

6010A and 8000 Series

	6010A	8020B	8030A	8040A	8050A
Drivers Bass Treble Both drivers are magnetically shielded	76 mm (3") 19 mm (3/4") metal dome	105 mm (4") 19 mm (3/4") metal dome	130 mm (5") 19 mm (3/4") metal dome	165 mm (6.5") 19 mm (3/4") metal dome	205 mm (8") 25 mm (1") metal dome
Lower cut-off frequency, -3 dB Upper cut-off frequency, -3 dB Free field frequency response of system	≤ 73 Hz ≥ 21 kHz 74 Hz – 18 kHz (± 2.5 dB)	≤ 65 Hz ≥ 21 kHz 66 Hz – 20 kHz (± 2.5 dB)	≤ 55 Hz ≥ 21 kHz 58 Hz – 20 kHz (± 2 dB)	≤ 45 Hz ≥ 21 kHz 48 Hz – 20 kHz (± 2 dB)	≤ 35 Hz ≥ 21 kHz 38 Hz – 20 kHz (± 2 dB)
Maximum short term sine wave acoustic output @ 1 m on axis in half space, averaged from 100 Hz to 3 kHz	≥ 93 dB SPL	≥ 95 dB SPL	≥ 100 dB SPL	≥ 105 dB SPL	≥ 110 dB SPL
Self generated noise level in free field @ 1 m on axis (A-weighted)	≤ 5 dB	≤ 10 dB	≤ 10 dB	≤ 10 dB	≤ 10 dB
Harmonic distortion (at given SPL @ 1 m on axis) Frequency:	@ 80 dB 70...400 Hz < 3 % > 400 Hz < 0.5 %	@ 85 dB 50...100 Hz < 3 % > 100 Hz < 0.5 %	@ 85 dB 50...100 Hz < 2 % > 100 Hz < 0.5 %	@ 90 dB 50...100 Hz < 2 % > 100 Hz < 0.5 %	@ 90 dB 50...100 Hz < 2 % > 100 Hz < 0.5 %
Crossover Crossover frequency Treble Tilt control (2 dB steps) Desktop Low Frequency control Bass Roll-Off control (2 dB steps, 8020A & 8030A – 6 dB step) Bass Tilt control (2 dB steps)	3 kHz n/a -4 dB @ 200 Hz n/a 0 to -6 dB @ 100 Hz	3 kHz 0 to -2 dB @ 15 kHz n/a -6 dB @ 85 Hz 0 to -6 dB @ 100 Hz	3 kHz 0 to -2 dB @ 15 kHz n/a -6 dB @ 85 Hz 0 to -6 dB @ 100 Hz	3 kHz +2 to -4 dB @ 15 kHz & Mute -4 dB @ 160 Hz 0 to -6 dB @ 45 Hz 0 to -6 dB @ 100 Hz & Mute	1.8 kHz +2 to -4 dB @ 15 kHz & Mute -4 dB @ 160 Hz 0 to -6 dB @ 35 Hz 0 to -6 dB @ 100 Hz & Mute
Bass amplifier output power Treble amplifier output power (Long term output power is limited by driver protection circuitry)	12 W (8 Ohm load) 12 W (8 Ohm load)	20 W (8 Ohm load) 20 W (8 Ohm load)	40 W (8 Ohm load) 40 W (8 Ohm load)	90 W (8 Ohm load) 90 W (8 Ohm load)	150 W (6 Ohm load) 120 W (8 Ohm load)
Signal to Noise ratio, referred to full output Bass Treble	≥ 95 dB ≥ 95 dB	≥ 95 dB ≥ 95 dB	≥ 100 dB ≥ 100 dB	≥ 100 dB ≥ 100 dB	≥ 100 dB ≥ 100 dB
Power consumption Idle Full output	5 VA 35 VA	5 VA 50 VA	10 VA 80 VA	10 VA 110 VA	10 VA 170 VA
Dimensions Height Width Depth Height with Iso-Pod™	181 mm (7 1/8") 121 mm (4 3/4") 114 mm (4 1/2") 195 mm (7 11/16")	226 mm (8 7/8") 151 mm (6") 142 mm (5 5/8") 242 mm (9 1/2")	285 mm (11 1/4") 189 mm (7 7/16") 178 mm (7 1/16") 299 mm (11 13/16")	350 mm (13 13/16") 237 mm (9 3/8") 223 mm (8 13/16") 365 mm (14 3/8")	433 mm (17 1/16") 286 mm (11 1/4") 278 mm (10 15/16") 452 mm (17 13/16")
Weight	1.4 kg (3.1 lb)	3.7 kg (8.1 lb)	5.6 kg (12.3 lb)	8.6 kg (18.9 lb)	12.7 kg (28 lb)

