

Technical data	Artist	S1(A)	S2(A)	S2.5(A)	S3(A)	S4(A)
<b>Woofer/Subwoofer</b>	1	1	1	1	2	2
Basket ø	155 mm 5"	155 mm 5"	186 mm 7"	228 mm 8"	186 mm 7"	228 mm 8"
Free air resonance	48 Hz	48 Hz	40 Hz	31 Hz	40 Hz	31 Hz
Voive coil ø	25 mm 1"	25 mm 1"	39 mm 1.5"	39 mm 1.5"	39 mm 1.5"	39 mm 1.5"
Cone material	Rohacell	HexaCone®	HexaCone®	HexaCone®	HexaCone®	HexaCone®
<b>A.R.T. Midrange</b>	•	•	•	•	•	1
Diaphragm area	•	•	•	•	•	213 cm <sup>2</sup> 33 in. <sup>2</sup>
Equiv. diaphragm ø	•	•	•	•	•	16,5 cm 6.4"
Velocity transformation ratio	•	•	•	•	•	3,5:1
Diaphragm weight	•	•	•	•	•	0,70 g
<b>A.R.T. Tweeter</b>	1	1	1	1	1	1
Diaphragm area	71 cm <sup>2</sup> 11 in. <sup>2</sup>	71 cm <sup>2</sup> 11 in. <sup>2</sup>	71 cm <sup>2</sup> 11 in. <sup>2</sup>	71 cm <sup>2</sup> 11 in. <sup>2</sup>	71 cm <sup>2</sup> 11 in. <sup>2</sup>	71 cm <sup>2</sup> 11 in. <sup>2</sup>
Equiv. diaphragm ø	95 mm 3.7"	95 mm 3.7"	95 mm 3.7"	95 mm 3.7"	95 mm 3.7"	95 mm 3.7"
Velocity transformation ratio	4:1	4:1	4:1	4:1	4:1	4:1
Diaphragm weight	0,17 g	0,17 g	0,17 g	0,17 g	0,17 g	0,17 g
<b>Power handling</b> sin/music	•	60 W/100 W	120 W/180 W	120 W/180 W	240 W/360 W	240 W/400 W
Efficiency (average)	•	86 dB/W/m	87 dB/W/m	88 dB/W/m	89 dB/W/m	90 dB/W/m
Built in amps	2	(2)	(2)	(2)	(3)	(4)
Subwoofer (1/2)*	•	•	•	•	(150 W/200 W)	(250 W/300 W)
Woofer (1/2)*	50 W / 80 W	(100 W/120 W)	(150 W/200 W)	(150 W/200 W)	(150 W/200 W)	(250 W/300 W)
Midrange (1/2)*	•	•	•	•	•	(150 W/200 W)
Tweeter (1/2)*	50 W / 80 W	(100 W/120 W)	(150W/200 W)	(150 W/200 W)	(150 W/200 W)	(150 W/200 W)
<b>Control panel *</b>						
Input Sensitivity	-40 dB ... +12 dB	(±10 dB)	(±10 dB)	(±10 dB)	(±10 dB)	(±10 dB)
Tweeter level	±4 dB	(±4 dB)	(±4 dB)	(±4 dB)	(±4 dB)	(±4 dB)
Room EQ >6kHz	±6 dB	(±6 dB)	(±6 dB)	(±6 dB)	(±6 dB)	(±6 dB)
Mid level	•	•	•	•	•	(±2 dB)
Room EQ <150Hz	±6 dB	(±6 dB)	(±6 dB)	(±6 dB)	(±6 dB)	(±6 dB)
<b>General Data</b>						
Frequency response ±3dB	52 Hz - 35 kHz	45(40 Hz) - 35 kHz	40(35 Hz) - 35 kHz	38(34 Hz) - 35 kHz	35(32 Hz) - 35 kHz	32(30 Hz) - 35 kHz
THD >80Hz	> 100 Hz: < 1%	≤1,5%	≤0,8%	≤0,6%	≤0,5%	≤0,5%
SPL max in 1m	≥ 102 dB SPL	≥103 dB	≥108 dB	≥110 dB	≥112 dB	≥114 dB
Crossover frequencies	2.200 Hz	2.200 Hz	1.800 Hz	1.800 Hz	150/1.800 Hz	120/800/2.800 Hz
Input impedance	10 kΩ	4 Ω (10 kΩ)	4 Ω (10 kΩ)	4 Ω (10 kΩ)	4 Ω (10 kΩ)	4 Ω (10 kΩ)
Weight	6 kg 13.2 lb.	6 kg (8 kg) 13.2 lb./ (17.6 lb.)	11 kg (13 kg) 24.2 lb./ (28.6 lb.)	12 kg (15 kg) 26.4 lb./ (33 lb.)	14 kg (16 kg) 31 lb./ (35.3 lb.)	30 kg (32 kg) 66.1 lb./ (70.5 lb.)
Magnetic shielding	yes	yes	optional	optional	optional	optional
Width x Height x Depth	19x25x21,8 cm	17x30x26 cm	22x37x32 cm	28x45x30 cm	50x24x32 cm	68x36x45 cm
Warranty	2 years	5 (2) years	5 (2) years	5 (2) years	5 (2) years	5 (2) years

