

Mitus

Array, Speaker & Sub



MODEL		206LA	212FSA	118FSA/118FSCA	218SA	121SA	118SA
Configuration	Way	2	1	1 Hybrid Bandpass	1	1	1
Built-in Amplif.max. LF/HF W	RMS	600/300	1200	1200	2000	1200	1200
Built-in Amplif.max.peak LF/HF W		1200/600	2400	2400	4000	2400	2400
Frequency response	@-6dB	68Hz - 20KHz	45Hz - 120KHz	33Hz - 100Hz	30Hz - 100Hz	29Hz - 100Hz	36Hz - 100Hz
Low frequency woofer	inch	2x6.5 - 1.7 coil neodymium	2 x 12 - 3 coil neodymium	1x18 - 3.5 coil neodymium	2x18 - 4 coil neodymium	1x21 - 4.5 coil neodymium	1x18 - 3 coil neodymium
High frequency driver	inch	1x1.4 - 2.5 coil neodymium	-	-	-	-	-
Maximum SPL cont/peak	dB	125 /134	134 / 138 half-space	135 / 139 half-space	139 / 145 half-space	133 / 137 half-space	135 / 139
Dispersion	HxV	100° x 10° max dependant upon n° of element	omnidirectional	omnidirectional	omnidirectional	omnidirectional	omnidirectional
Input impedance	kOhm	22	22	22	22	22	22
Crossover frequency	kHz	1.2	preset dependant	preset dependant	preset dependant	preset dependant	preset dependant
AC Power requirements	VA	640	640	640	1840	640	640
Input connectors		XLR with loop	XLR with loop	XLR with loop	XLR with loop	XLR with loop	XLR with loop
Power cord	m / ft	5 / 16.4	5 / 16.4	5 / 16.4	5 / 16.4	5 / 16.4	5 / 16.4
Net dimensions (WxHxD)	mm	574x220x383	574x420x660	576x538x756	1000x594x730	590x780x760	574x594x730
	inch	22.6x8.7x15.1	22.6x16.5x26	22.7x21.2x29.7	34.9x23.4x28.7	23.2x30.7x29.9	22.6x23.4x28.7
Net weight	Kg/LB	14 / 30.8	36.5 / 80.5	45 / 99.2	90 / 198.41	58 / 127.8	47 / 103.6
Transport dimensions	mm	655x455x280	780x710x520	700x690x800	1150x740x900	805x650x930	460x775x765
	inch	25.8x17.9x11	30.7x28x20.5	27.5x27.1x31.4	45.2x29x35.4	31.7x25.6x36.6	18.1x30.5x30.1
Transport weight	kg/LB	15.7 / 34.6	41 / 90.4	55 / 121.2	102 / 224.87	66.5 / 146.6	56.2 / 123.9