Detailed Data Sheets of all Genelec models, Quick Setup Guides and lots of other useful information can be downloaded at

www.genelec.com

1032A and Tri-amplified Monitors

	1032A	1037C	1038B	1038BC	1038CF
Drivers Bass Midrange Treble All drivers are magnetically shielded	254 mm (10") n/a 25 mm (1") metal dome	305 mm (12") 130 mm (5") 25 mm (1") metal dome	385 mm (15") 130 mm (5") 25 mm (1") metal dome	2 x 254 mm (10") 130 mm (5") 25 mm (1") metal dome	2 x 210 mm (8") 130 mm (5") 25 mm (1") metal dome
Lower cut-off frequency, -3 dB Upper cut-off frequency, -3 dB Free field frequency response of system	≤ 40 Hz ≥ 22 kHz 42 Hz – 21 kHz (± 2.5 dB)	≤ 35 Hz ≥ 22 kHz 37 Hz – 21 kHz (± 2.5 dB)	≤ 33 Hz ≥ 20 kHz 35 Hz – 20 kHz (± 2.5 dB)	≤ 33 Hz ≥ 20 kHz 35 Hz – 20 kHz (± 2.5 dB)	≤ 55 Hz ≥ 20 kHz 57 Hz – 20 kHz (± 2.5 dB)
Maximum peak acoustic output per pair at given distance with music material	≥ 124 dB SPL @ 1 m	≥ 123 dB SPL @ 2 m	≥ 124 dB SPL @ 2 m	≥ 124 dB SPL @ 2 m	≥ 124 dB SPL @ 2 m
Maximum short term sine wave acoustic output on axis in half space, averaged from 100 Hz to 3 kHz	≥ 113 dB SPL @ 1 m	≥ 116 dB SPL @ 1 m	≥ 120 dB SPL @ 1 m	≥ 120 dB SPL @ 1 m	≥ 117 dB SPL @ 1 m
Self generated noise level in free field on axis (A-weighted)	≤ 10 dB @ 1 m	≤ 15 dB @ 1 m	≤ 15 dB @ 1 m	≤ 15 dB @ 1 m	≤ 15 dB @ 1 m
Harmonic distortion @ 1 m on axis at given frequency range and SPL	@ 90 dB SPL 50...100 Hz < 1 % > 100 Hz < 0.5 %	@ 95 dB SPL 50...100 Hz < 3 % > 100 Hz < 0.5 %	@ 95 dB SPL 50...100 Hz < 1 % > 100 Hz < 0.5 %	@ 95 dB SPL 50...100 Hz < 1 % > 100 Hz < 0.5 %	@ 95 dB SPL 60...100 Hz < 1 % > 100 Hz < 0.5 %
Crossover Crossover frequencies Treble Tilt control in 2 dB steps Level control in 1 dB steps Bass Midrange Treble Bass Roll-Off control in 2 dB steps Bass Tilt control in 2 dB steps	1.8 kHz +2 to -4 dB @ 15 kHz & Mute n/a n/a n/a 0 to -8 dB @ 40 Hz 0 to -6 dB @ 100 Hz & Mute	420 Hz, 3.2 kHz n/a 0 to -6 dB & Mute 0 to -6 dB & Mute 0 to -6 dB & Mute 0 to -8 dB @ 35 Hz 0 to -8 dB @ 80 Hz	410 Hz, 3 kHz n/a 0 to -6 dB & Mute 0 to -6 dB & Mute 0 to -6 dB & Mute 0 to -8 dB @ 33 Hz 0 to -8 dB @ 80 Hz	410 Hz, 3 kHz n/a 0 to -6 dB & Mute 0 to -6 dB & Mute 0 to -6 dB & Mute 0 to -8 dB @ 33 Hz 0 to -8 dB @ 80 Hz	420 Hz, 3 kHz n/a 0 to -6 dB & Mute 0 to -6 dB & Mute 0 to -6 dB & Mute 0 to -8 dB @ 55 Hz 0 to -8 dB @ 80 Hz
Bass amplifier short term output power Midrange amplifier short term output power Treble amplifier short term output power (Long term output power is limited by driver protection circuitry)	180 W (4 Ohm load) n/a 120 W (8 Ohm load)	180 W (4 Ohm load) 120 W (8 Ohm load) 120 W (8 Ohm load)	400 W (8 Ohm load) 120 W (8 Ohm load) 120 W (8 Ohm load)	2 x 200 W (8 Ohm load) 120 W (8 Ohm load) 120 W (8 Ohm load)	180 W (4 Ohm load) 120 W (8 Ohm load) 120 W (8 Ohm load)
Signal to Noise ratio, referred to full output Bass Midrange Treble	≥ 100 dB n/a ≥ 100 dB	≥ 100 dB ≥ 100 dB ≥ 100 dB	≥ 100 dB ≥ 100 dB ≥ 100 dB	≥ 100 dB ≥ 100 dB ≥ 100 dB	≥ 100 dB ≥ 100 dB ≥ 100 dB
Power consumption Idle Full output	50 VA 200 VA	50 VA 300 VA	60 VA 500 VA	60 VA 500 VA	50 VA 300 VA
Loudspeaker dimensions Height Width Depth Amplifier dimensions Height Width Depth	495 mm (19 ¹ / ₂ "") 320 mm (12 ⁷ / ₈ "") 290 mm (11 ⁷ / ₁₆ "") Integrated in the loudspeaker cabinet	680 mm (26 ³ / ₄ "") 400 mm (15 ⁷ / ₈ "") 380 mm (14 ⁵ / ₁₆ "") Integrated in the loudspeaker cabinet	810 mm (31 ⁷ / ₈ "") 480 mm (18 ⁷ / ₈ "") 420 mm (16 ⁵ / ₁₆ "") Integrated in the loudspeaker cabinet	350 mm (13 ³ / ₄ "") 950 mm (37 ³ / ₈ "") 453 mm (17 ⁷ / ₈ "") 530 mm (20 ⁷ / ₈ "") 480 mm (18 ⁷ / ₈ "") 113 mm (4 ⁷ / ₁₆ "")	610 mm (24") 470 mm (18 ¹ / ₂ "") 235 mm (9 ³ / ₄ "") Integrated in the loudspeaker cabinet
Weight Loudspeaker Amplifier	21.7 kg (48 lb)	37 kg (82 lb)	60 kg (130 lb)	60 kg (130 lb) 14 kg (31 lb)	39 kg (87 lb)

