

 **MONITOR AUDIO**<sup>®</sup>  
design for sound

GoldGS series



# Design for sound.

Monitor Audio can take you from the loudest explosion to the softest whisper in a heartbeat, deliver passion with precision and connect you directly to music's emotional heart. We believe you should never settle for a contrived image when you can have absolute, true-to-life clarity.

Nor should you settle for cutting-edge technical innovation without meticulous craftsmanship. Which is why Monitor Audio is synonymous with

material and sonic excellence around the world. Even so, we've never made a loudspeaker as good as this.

With over 35 years' experience at raising the bar for the world's most demanding consumers, Monitor Audio introduces Gold Signature, a new flagship range that reaches unprecedented standards of design, innovation, performance, technical excellence, build quality and value in its class.



# Key features

## New drivers

Monitor Audio's ground-breaking 'dimpled' RST® (Rigid Surface Technology) cone profile is further refined with Finite Element Analysis to provide smoother response and reduced break-up. The C-CAM® (Ceramic Coated Aluminium/Magnesium) material employed by the renowned Monitor Audio gold dome tweeter is an innovative alloy originally developed by the aerospace industry for jet engine design. The C-CAM® tweeter devised for GS will remain rigid and operate more like a pure piston up to 43kHz. High frequency performance is propelled to another level.

## Attention to detail

New die-cast alloy cable terminal panels are located low down on the GS20 and GS60 for easy access and neater cable runs. The proprietary HiVe™II reflex port is designed to reduce turbulence and increase the speed of the air-flow through the port, resulting in faster, cleaner bass attack.

## Anti-resonance build

The cast aluminium GS drive unit chassis are held rigidly in place by clamp plates made from a low-resonance combination of die-cast aluminium and zinc. All the components provide a high degree of resonance cancellation and damping. We've employed the time-honoured quality of traditional tongue-and-groove jointing to provide a cabinet construction, which is inherently strong and rigid, enhanced by extensive vertical and radial internal bracing.

## New look

Smooth, radiussed edges and selected premium quality finishes on all surfaces give the GS range a sumptuous yet strikingly clean and modern appearance. GS20 and GS60 feature a rigid cast-aluminium plinth with a discreet aerofoil profile and easy-to-adjust integral machined metal spikes/feet.





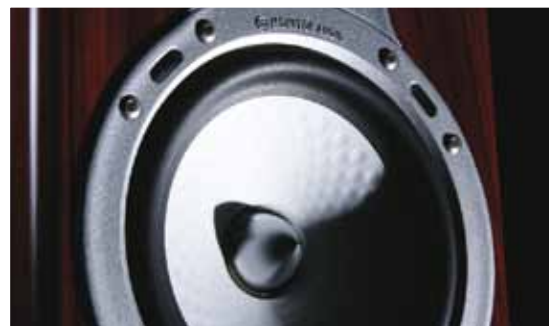


## GS10

The GS10 re-writes the book on compact monitor performance, easily eclipsing the dazzling standard set by its predecessor, the GR10. It may be small, but the GS10 showcases the multiple talents that make the Gold Signature series so remarkable. With its advanced, low-resonance drivers, rigid build and contoured cabinet edges, the GS10 re-defines accurate, low-colouration sound in a compact, stylish stand-mount and bookshelf speaker. Using the new, low distortion 6 1/2-inch RST@II bass/mid driver and gold C-CAM® tweeter developed especially for the GS series,

the GS10 is capable of true 3-D imaging and tonal accuracy.

To keep the GS10 and GS-LCR looking and performing at their best, a beautifully engineered stand is available, having the same die-cast alloy footprint as a GS20. The solid, stable speaker platform has integral rubber contact points for improved isolation and a discreet cable management system ensures that trailing cables remain out of sight. Slim and elegant, the GS stand will maximise the considerable sonic and aesthetic virtues of these GS designs.







## GS20

The massively accomplished GR20 was a hard act to follow, but its successor, the GS20, pulls decisively ahead in all respects, combining gorgeous aesthetics, sublime sonics and superlative build quality. Its two-and-a-half way, three driver configuration is built around a unique dual-cavity cabinet design, in which the 6 1/2-inch RST®II bass and bass/mid drivers work into separate enclosures, tuned to different frequencies and impedances.