( ) = active versions

\*1 = long term IEC 265-8-Wrms / 10 min

\*2 = nominal IEC 265-8 = Peak Power 5 µsec

\* = the S1A panel is located on the backside

Technical data	S4C(A)	S4V(A) Mk 2	S5(A) Mk 2	S5V(A) Mk 2	S6(A) MK 2	MP1
<b>Woofers/Subwoofers</b>	2	1/1	1/2	1/1	2/2	1
Basket ø	228 mm 8"	155 mm / 315 mm 5" / 12"	155 mm / 280 mm 5" / 11"	228 mm/310 mm 8"/12"	186 mm/310 mm 7"/12"	315 mm 12"
Free air resonance	31 Hz	48 Hz/26 Hz	48 Hz/23 Hz	31 Hz/23 Hz	40 Hz/18 Hz	18 Hz
Voice coil ø	39 mm 1.5"	25 mm/62 mm 1" / 2,5"	25 mm/50 mm 1" / 2"	39 mm/62 mm 1.5"/ 2.5"	39 mm/62 mm 1.5"/2.5"	62 mm 2.5"
Cone material	HexaCone®	HexaCone®	HexaCone®	HexaCone®	HexaCone®	HexaCone® / Ceramik
<b>Midrange</b>	1	•	2	1	2	1
Diaphragm area	213 cm <sup>2</sup> 33 in. <sup>2</sup>	•	213cm <sup>2</sup> 33in. <sup>2</sup>	213cm <sup>2</sup> 33in. <sup>2</sup>	213cm <sup>2</sup> 33in. <sup>2</sup>	213cm <sup>2</sup> 33in. <sup>2</sup>
Equiv. diaphragm ø	16,5 cm 6.4"	•	165mm 6.4"	165mm 6.4"	165mm 6.4"	165mm 6.4"
Speed transf. ratio	3,5:1	•	3,5:1	3,5:1	3,5:1	3,5:1
Diaphragm weight	0,70 g	•	0,7g	0,7g	0,7g	0,7g
<b>A.R.T. Tweeter</b>	1	1	1	1	1	1
Diaphragm area	71 cm <sup>2</sup> 11 in. <sup>2</sup>	71 cm <sup>2</sup> 11 in. <sup>2</sup>	71 cm <sup>2</sup> 11 in. <sup>2</sup>	71 cm <sup>2</sup> 11 in. <sup>2</sup>	71 cm <sup>2</sup> 11 in. <sup>2</sup>	71 cm <sup>2</sup> 11 in. <sup>2</sup>
Equiv. diaphragm ø	95 mm 3.7"	95 mm 3.7"	95 mm 3.7"	95 mm 3.7"	95 mm 3.7"	95 mm 3.7"
Velocity transform. ratio	4:1	4:1	4:1	4:1	4:1	4:1
Diaphragm weight	0,17 g	0,17 g	0,17 g	0,17 g	0,17 g	0,17 g
<b>Power handling</b> sin/music	240 W/400 W	150 W/250 W	300 W/500 W	300 W/500 W	500 W/800 W	•
Efficiency (average)	90 dB/W/m	90 dB/W/m	91 dB/W/m	91 dB/W/m	91 dB/W/m	•