Main Monitors

	1034B	1034BC	1039A	1035B	1036A
Drivers Bass Midrange Treble All drivers are magnetically shielded	2 x 305 mm (12") 130 mm (5") 25 mm (1") metal dome	2 x 305 mm (12") 130 mm (5") 25 mm (1") metal dome	2 x 385 mm (15") 130 mm (5") 25 mm (1") metal dome	2 x 385 mm (15") 2 x 130 mm (5") 25 mm (1") compression driver	2 x 460 mm (18") 2 x 130 mm (5") 25 mm (1") compression driver
Lower cut-off frequency, -3 dB Upper cut-off frequency, -3 dB Free field frequency response of system	≤ 32 Hz ≥ 20 kHz 33 Hz – 20 kHz (± 2.5 dB)	≤ 32 Hz ≥ 20 kHz 33 Hz – 20 kHz (± 2.5 dB)	≤ 29 Hz ≥ 20 kHz 31 Hz – 20 kHz (± 2.5 dB)	≤ 29 Hz ≥ 22 kHz 30 Hz – 20 kHz (± 2.5 dB)	≤ 19 Hz ≥ 22 kHz 21 Hz – 20 kHz (± 2.5 dB)
Maximum peak acoustic output per pair @ 2 m distance with music material	≥ 125 dB SPL	≥ 125 dB SPL	≥ 126 dB SPL	≥ 136 dB SPL	≥ 136 dB SPL
Maximum short term sine wave acoustic output @ 1 m on axis in half space, averaged from 100 Hz to 3 kHz	≥ 123 dB SPL	≥ 123 dB SPL	≥ 126 dB SPL	≥ 131 dB SPL	≥ 131 dB SPL
Self generated noise level in free field @ 2 m on axis (A-weighted)	≤ 15 dB	≤ 15 dB	≤ 15 dB	≤ 20 dB	≤ 20 dB
Harmonic distortion (@ 95 dB SPL @ 1 m on axis) at given frequency range	50...200 Hz < 1 % 200 Hz...10 kHz < 0.5 %	50...200 Hz < 1 % 200 Hz...10 kHz < 0.5 %	50...200 Hz < 1 % 200 Hz...10 kHz < 0.5 %	50...200 Hz < 1 % 200 Hz...4 kHz < 0.5 % > 4 kHz < 3 %	50...200 Hz < 1 % 200 Hz...4 kHz < 0.5 % > 4 kHz < 3 %
Crossover Crossover frequencies Level control in 1 dB steps Bass Midrange Treble Bass Roll-Off control in 2 dB steps Bass Tilt control in 2 dB steps Treble Roll-Off control in 1 dB steps	400 Hz, 3.2 kHz from 0 to -6 dB & Mute from 0 to -6 dB & Mute from 0 to -6 dB & Mute from 0 to -8 dB @ 32 Hz from 0 to -8 dB @ 50 Hz n/a	400 Hz, 3.2 kHz 0 to -6 dB & Mute 0 to -6 dB & Mute 0 to -6 dB & Mute 0 to -8 dB @ 32 Hz 0 to -8 dB @ 50 Hz n/a	400 Hz, 3.2 kHz 0 to -6 dB & Mute 0 to -6 dB & Mute 0 to -6 dB & Mute 0 to -8 dB @ 29 Hz 0 to -8 dB @ 50 Hz n/a	400 Hz, 3.5 kHz 0 to -6 dB & Mute 0 to -6 dB & Mute 0 to -6 dB & Mute 0 to -8 dB @ 30 Hz 0 to -8 dB @ 50 Hz +1 to -3 dB @ 15 kHz	400 Hz, 3.5 kHz 0 to -6 dB & Mute 0 to -6 dB & Mute 0 to -6 dB & Mute 0 to -8 dB @ 30 Hz 0 to -8 dB @ 50 Hz +1 to -3 dB @ 15 kHz