This provides improved power handling and delivers faster, deeper, more dynamic bass and greater transparency through the crucial mid-range. Above that, the gold C-CAM® tweeter ensures a smooth, detailed sound all the way up to 43 kHz, exploiting the full potential of the latest wide-bandwidth digital formats.





## GS60

The elegantly proportioned GS60 embodies all the conviction and integrity of Monitor Audio design. Its thirty year heritage is eloquently expressed by a compelling unity of cutting-edge innovation and aesthetic creativity bringing life-like power, dynamics and realism to music and film.

Like all models in the Gold Signature range, the flagship GS60 is a monument to the cabinet-maker's art. Immaculate real wood or piano gloss finishes are blended with a slender, contemporary design and superb attention to detail, investing the GS60 with an air of resolute quality.







## Complete solutions

The best AV speaker systems demand exceptional performance from every component. The strength of Gold Signature's design and engineering makes it easy to assemble a high quality five or seven-channel loudspeaker system that's perfect for any room. Sharing driver, crossover and cabinet technologies, the GS speakers will provide exceptional tonal accuracy, transparency and wide-bandwidth response in any combination, transcending the experience of sound through two channels to generate a tangible sense of 'being there'.



## GS LCR

Amazing as it may seem, a centre speaker may be required to reproduce over 60% of the entire output of a film sound-track. This means that it must deliver the dramatic impact of explosions and sound effects as precisely as it recreates the many tonal subtleties of dialogue. The outstanding dynamic reach and generous power handling of the Gold Signature LCR speaker allow it to master the most dynamic drive conditions with ease and still have something in reserve. Monitor Audio has optimised the design to provide accuracy and control over a wide Listening area while preserving the exact tonal signature and balance of the GS Series. This means that the GS-LCR will integrate perfectly with any of the speakers in the Gold Signature range.

## GS FX

The GS-FX is a completely new design from Monitor Audio. Its advanced dual-mode configuration can be switched automatically by a processor to accommodate a range of surround sound applications. The speaker's slim-profiled angled baffle design incorporates no fewer than three driver pairs. When used in monopole mode to reproduce discrete side or rear channels, its front-firing 6 1/2-inch RST®2 bass/mid driver and gold C-CAM® tweeter come into play, delivering an accurate wide-bandwidth sound-field to complement perfectly a front-channel GS speaker combination.

The GS-FX in dipole mode uses two side-firing pairings of 4-inch C-CAM® bass/mid driver and gold C-CAM® tweeter combined with the tailored output from the front-firing bass/mid driver to provide wonderfully diffuse yet tonally precise surround effects.







## GSW12

The new GSW-12 subwoofer is bristling with features packed into a compact high-power enclosure. A new 1000 watt Class D power amplifier is coupled to a new ultra-long throw 12-inch C-CAM® driver, equipped with a massive 4-inch voice coil and a substantial (18kg) double-stack motor system. Inputs/outputs, LFE input (RCA), L/R stereo inputs (RCA), L/R link Inputs (RCA) and a link output (RCA Slave).

All inputs and outputs can be configured via the top-mounted control panel or remote to operate as direct links or have programmable filter settings. The control panel features a push/turn rotary encoder operation with variable phase, volume, low pass filter (independent input/output programmable), four EQ settings and input mode selection. Twelve-volt trigger, 9Pin D-connectors and an optional RF eye are provided for system control after custom installation. The GSW-12 is available in piano black finish or beautiful real wood veneers to match the GS range.



# Gold GS Series Specifications:

	Silver Lacquer	Walnut Real Wood Veneer	Black Lacquer	Natural Oak Real Wood Veneer	Cherry Real Wood Veneer	Santos Rosewood Real Wood veneer
Wood veneer & lacquer finishes						

\*All Gold Series loudspeakers come with grilles and a choice of lacquer and real wood veneer finishes.