Model		206L	212FS	118FS/118FSC	218S	118S112S	118S
Configuration	Way	2	1	1 Hybrid Bandpass	1 reflex	1 reflex	1 band-pass
Recommended amplifier	W RMS	500L / 150HF	1000	1200	4000	2000	1000
Long term power	W	250LF / 70HF	500	600	2000	1000	500
Short term power ICE 268-5	W	1000LF / 300HF	2000	2400	8000	3600	2000
Nominal impedance	Ohm	16LF / 16HF	8	8	4	4	4
Frequency response	@-6dB	75Hz - 20 KHz	50Hz - 120Hz	33Hz - 250Hz	30Hz - 250Hz	29Hz - 250Hz	36Hz - 400Hz
Low frequency woofer	inch	2x6.5 - 1.7 coil neodymium	2 x 12 - 3 coil neodymium	1x18 - 3.5 coil neodymium	2x18 - 4 coil neodymium	1x21 - 4.5 neodymium	1x18 - 3 coil neodymium
High frequency driver	inch	1 x 1.4 - 2.5 coil neodymium	-	-	-	-	-
Sensitivity (@1W/1M)	dB	97LF / 108HF	99	101	102	99	101
Maximum SPL cont/ peak (BI-Amp)	dB	125/129LF - 129/133HF	134/138 half-space	135 / 139 half-space	141 / 147 half-space	136 / 139 half-space	136 / 139 half-space
Dispersion	H x V	100° x 10° max dependant upon n° of element	omnidirectional	omnidirectional	omnidirectional	omnidirectional	omnidirectional
Crossover frequency	kHz	external active	external active	external active	external active	external active	external active
Recommended HP filter		65hz - 24dboct	40hz - 24dboct	32hz - 24 dboct	25hz - 24dboct	32hz - 24dboct	32hz - 24dboct
Recommended External filter		Digital mngmt with FBT presets	Digital mngmt with FBT Presets	Digital mngmt with FBT	Digital mngmt with FBT	Digital mngmt with FBT	Digital mngmt with FBT
Input connectors		2 x Speakon NLMD-V in & thru	2 x Speakon NL4MD-V in & thru	2 x Speakon NL4MD-V in & thru	2 x speakon NL4MD-V in & thru	2 x speakon NL4MD-V in & thru	2 x speakon NL4MD-V in & thru
Net dimensions (WxHxD)	mm	574x220x383	574x420x660	576x538x756	1000x594x730	590x780x760	574x594x730
	inch	22.6x8.7x15.1	22.6x16.5x26	22.7x21.2x29.7	39.4x23.4x28.7	23.2x30.7x29.9	22.6x23.4x28.7
Net weight	kg/lb	13.5 / 29.8	35 / 77.2	43 / 94.8	87 / 191.8	56 / 123.5	45 / 99.2
Transport dimensions (WxHxD)	mm	655x455x280	780x710x520	700x690x800	1150x740x900	805x650x930	460x775x765
	inch	25.8x17.9x11	30.7x28x20.5	27.5x27.1x31.4	45.2x29x35.4	31.7x25.6x36.6	18.1x30.5x30.1
Transport weight	kg/lb	15.2 / 33.5	39.5 / 87	53 / 116.8	99 / 218.25	64.5 / 142.2	54.2 / 119.5

