

Specifications

Model	Gold 100	Gold 200	Gold 300	Gold C250	Gold FX
System Format	2-way	3-way	3-way	3-way	2-way
Frequency Response (-6dB)	40 Hz – 50 kHz	35 Hz – 50 kHz	30 Hz – 50 kHz	40 Hz – 50 kHz	60 Hz – 50 kHz
Sensitivity dB (1W@1M)	86 dB	88 dB	90 dB	88 dB	86 dB
Nominal Impedance (Ohms)	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms
Minimum Impedance	2.8 Ohms @ 3.4 kHz	3.4 Ohms @ 1 kHz	3.5 Ohms @ 1 kHz	2.8 Ohms @ 3.7 kHz	3.7 Ohms @ 3 kHz
Maximum SPL (dBA)	110 dBA (Pair)	114 dBA (Pair)	117 dBA (Pair)	111 dBA (Each)	109 dBA (Pair)
Power Handling (RMS) (watts)	120 W	200 W	250 W	200 W	100 W
Recommended Amplifier Requirements (watts)	60 – 120 W	80 – 200 W	100 – 250 W	80 – 200 W	30 – 100 W
Bass Alignment	Bass Reflex. HiVe II port system	Bass Reflex Dual HiVe II port system	Bass Reflex Dual HiVe II port system	Sealed cabinet	Sealed cabinet
Crossover Frequency	2.5 kHz	L.F/ M.F: 650 Hz M.F/ H.F: 3.5 kHz	L.F/ M.F: 650 Hz M.F/ H.F: 3 kHz	L.F/ M.F: 1.2 kHz M.F/ H.F: 4 kHz	2.5 kHz
Drive Unit Complement	1 x 6 ^{1/2} " RDT II long-throw mid/bass driver 1 x MPD high-frequency transducer	2 x 6 ^{1/2} " RDT II long-throw bass drivers 1 x 2 ^{1/2} " C-CAM mid-range driver 1 x MPD high-frequency transducer	2 x 8" RDT II long-throw bass drivers 1 x 2 ^{1/2} " C-CAM mid-range driver 1 x MPD high-frequency transducer	2 x 6 ^{1/2} " RDT II long-throw bass drivers 1 x 2 ^{1/2} " C-CAM mid-range driver 1 x MPD high-frequency transducer	2 x 4" C-CAM bass/mid drivers 2 x MPD high-frequency transducers
External Dimensions (Including Grille and Terminals (H x W x D))	360 x 195 x 330.6 mm 14 ^{3/16} x 7 ^{11/16} x 13"	950 x 195 x 330.6 mm 37 ^{3/8} x 7 ^{11/16} x 13"	1000 x 240 x 360.6 mm 39 ^{3/8} x 9 ^{7/16} x 14 ^{3/16} "	205 x 537 x 330.6 mm 8 ^{1/16} x 21 ^{1/8} x 13"	270 x 341.8 x 160 mm 10 ^{5/8} x 13 ^{7/16} x 6 ^{5/16} "
External Dimensions (Including Outrigger Feet and Spikes (H x W x D))	N/A	997 x 282.8 x 387.8 mm 39 ^{1/4} x 11 ^{1/8} x 15 ^{1/4} "	1047 x 327.8 x 417.8 mm 41 ^{1/4} x 12 ^{7/8} x 16 ^{7/16} "	N/A	N/A
Weight (each)	9.12 kg 20 lb 2 oz	21.86 kg 48 lb 2 oz	30.56 kg 67 lb 4 oz	14.48 kg 31 lb 14 oz	6.2 kg 13 lb 10 oz
Finishes	Satin White, Dark Walnut, Piano Ebony, Piano Gloss Black				

Model	STAND (For use with Gold 100)
External Dimensions (H x W x D)	605.5 x 296.2 x 324.7 mm 23 ^{13/16} x 11 ^{11/16} x 12 ^{13/16} "
External Dimensions (Including Spikes (H x W x D))	625.5 x 296.2 x 324.7 mm 24 ^{5/8} x 11 ^{11/16} x 12 ^{13/16} "
Finishes	Black, White

E&OE All colours approximate.