Bass amplifier short term output power Midrange amplifier short term output power Treble amplifier short term output power (Long term output power is limited by driver protection circuitry)	2 x 400 W (8 Ohm load) 350 W (8 Ohm load) 120 W (8 Ohm load)	2 x 400 W (8 Ohm load) 350 W (8 Ohm load) 120 W (8 Ohm load)	2 x 400 W (8 Ohm load) 350 W (8 Ohm load) 120 W (8 Ohm load)	2 x 1100 W (8 Ohm load) 600 W (4 Ohm load) 300 W (8 Ohm load)	2 x 1100 W (8 Ohm load) 600 W (4 Ohm load) 300 W (8 Ohm load)
Signal to Noise ratio, referred to full output Bass Midrange Treble	≥ 100 dB ≥ 100 dB ≥ 100 dB	≥ 100 dB ≥ 100 dB ≥ 100 dB	≥ 100 dB ≥ 100 dB ≥ 100 dB	≥ 101 dB ≥ 105 dB ≥ 106 dB	≥ 101 dB ≥ 105 dB ≥ 106 dB
Power consumption Idle Full output	70 VA 1000 VA	70 VA 1000 VA	70 VA 1000 VA	150 VA 3500 VA	150 VA 3500 VA
Loudspeaker dimensions Height Width Depth Amplifier dimensions Height Width Depth Weight Loudspeaker Amplifier	700 mm (27 ³ / ₁₆ "") 890 mm (35") 383 mm (15 ¹ / ₁₆ "") 310 mm (12 ³ / ₁₆ "") 483 mm (19") 250 mm (9 ¹³ / ₁₆ "") 73 kg (161 lb) 30 kg (66 lb)	489 mm (19 ¹ / ₄ "") 1210 mm (47 ³ / ₈ "") 412 mm (16 ¹ / ₄ "") 310 mm (12 ³ / ₁₆ "") 483 mm (19") 250 mm (9 ¹³ / ₁₆ "") 84 kg (185 lb) 30 kg (66 lb)	820 mm (32 ⁵ / ₁₆ "") 1050 mm (41 ⁵ / ₁₆ "") 550 mm (21 ³ / ₈ "") 310 mm (12 ³ / ₁₆ "") 483 mm (19") 250 mm (9 ¹³ / ₁₆ "") 115 kg (253 lb) 30 kg (66 lb)	820 mm (32 ⁵ / ₁₆ "") 1105 mm (43 ¹ / ₂ "") 775 mm (30 ¹ / ₂ "") 755 mm (29 ³ / ₄ "") 483 mm (19") 370 mm (14 ⁹ / ₁₆ "") 142 kg (313 lb) 71 kg (156 lb)	960 mm (37 ³ / ₄ "") 1180 mm (46 ¹ / ₂ "") 650 mm (25 ⁵ / ₈ "") 755 mm (29 ³ / ₄ "") 483 mm (19") 370 mm (14 ⁹ / ₁₆ "") 182 kg (401 lb) 71 kg (156 lb)