Mitus

Array, Speaker & Sub



MODEL		210MA	215A	152A	115A	114A	112A
Configuration	Way	2	2	2	2	2	2
Built-in Amplif.max. LF/HF RMS		600/300	1100/250	1100/250	600/300	600/300	600/300
Built-in Amplif.max.peak LF/HF W		1200/600	2200/500	2200/500	1200/600	1200/600	1200/600
Frequency response	@-6dB	60Hz - 20KHz	42Hz - 20KHz	45Hz - 20KHz	46Hz - 20KHz	46Hz - 20KHz	50Hz - 20KHz
Low frequency woofer	inch	2x10 - 2.5 coil neodymium	2x15 - 3 coil neodymium	1x15 - 3 coil neodymium	1x15 - 3 coil neodymium	1x14 - 3 coil neodymium	1x12 - 3 coil neodymium
High frequency driver	inch	1x1.4 - 2.5 coil neodymium coax	1x2 - 2.5 coil	1x2 - 2.5 coil	1x1 - 1.7 coil	1x1.4 - 2.5 coil	1x1 - 1.7 coil
Maximum SPL cont/peak	dB	127 / 134	133 / 136	129 / 136	127 / 133	127.5 / 135.5	126 / 133
Dispersion	HxV	70° - conical	60° x 40°	60° x 40°	80° x 50°	70° x 50°	80° x 50°
Input impedance	kOhm	22	22	22	22	22	22
Crossover frequency	kHz	1.2	1.2	1.2	1.5	1.4	1.5
AC Power requirements	VA	640	800	800	640	640	640
Input connectors		XLR with loop	XLR with loop	XLR with loop	XLR with loop	XLR with loop	XLR with loop
Power cord	m / ft	5 / 16.4	5 / 16.4	5 / 16.4	5 / 16.4	5	5/16.4
Net dimensions (WxHxD)	mm	574x290x402	493x1245x471	425x805x421	425x750x421	380x705x380	380x660x380
	inch	22.6x11.4x15.8	19.04x49x18.5	16.7x31.7x16.6	16.7x29.5x16.6	15x27.7x15	15x26x15
Net weight	Kg/LB	19 / 41.9	52.5 / 115.74	36.5 / 80.46	28 / 61.7	24.9 / 54.8	20 / 45
Transport dimensions	mm	890x390x510	618x1355x610	550x915x560	550x560x860	480x770x455	485x495x750
	inch	35x15.4x20.1	24.3x53.3x24	21.6x36x22	21.7x22.1x33.9	18.1x30.3x17.9	19.1x19.5x29.5
Transport weight	kg/lb	21.1 / 46.5	58 / 127.86	58 / 127.86	40 / 88.18	26.9 / 59.3	22 / 48.5
Model		210M	215	152	115	114	112
Configuration	Way	2	2	2	2	1 reflex	2
Recommended amplifier W RMS		800	1600	800	800	700	700
Long term power W		400	800	400	400	350	350
Short term power ICE 268-5 W		1600	2800	1400	1400	1400	1200
Nominal impedance	Ohm	8	4	8	8	8	8
Frequency response	@-6dB	65Hz - 20KHz	47Hz - 20KHz	47Hz - 20KHz	50Hz - 18KHz	50Hz - 18KHz	55Hz - 18KHz
Low frequency woofer	inch	2x10 - 2.5 coil neodymium	2x15 - 3 coil neodymium	1x15 - 3 coil neodymium	1x15 - 3 coil neodymium	1x14 - 3 coil neodymium	1x12 - 3 coil neodymium
High frequency driver	inch	1 x 1.4 - 2.5 coil	1 x 2 - 2.5 coil	1 x 2 - 2.5 coil	1 x 1 - 1.7 coil	1 x 1.4 - 2.5 coil	1 x 1 - 1.7 coil
Sensitivity (@1W/1M)	dB	100	103	100	100	100	99
Maximum SPL cont/peak (BI-Amp)	dB	128 / 132	134 / 138	128 / 132	128 / 132	128 / 132	127 / 131
Dispersion	H x V	70° conical	60° x 40°	60° x 40°	80° x 50°	70° x 50°	80° x 50°
Crossover frequency	kHz	1.3	1.2	1.2	1.6	1.4	1.6
Recommended HP filter		50hz - 24dboct	40hz - 24dboct	40hz - 24dboct	40hz - 24dboct	40hz - 24dboct	40hz - 24dboct
Recommended External filter							
Input connectors		2 x speakon NL4MD-V in & thru	2 x speakon NL4MD-V in & thru	2 x speakon NL4MD-V in & thru	2 x speakon NL4MD-V in & thru	2 x speakon NL4MD-V in & thru	2 x speakon NL4MD-V in & thru
Net dimensions (WxHxD)	mm	574x290x402	493x1245x471	425x805x421	425x750x421	380x705x380	380x660x380
	inch	22.6x11.4x15.8	19.04x49x18.5	16.7x31.7x16.6	16.7x29.5x16.6	15x27.7x15	15x26x15
Net weight	kg/lb	17 / 37.5	48 / 105.82	32 / 70.54	26 / 57.6	22.9 / 50.4	18 / 39.7
Transport dimensions (WxHxD)	mm	890x390x510	618x1355x610	550x915x560	550x560x860	480x770x455	485x495x750
	inch	35x15.4x20.1	24.3x53.3x24	21.6x36x22	21.7x22.1x33.9	18.1x30.3x17.9	19.1x19.5x29.5
Transport weight	kg/lb	19.1 / 42.1	53.5 / 117.94	35.5 / 78.26	28.5 / 62.8	24.9 / 54.8	20 / 44.1