	GS10	GS20	GS60	GS LCR	GSFX		GSW12
Frequency Response	40Hz - 43KHz	32Hz - 43KHz	28Hz - 43KHz	40Hz - 43KHz	60Hz - 43KHz	Low Frequency Limit	18Hz
Sensitivity (1W@1M)	88dB	89dB	90dB	89dB	86dB	Upper Frequency Limit	40 - 160 Hz Variable
Nominal Impedance	8 Ohms	6 Ohms	6 Ohms	8 Ohms	6 Ohms	Low Pass Filter	Active 4th order
Power Handling Single (RMS)	100W	150W	200W	150W	100W	Cabinet Specification	Sealed cabinet 25mm (1") M.D.F construction with radial cross bracing
Recommended Amp. Requirements	40-100W	40-150W	60-200W	40-150W	40-100W	Amplifier Output	600 Watts (RMS) 1200 watts (Peak)
Maximum SPL (dBA)	108	111	113	110	108	Amplifier Classification	Class - D amplifier
Bass Alignment	Rear ported - bass reflex	Dual chamber, bass reflex with differential tuning (HiVe®II)	Sealed mid-range enclosure. Dual chamber, bass reflex with differential tuning (HiVe®II)	Sealed enclosure	Sealed enclosure	Driver Complement	1 x 12" C-CAM subwoofer driver featuring triple suspension and 3" long-throw voice coil. Vented chassis design.
Tweeter Crossover Frequency Hz	2.7	2.7	2.7	2.7	2.7	Input Impedance	20K Ohms
Bass Crossover Frequency Hz	N/A	250	150	N/A	N/A	Mains Input Voltage	110 - 120 Vac / 220 - 240 Vac
Drive Unit Complement	1 x 165mm (6 1/2") RST®II cone mid-bass driver. 1 x 25mm (1") C-CAM® gold dome tweeter	1 x 165mm (6 1/2") RST®II cone bass driver. 1 x 165mm (6 1/2") RST®II cone mid-bass driver. 1 x 25mm (1") C-CAM® gold dome tweeter	2 x 165mm (6 1/2") RST®II cone bass driver. 1 x 165mm (6 1/2") RST®II cone mid-bass driver. 1 x 25mm (1") C-CAM® gold dome tweeter	2 x 165mm (6 1/2") RST®II cone mid-bass driver. 1 x 25mm (1") C-CAM® gold dome tweeter	1 x 165mm (6 1/2") RST®II bass-mid monopole driver. 1 x 25mm (1") C-CAM® gold dome tweeter 2 x 102mm (4") C-CAM and di-pole driver 2 x 25mm (1") C-CAM® gold dome di-pole tweeter	External Dimensions (H x W x D) mm (Inches) Exc feet, plinth & grille	390 x 390 x 420 (15 3/8 x 15 3/8 x 16 9/16)
External Dimensions (H x W x D) mm (Inches) Exc feet, plinth & grille	360 x 206 x 270 (14 3/16 x 8 1/8 x 10 5/8)	924 x 206 x 280 (36 3/8 x 8 1/8 x 11)	1060 x 206 x 330 (41 3/4 x 8 1/8 x 13)	206 x 560 x 270 (8 1/8 x 22 1/16 x 9 1/16)	310 x 390 x 160 (12 3/16 x 15 3/8 x 6 5/16)	External Dimensions (H x W x D) mm (Inches) Incl plinth	405 x 390 x 462 (15 15/16 x 15 3/8 x 18 3/16)
External Dimensions (H x W x D) mm (Inches) Incl plinth	N/A	934 x 322 x 363 (36 3/4 x 12 11/16 x 14 5/16)	1070 x 322 x 403 (42 1/8 x 12 11/16 x 15 7/8)	N/A	N/A	Weight (Each) Kg (lbs)	28 (61.5)
Weight (each) Kg (lbs)	8.5 (18.7)	20.6 (45.3)	27.1 (59.7)	12.5 (27.5)	11.5 (25.3)		



Monitor Audio Ltd  
24 Brook Road, Rayleigh  
Essex, SS6 7XJ  
England  
Tel: + 44 (0)1268 740580  
Fax: + 44 (0)1268 740589  
Email: [info@monitoraudio.co.uk](mailto:info@monitoraudio.co.uk)

[monitoraudio.co.uk](http://monitoraudio.co.uk)  
Designed in the United Kingdom