DSP Loudspeaker Systems

	8240A	8250A	8260A	7260A	7270A	7271A
Drivers Bass Midrange Treble All drivers are magnetically shielded	165 mm (6.5") n/a 19 mm (3/4") metal dome	205 mm (8") n/a 25 mm (1") metal dome	255 mm (10") 120 mm Coax Al-cone 19 mm (3/4") Coax Al-dome	254 mm (10") n/a n/a	305 mm (12") n/a n/a	2 x 305 mm (12") n/a n/a
Free field frequency response of system	48 Hz - 20 kHz (± 1 dB)	38 Hz - 20 kHz (± 1 dB)	29 Hz - 21 kHz (± 1 dB)	19 Hz - 100 Hz (± 3 dB)	19 Hz - 100 Hz (± 3 dB)	19 Hz - 100 Hz (± 3 dB)
Maximum peak SPL output per pair on top of console @ 1 m with music material	≥ 115 dB SPL	≥ 120 dB SPL	≥ 123 dB SPL	n/a	n/a	n/a
Maximum short term sine wave SPL output @ 1 m on axis in half space, averaged as specified	(from 100 Hz to 3 kHz) ≥ 105 dB SPL	(from 100 Hz to 3 kHz) ≥ 110 dB SPL	(from 100 Hz to 3 kHz) ≥ 113 dB SPL	(from 30 Hz to 85 Hz) ≥ 108 dB SPL	(from 30 Hz to 85 Hz) ≥ 112 dB SPL	(from 30 Hz to 85 Hz) ≥ 118 dB SPL
Crossover frequency	3 kHz	1.8 kHz	490 Hz, 3 kHz	n/a	n/a	n/a
Self generated noise level in free field @ 1 m on axis (A-weighted)	≤ 10 dB	≤ 10 dB	≤ 5 dB	≤ 15 dB	≤ 15 dB	≤ 15 dB
Harmonic distortion at 90 dB SPL @ 1 m on axis Freq: 50...100 Hz > 100 Hz	< 2 % < 0.5 %	< 2 % < 0.5 %	< 1 % < 0.5 %	n/a n/a	n/a n/a	n/a n/a
Harmonic distortion at given dB SPL @ 1 m in half space 2nd 3rd	n/a n/a	n/a n/a	n/a n/a	@ 90 dB SPL from 30 to 85 Hz ≤ 3 % ≤ 3 %	@ 95 dB SPL from 30 to 85 Hz ≤ 3 % ≤ 3 %	@ 100 dB SPL from 30 to 85 Hz ≤ 3 % ≤ 3 %
Input signal Analog AES/EBU (single wire and dual wire)	1 XLR female 1 XLR female	1 XLR female 1 XLR female	1 XLR female 1 XLR female	n/a 4 XLR female	n/a 4 XLR female	n/a 4 XLR female
Output / Thru signal AES/EBU (single wire and dual wire)	1 XLR male	1 XLR male	1 XLR male	4 XLR male	4 XLR male	4 XLR male
Digital audio Word length Sample rate	16 - 24 bits 32 - 192 kHz	16 - 24 bits 32 - 192 kHz	16 - 24 bits 32 - 192 kHz	16 - 24 bits 32 - 192 kHz	16 - 24 bits 32 - 192 kHz	16 - 24 bits 32 - 192 kHz
Control network Type Connection	proprietary GLM™ network 2 RJ45, CAT5 cables	proprietary GLM™ network 2 RJ45, CAT5 cables	proprietary GLM™ network 2 RJ45, CAT5 cables	proprietary GLM™ network 2 RJ45, CAT5 cables	proprietary GLM™ network 2 RJ45, CAT5 cables	proprietary GLM™ network 2 RJ45, CAT5 cables
GLM™ software frequency response adjustment* Notch filters Shelving filters	2 LF and 2 HF 2 LF and 2 HF	2 LF and 2 HF 2 LF and 2 HF	4 LF and 2 HF 2 LF and 2 HF	4 LF n/a	4 LF n/a	4 LF n/a
System calibration *	AutoCal™, GLM™ manual, Stand-alone	AutoCal™, GLM™ manual, Stand-alone	AutoCal™, GLM™ manual, Stand-alone	AutoCal™, GLM™ manual, Stand-alone	AutoCal™, GLM™ manual, Stand-alone	AutoCal™, GLM™ manual, Stand-alone
Bass amplifier output power Midrange amplifier output power Treble amplifier output power (Long term output power is limited by driver protection circuitry)	90 W n/a 90 W	150 W n/a 120 W	150 W 120 W 120 W	120 W 120 W n/a	250 W n/a n/a	500 W n/a n/a
Power consumption Idle Full output	14 VA 110 VA	17 VA 170 VA	26 VA 330 VA	15 VA 150 VA	21 VA 250 VA	36 VA 500 VA
Dimensions Height Width Depth Height with Iso-Pod™	350 mm (13 ^{13/16} " ^u) 237 mm (9 ^{3/8} " ^u) 223 mm (8 ^{13/16} " ^u) 365 mm (14 ^{3/8} " ^u)	433 mm (17 ^{1/16} " ^u) 286 mm (11 ^{1/16} " ^u) 278 mm (10 ^{15/16} " ^u) 452 mm (17 ^{13/16} " ^u)	570 mm (22 ^{7/16} " ^u) 357 mm (14 ^{1/16} " ^u) 347 mm (13 ^{5/16} " ^u) 593 mm (23 ^{3/8} " ^u)	527 mm (20 ^{3/4} " ^u) 462 mm (18 ^{3/16} " ^u) 363 mm (14 ^{5/16} " ^u) n/a	625 mm (24 ^{5/8} " ^u) 555 mm (21 ^{7/8} " ^u) 490 mm (19 ^{5/16} " ^u) n/a	755 mm (29 ^{3/4} " ^u) 803 mm (31 ^{5/8} " ^u) 490 mm (19 ^{5/16} " ^u) n/a
Weight	9.4 kg (20.8 lb)	14.6 kg (32 lb)	27.5 kg (60.5 lb)	27 kg (59 lb)	51 kg (112 lb)	82 kg (180 lb)