Verve

Speaker & Monitor



Model		Verve 212a	Verve 115a	Verve 112a	Verve 110a	Verve 108a	Verve 115Ma	Verve 112Ma
Configuration	Way	2	2	2	2	2	2	2
Built-in Amplif.max. LF/HF	W RMS	400/100	400/100	400/100	400/100	400/100	400/100	400/100
Built-in Amplif.max.peak LF/HF	W	800/200	800/200	800/200	800/200	800/200	800/200	800/200
Frequency response	@-6dB	50Hz - 20KHz	45Hz - 20KHz	52Hz - 20KHz	60Hz - 20KHz	65Hz - 20KHz	57Hz - 20KHz	65Hz-20KHz
Low frequency woofer	inch	2x12 - 2.5 coil	15 - 2.5 coil	12 - 2.5 coil	10 - 2 coil	8 - 2 coil	15 - 2.5 coil	12 - 2.5 coil
High frequency driver	inch	1.4 - 2.5 coil	1 - 1.4 coil	1 - 1.4 coil	1 - 1.4 coil	1 - 1.4 coil	1 - 1.7 coil	1 - 1.7 coil
Maximum SPL cont/peak	dB	127.5 / 133	125.5/130	124 / 130	122.5 / 128	121 / 128	125.5 / 131	124 / 129
Dispersion	HxV	70° x 50°	80° x 50°	80° x 50°	80° x 50°	80° x 50°	90°	90°
Input impedance	kOhm	22	22	22	22	22	22	22
Crossover frequency	kHz	1.3	1.6	1.6	1.8	2.2	1.5	1.6
AC Power requirements	VA	450	450	450	450	450	450	450
Input connectors		XLR with loop	XLR with loop	XLR with loop	XLR with loop	XLR with loop	XLR with loop	XLR with loop
Power cord	m / ft	5 / 16.4	5 / 16.4	5 / 16.4	5 / 16.4	5 / 16.4	5 / 16.4	5 / 16.4
Net dimensions (WxHxD)	mm	394x1015x380	425x742x420	394x645x380	326x565x325	268x500x270	620x360x470	550x320x410
	inch	15.51x39.96x14.96	16.73x29.21x16.53	15.51x25.39x14.96	12.83x22.24x12.79	10.55x19.68x10.62	24.40x14.17x18.50	21.65x12.59x16.14
Net weight	Kg/LB	34.5 / 76.05	27.2 / 59.96	20.6 / 45.41	15.4 / 33.95	11.6 / 25.57	19.6 / 43.21	16.6 / 36.59
Transport dimensions	mm	500x1135x500	530x860x530	500x765x500	430x685x430	330x620x330	530x740x530	670x430x500
	inch	19.68x44.68x19.68	20.86x33.85x20.86	19.68x30.11x19.68	16.92x26.96x16.92	12.99x24.40x12.99	20.86x29.13x20.86	26.37x16.92x19.68
Transport weight	kg/LB	38.5 / 84.87	30.2 / 66.57	23.4 / 51.58	17.4 / 38.36	13.6 / 29.98	22.6 / 49.82	19.4 / 42.76