Built in amps:	(4)	(3)	(4)	(4)	(5)	(4)
Subwoofer (1/2)*	(250 W/300 W)	•	(500 W/700 W)	(500 W/700 W)	(2x500 W/2x700 W)	(500 W/700 W)
Woofers (1/2)*	(250 W/300 W)	(500 W/700 W)	(150 W/200 W)	(150 W/200 W)	(150 W/200 W)	(150 W/200 W)
Midrange (1/2)*	(150 W/200 W)	(150 W/200 W)	(150 W/200 W)	(150W/200 W)	(150 W/200 W)	(150 W/200 W)
Tweeter (1/2)*	(150 W/200 W)	(150 W/200 W)	(150 W/200 W)	(150 W/200 W)	(150 W/200 W)	(150 W/200 W)
<b>Control panel</b>						
Input Sensitivity	(±10 dB)	(±10 dB)	(±10 dB)	(±10 dB)	(±10 dB)	(±10 dB)
Tweeter level	(±4 dB)	(±4 dB)	(±4 dB)	(±4 dB)	(±4 dB)	(±4 dB)
Room EQ >6kHz	(±6 dB)	(±6 dB)	(±6 dB)	(±6 dB)	(±6 dB)	(±6 dB)
Mid level	(±2 dB)	(±2 dB)	(±2 dB)	(±2 dB)	(±2 dB)	(±2 dB)
Room EQ <160Hz	(±6 dB)	(±6 dB)	(±6 dB)	(±6 dB)	(±6 dB)	(±6 dB)
<b>General Data</b>						
Frequ. response ±3dB	32(30 Hz) - 35 kHz	32 (28 Hz) - 35 kHz	30 (26 Hz) - 35 kHz	28 (23 Hz) - 35 kHz	25 (23 Hz) - 35 kHz	23 Hz - 35 kHz
THD >80Hz	≤0,5%	≤0,5 %	≤0,5 %	≤0,5 %	≤0,5 %	≤0,5 %
SPL max in 1m	≥114 dB	≥115 dB	≥118 dB	≥118 dB	≥123 dB	≥116 dB
Crossover frequencies	120/800/2.800 Hz	300 / 2.800 Hz	85/800/3.100 Hz	200/800/3.100 Hz	85/800/3.100 Hz	80/800/3.100 Hz
Input impedance	4 Ω (10 kΩ)	4 Ω (10 kΩ)	4 Ω (10 kΩ)	4 Ω (10 kΩ)	4 Ω (10 kΩ)	(10kΩ)
Weight	34 kg (36 kg) 75 lb./ (79.4 lb.)	32 kg (36 kg) 70.5 lb./ (75 lb.)	40 kg (48 kg) 88.2 lb./ (105.8 lb.)	44 kg (52 kg) 97 lb./ (114.6 lb.)	94 kg (103 kg) 207 lb./ (227 lb.)	60 kg 132.3 lb.
Magnetical shielding	optional	optional	optional	optional	no	no
Width x Height x Depth	28x120x38 cm	40x76x42 cm	85x43x40 cm	41x87x45 cm	94x72x50 cm	25x160x45 cm
Warranty	5 (2) years	5 (2) years	5 (2) years	5 (2) years	5 (2) years	2 years

( ) = active versions

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