Genelec Loudspeaker Manager™ (GLM™) Software Kit

- GLM™ features connectivity for up to twenty-five 8200 series loudspeakers and up to five 7200 series subwoofers
- Enables multiple custom User Setups with all settings and functions able to be stored in GLM™ setup or directly to each loudspeaker
- Step-by-step Wizard guides user through complete cabling connections and speaker labeling
- Rapid Cabling setups for most common system configurations
- Manual Cabling setups for customized system configurations
- Groups for both Channels and Loudspeakers may be customized by User
- Solo/Mute function for all Loudspeakers and Groups
- Volume controlled via computer, 3rd party USB device or customer console
- Video Display Compensation for inherent video delays in digital video devices
- GLM™ provides interface to AutoCal™ automated acoustical self-calibration algorithm
- Support for up to 24 (AES/EBU single-wire) or 12 (analog, AES/EBU dual-wire) audio channels
- GLM™ supports Windows XP, Vista and Mac OS X 10.4 or later operating systems

Major components included:

- GLM™ interface device
- 8200A Calibration microphone and holder
- USB cable
- Measurement signal cable
- Software CD
- System Operating Manual

GLM™ Multiroom Expansion Kit

Major components included:

- GLM™ interface device
- GLM network cable
- USB cable

* The notch and shelving filters adjustments, AutoCal™ and GLM™ manual system calibration features are part of the Genelec Loudspeaker Manager (GLM™) software

