM technology and featuring rigid cast polymer chassis
- MPD (Micro Pleated Diaphragm) high frequency transducer, designed in-house for Monitor Audio's flagship Platinum II speakers
- HiVe II (High Velocity) reflex slot configuration ports
- Rigid die-cast aluminium sub-baffle to mount and clamp drivers securely
- Precision machined, rhodium plated speaker terminals
- Bolt through driver technology: clearer sound and cleaner aesthetics
- Contemporary satin finish in black, white or grey
- Optional dedicated floor stand (STAND)

### Finishes

Satin white, grey or black



E&OE. All colours approximate.

### Specifications

Model	Studio
System format	2-way
Frequency response (-6dB)	48 Hz – 60 kHz
Sensitivity (1W@1M)	86 dB
Nominal impedance	4 ohms
Minimum impedance	2.9 ohms @ 3.5 kHz
Maximum SPL	110 dBA (Pair)
Power handling (RMS) watts	100 W
Recommended amplifier requirements (RMS)	40 – 100 W
Bass alignment	Dual slot Bass reflex – HiVe II port system
Crossover frequency	2.7 KHz
Drive unit complement	2 x 4" RDT II drivers 1 x MPD high frequency transducer
Cabinet dimensions (H x W x D) (including terminals)	340 mm x 156.2 mm x 360.9 mm 13 <sup>3/8</sup> x 6 <sup>1/8</sup> x 14 <sup>3/16</sup> "

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 renowned for exemplary speaker cabinet construction and finish.



STUDIO shown with STAND in a choice of black or white finishes

For more information email [info@monitoraudio.com](mailto:info@monitoraudio.com)

Additional technical details on Studio will be available at [www.monitoraudio.com](http://www.monitoraudio.com)

**Monitor Audio Ltd**  
24 Brook Road,  
Rayleigh, Essex,  
SS6 7XJ England

T. + 44 (0)1268 740580  
F. + 44 (0)1268 740589  
E. [info@monitoraudio.com](mailto:info@monitoraudio.com)