For more information email info@monitoraudio.com

Additional technical details on the Gold Series are available at monitoraudio.com

Model	Gold W12 Subwoofer
System Format	Long-throw 12" driver featuring 'dished' C-CAM cone. Dual 200 mm ABR (auxiliary bass radiator). Front baffle 36 mm, cabinet 25 mm MDF construction with internal bracing and sealed amplifier compartment
Lower Frequency Limit	-3 dB @ 25 Hz / -10 dB @ 20 Hz (Free Field). Music preset (Default): -3 dB @ 19 Hz / -10 dB @ 16 Hz (In Room). Assignable low frequency limit protection filter: -3 dB @ 12 Hz
Upper Frequency Limit	-3 dB @ 150 Hz
Drive Unit Complement	1 x 12" C-CAM subwoofer driver featuring triple suspension and 3" long throw voice coil
Linear Driver Excursion	19 mm Peak to Peak, Total displacement 1.6 litres
Amplifier Output (watts)	600 W
Amplifier Classification	Class D with high current switch mode power supply (SMPSU)
DSP	50 MIPS DSP Core giving 512 instructions per sample, 138 dB of dynamic range and 56-bit double precision processing, dynamically updated by an up to 50 MHz MCU
Digital Conversion	24 bit/48 kHz ADC's & DAC's built into ADAU1701 DSP Core
LED UI Control Panel	Adjustable brightness 0% – 100%, configurable auto off feature. Quick access to menu items: Trim and Mute, LPF, Phase, Preset Select
Global Settings (via SubConnect)	Display Brightness (0 – 100%), Dim (to 10% or to Off), Default Preset, Mute Link Outputs, 12 V Trigger Assignment (Power On / Off or Preset select), Input gain (Master -80 to +20 dB, Trim -11 to +11 dB, Mute), Phase (0 – 360° in 15-degree steps), Night Mode Threshold (0 dB to -36 dB), Auto On / Off (Enable Signal Sense, Always On, Time to off 5 – 240 mins)
User Presets (via SubConnect)	4 fully configurable user Presets including, Preset Name, LPF Frequency (5 Hz Steps from 20 – 135 Hz), LPF Slope Order (-12 or -24 dB/Oct), Input (Stereo, LFE or Both), Trim Offset (-6 to +6 dB), EQ mode (Impact, Music, Movie or Default), User EQ (6 adjustable filters applied on top of EQ mode), Room EQ (On / Off), Night Mode (On / Off)
User Equalisation (via SubConnect)	6 fully controllable EQ filters and 4 default filters with gain offset per preset, Default settings: Flat / Music / Movie / Impact
Room Correction EQ	6 System controlled parametric EQ filters set using advanced detection algorithm. Measurement can be initiated from the control panel or the SubConnect with up to microphone 6 positions (default 2)
Night Mode	Night mode, assignable (On or Off) per Preset with global threshold (0 dB to -36 dB). Introduces dynamic range reduction lowering the level of loud sections
Phase Control	0 – 360 degrees Increments of 15 degrees with a pure invert at 180 degrees
Low Pass Filter Alignment	2nd or 4th order (12 or 24 dB/Octave), Increments of 5 Hz from 35 Hz to 135 Hz
Auto Sensing Input Requirements	Line Level >1mV on unbalanced and balanced inputs. Auto Standby feature, adjustable between 5 – 240 minutes in increments of 5 minutes
Digital Volume Level	-11 to +11 dB in 1 dB increments, via the control panel. -80 to +20 in 1 dB increments, via SubConnect application
IR Remote Control Code	Supplied IR remote. Front facing IR receiver with red LED indication
SubConnect (PC Application)	Windows (7 onwards) (32/64 bit) compatible setup application available from the Monitor Audio website. Allows the user to control advanced subwoofer setup features. Settings can be saved while not connected to the subwoofer for off-site setup
Audio Input/Outputs	LFE balanced input (XLR), LFE unbalanced input (RCA), stereo unbalanced inputs (RCA) LFE balanced output (XLR), LFE unbalanced output (RCA), stereo unbalanced outputs (link RCA)
Connection	12 V Trigger in (3.5 mm mono mini-jack, 6 V threshold), assignable to On/Off or Pre-set change, 3.5 mm Microphone input jack (mic supplied), RJ45 connector supporting RS232 (EIA/TIA - 561, Tx Pin 6, Rx Pin 5, Gnd Pin 4), IR repeater – Output (3.5 mm mono mini-jack), USB – Type B, for connecting to SubConnect PC application and Firmware update
Electrical Certifications	CE / CB/ ETL / FCC / CCC/ ErP (Energy saving compliant)
Mains Input Voltage	100 – 120 Vac ~60 Hz / 220 – 240 Vac ~50/60 Hz (Manually selected)
Power Consumption	Maximum 600 W, Standby <0.5 W (ErP compliance)
Fuse Type	20 mm T8AL 250 VAC
Weight (Unpacked)	26.98 kg / 59 lb 8.3 oz
External Dimensions (Including Amp, Drivers & Terminals (H x W x D))	413 x 410 x 433.5 mm 16 ^{1/4} x 16 ^{1/8} x 17 ^{1/16} "
External Dimensions (Including Amp, Drivers, Terminals & Feet (H x W x D))	445 x 410 x 433.5 mm 17 ^{1/2} x 16 ^{1/8} x 17 ^{1/16} "
Finishes	Satin White, Dark Walnut, Piano Ebony, Piano Gloss Black