GLM.SE DSP System SE7261A Subwoofer and 8130A Digital Input Monitor

	8130A	SE7261A
Drivers Bass Treble All drivers are magnetically shielded	130 mm (5") 19 mm (3/4") metal dome	254 mm (10") n/a
Free field frequency response of system	58 Hz - 20 kHz (± 2 dB)	19 Hz - 100 Hz (± 3 dB)
Maximum peak SPL output per pair on top of console @ 1 m with music material	≥ 108 dB SPL	n/a
Maximum short term sine wave SPL output @ 1 m on axis in half space, averaged as specified	(from 100 Hz to 3 kHz) ≥ 100 dB SPL	(from 30 Hz to 85 Hz) ≥ 108 dB SPL
Crossover frequency	3 kHz	n/a
Self generated noise level in free field @ 1 m on axis (A-weighted)	≤ 10 dB	≤ 15 dB
Harmonic distortion at 85 dB SPL @ 1 m on axis Freq: 50...100 Hz > 100 Hz	< 2 % < 0.5 %	n/a n/a
Harmonic distortion at given dB SPL @ 1 m in half space 2nd 3rd	n/a n/a	@ 90 dB SPL from 30 to 85 Hz ≤ 3 % ≤ 3 %
Input signal Analog AES/EBU (single wire)	1 XLR female 1 XLR female Single dual acting connector	n/a 4 XLR female
Output / Thru signal AES/EBU (single wire)	1 XLR male	4 XLR male
Digital audio Word length Sample rate	16 - 24 bits 32 - 192 kHz	16 - 24 bits 32 - 192 kHz
Control network Type Connection	n/a	proprietary GLM™ network 2 RJ45, CAT5 cables
GLM™ software frequency response adjustment * Notch filters	2 (at the high pass filters of the SE7261A)	4 LF
System calibration *	AutoCal™, GLM.SE™ manual, DIP switches	AutoCal™, GLM.SE™ manual, Stand-alone
Bass amplifier output power Treble amplifier output power (Long term output power is limited by driver protection circuitry)	40 W 40 W	120 W n/a
Power consumption Idle Full output	15 VA 80 VA	15 VA 150 VA
Dimensions Height Width Depth Height with Iso-Pod™	285 mm (11 ¹ / ₁₆ ") 189 mm (7 ⁷ / ₁₆ ") 178 mm (7 ¹ / ₁₆ ") 299 mm (11 ¹³ / ₁₆ ")	527 mm (20 ³ / ₁₆ ") 462 mm (18 ³ / ₁₆ ") 363 mm (14 ³ / ₁₆ ") n/a
Weight	5.6 kg (12.3 lb)	27 kg (59 lb)

(GLM.SE™) Small Environment DSP System Software

- GLM.SE™ provides connectivity for one SE7261A DSP subwoofer combined with up to eight 8130A digital input loudspeakers
- Enables multiple custom User Setups with all settings and functions able to be stored in GLM.SE™ setup or directly to the SE7261A subwoofer
- Step-by-step Wizard guides user through complete cabling connections and loudspeaker labeling
- Rapid Cabling setups for most common system configurations
- Manual Cabling setups for customized system configurations
- Groups for both Channels and Loudspeakers may be customized by User
- Solo/Mute function for all Loudspeakers and Groups
- Volume controlled via computer, 3rd party USB device or customer console
- Video Display Compensation for inherent video delays in digital video devices
- GLM.SE™ supports Windows XP and Mac OS X operating systems
- GLM.SE™ provides interface to AutoCal™ automated acoustic self-calibration algorithm

Major components included:

- GLM™ interface device
- 8200A Calibration microphone and holder
- USB cable
- Measurement signal cable
- Software CD
- System Operating Manual

Active Subwoofers

	5040A	7050B	7060B	7070A	7071A	7073A	
Driver	165 mm (6 $\frac{1}{2}$ ")	205 mm (8")	254 mm (10")	305 mm (12")	2 x 305 mm (12")	4 x 305 mm (12")	
Free field frequency response	35 - 85 Hz (± 3 dB)	25 - 85 Hz (± 3 dB)	19 - 85 Hz (± 3 dB)	19 - 85 Hz (± 3 dB)	19 - 85 Hz (± 3 dB)	19 - 85 Hz (± 3 dB)	
Maximum short term sine wave SPL output @ 1 m in half space	≥ 98 dB averaged from 40 to 85 Hz	≥ 100 dB averaged from 30 to 85 Hz	≥ 108 dB averaged from 30 to 85 Hz	≥ 112 dB averaged from 30 to 85 Hz	≥ 118 dB averaged from 30 to 85 Hz	≥ 124 dB averaged from 30 to 85 Hz	
Self generated noise level in free field @ 1 m on axis (A-weighted)	≤ 15 dB	≤ 15 dB	≤ 15 dB	≤ 15 dB	≤ 15 dB	≤ 15 dB	
Harmonic distortion @ 1 m on axis in half space	@ 85 dB SPL 30 to 85 Hz 2nd ≤ 4 % 3rd ≤ 1 %	@ 90 dB SPL 30 to 85 Hz ≤ 4 % ≤ 1 %	@ 95 dB SPL 30 to 85 Hz ≤ 2 % ≤ 3 %	@ 95 dB SPL 30 to 85 Hz ≤ 3 % ≤ 3 %	@ 100 dB SPL 30 to 85 Hz ≤ 3 % ≤ 3 %	@ 105 dB SPL 30 to 85 Hz ≤ 2 % ≤ 2 %	
Input channels	5 + LFE (RCA) 3.5 mm stereo jack	5 + LFE (XLR)	6 + LFE (XLR)	6 + LFE (XLR)	6 + LFE (XLR)	6 + LFE (XLR)	
Output channels	5 (RCA, high pass filtered at 85 Hz)	5 (XLR, unfiltered)	6 (XLR, high pass filtered at 85 Hz)	6 (XLR, high pass filtered at 85 Hz)	6 (XLR, high pass filtered at 85 Hz)	6 (XLR, high pass filtered at 85 Hz)	
Sum Out channel	n/a	n/a	1	1	1	1	
Controls	Bass Roll-Off Phase adjustment Selectable LFE lowpass filtering 85/120 Hz LFE sensitivity 0 / +10 dB Bypass Redirect function for LFE frequencies >85 Hz Test tone for phase adjustment Sum in mode	0 / -2 / -4 / -6 dB @ 35 Hz 0 / -90° / -180° / -270° n/a Yes Yes n/a n/a n/a n/a	0 / -2 / -4 / -6 dB @ 26 Hz 0 / -90° / -180° / -270° Yes Yes Yes Yes Yes Yes	0 / -2 / -4 / -6 dB @ 20 Hz 0 / -90° / -180° / -270° Yes Yes Yes Yes Yes Yes	0 / -2 / -4 / -6 dB @ 20 Hz 0 / -90° / -180° / -270° Yes Yes Yes Yes Yes Yes	0 / -2 / -4 / -6 dB @ 20 Hz 0 / -90° / -180° / -270° Yes Yes Yes Yes Yes Yes	0 / -2 / -4 / -6 dB @ 20 Hz 0 / -90° / -180° / -270° Yes Yes Yes Yes Yes Yes
Amplifier short term output power	40 W	70 W	120 W	250 W	500 W	1000 W	
Power consumption	Idle Full output	7 VA 70 VA	11 VA 120 VA	15 VA 150 VA	15 VA 250 VA	30 VA 500 VA	
Dimensions	Height Width Depth	251 mm (9 $\frac{7}{8}$ ") Diameter 305 mm (12")	410 mm (16 $\frac{1}{8}$ ") 350 mm (13 $\frac{3}{4}$ ") 319 mm (12 $\frac{9}{16}$ ")	527 mm (20 $\frac{3}{4}$ ") 462 mm (18 $\frac{7}{16}$ ") 363 mm (14 $\frac{5}{16}$ ")	625 mm (24 $\frac{5}{8}$ ") 555 mm (21 $\frac{7}{8}$ ") 490 mm (19 $\frac{5}{16}$ ")	755 mm (29 $\frac{3}{4}$ ") 803 mm (31 $\frac{5}{8}$ ") 490 mm (19 $\frac{5}{16}$ ")	
Weight	6.3 kg (13.9 lb)	18 kg (39.6 lb)	26 kg (57 lb)	50 kg (110 lb)	81 kg (178 lb)	120 kg (265 lb)	

International enquiries:
Genelec, Olivitie 5
FIN-74100, Iisalmi, Finland
Phone +358 17 83 881
Fax +358 17 812 267
Email genelec@genelec.com

In Sweden please contact:
Genelec Sverige
Ellipsvägen 10B
P.O. Box 5521, S-141 05
Huddinge, Sweden
Phone +46 8 449 5220
Fax +1 46 8 708 7071
Email info@genelec.com

In the U.S. please contact:
Genelec, Inc., 7 Tech Circle
Natick, MA 01760
USA
Phone +1 508 652 0900
Fax +1 508 652 0909
Email genelec.usa@genelec.com

In China please contact:
Beijing Genelec Audio Co. Ltd.
Jianwai SOHO, Tower 12, Room 2605
39 East 3rd Ring Road
Chaoyang District
Beijing 100022, China
Phone +86 10 5869 7915, Fax +86 10 5869 7914

Detailed Data Sheets of all Genelec models,
Quick Setup Guides and lots of other useful
information can be downloaded at

www.genelec.com

GENELEC®