Model		Verve 212	Verve 115	Verve 112	Verve 110	Verve 108	Verve 115M	Verve 112M
Configuration	Way	2	2	2	2	2	2	2
Recommended amplifier	W RMS	800	500	400	300	250	500	500
Long term power	W	400	250	200	150	125	250	250
Short term power ICE 268-5	W	1600	1000	800	600	500	1000	1000
Nominal impedance	Ohm	8	8	8	8	8	8	8
Frequency response	@-6dB	55Hz - 18KHz	50Hz - 18KHz	55Hz - 18KHz	60Hz - 18KHz	70Hz - 18KHz	60Hz - 18KHz	70Hz - 18KHz
Low frequency woofer	inch	2x12 - 2.5 coil	15 - 2.5 coil	12 - 2.5 coil	10 - 2 coil	8 - 2 coil	15 - 2.5 coil	12 - 2.5 coil
High frequency driver	inch	1.4 - 2.5 coil	1 - 1.4 coil	1 - 1.4 coil	1 - 1.4 coil	1 - 1.4 coil	1 - 1.7 coil	1 - 1.7 coil
Sensitivity (@1W/1M)	dB	101	99	98	97	95	99	98
Maximum SPL cont/peak (Bi-Amp)	dB	130 / 134	125 / 129	124 / 128	121 / 125	119 / 123	124 / 129	125 / 129
Dispersion	H x V	70° x 50°	80° x 50°	80° x 50°	80° x 50°	80° x 50°	90°	90°
Crossover frequency	kHz	1.4	1.6	1.8	2	2.2	1.6	2
Recommended HP filter		40Hz - 24dboct	35Hz - 24dboct	40Hz - 24dboct	45Hz - 24dboct	55Hz - 24dboct	45Hz - 24dboct	65Hz - 24dboct
Input connectors		2 x Speakon NL4 in & thru	2 x Speakon NL4 in & thru	2 x Speakon NL4 in & thru	2 x Speakon NL4 in & thru	2 x Speakon NL4 in & thru	2 x Speakon NL4 in & thru	2 x Speakon NL4 in & thru
Net dimensions (WxHxD)	mm	394x1015x380	425x742x420	394x645x380	326x565x325	268x500x270	620x360x470	550x320x410
	inch	15.51x39.96x14.96	16.73x29.21x16.53	15.51x25.39x14.96	12.83x22.24x12.79	10.55x19.68x10.62	24.40x14.17x18.50	21.65x12.59x16.14
Net weight	kg/lb	34.5 / 76.05	27.2 / 59.96	20.6 / 45.41	15.4 / 33.95	11.6 / 25.57	19.6 / 43.21	16.6 / 36.59
Transport dimensions (WxHxD)	mm	500x1135x500	530x860x530	500x765x500	430x685x430	330x620x330	530x740x530	670x430x500
	inch	19.68x44.68x19.68	20.86x33.85x20.86	19.68x30.11x19.68	16.92x26.96x16.92	12.99x24.40x12.99	20.86x29.13x20.86	26.37x16.92x19.68
Transport weight	kg/lb	38.5 / 84.87	30.2 / 66.57	23.4 / 51.58	17.4 / 38.36	13.6 / 29.98	22.6 / 49.82	19.4 / 42.76

X-PRO/X-SUB

Speaker & Sub



MODEL		X-PRO 15A	X-PRO 12A	X-PRO 10A	X-SUB 18SA
Configuration	Way	2	2	2	1
Built-in Amplif.max. LF/HF	W	800/200	800/200	800/200	1200
Frequency response	@-6dB	42Hz - 20KHz	50Hz - 20KHz	58Hz - 20KHz	38Hz - 120Hz
Low frequency woofer	inch	15 -2.5 coil	12 - 2 coil	10 - 2 coil	18 - 3 coil
High frequency driver	inch	1 - 1.4 coil	1 - 1.4 coil	1 - 1.4 coil	-
Maximum SPL peak	dB	128	127	126	136 half space
Dispersion	HxV	80° x 50° rotatable	80° x 50° rotatable	80° x 50° rotatable	omni
Input impedance	kOhm	22	22	22	22
Input connectors		XLR with loop, jack ST, RCA ST	XLR with loop, jack ST, RCA ST	XLR with loop, jack ST, RCA ST	XLR with loop, jack ST, RCA ST
Power cord	m	5	5	5	5
	inch	16.4	16.4	16.4	16.4
Net dimensions (WxHxD)	mm	440x735x440	370x640x370	315x550x315	510x692x650
	inch	17.32x28.93x17.32	14.56x25.19x14.56	12.40x21.65x12.40	20.07x26.24x25.59
Net weight	Kg/LB	22 / 48.50	18 / 39.68	13.5 / 29.76	42 / 92.59
Transport dimensions	mm	500x795x500	430x700x430	375x610x375	700x840x800
	inch	19.68x31.29x19.68	16.92x27.55x16.92	14.76x24.01x14.76	27.55x33.07x31.49
Transport weight	kg/LB	25 / 55.11	20.8 / 45.85	15.5 / 34.17	46 / 101.41

SUBLine Speaker System



MODEL		SUBLine 218Sa	SUBLine 18Sa	SUBLine 15Sa	SUBLine 12Sa
Configuration	Way	1	1	1	1
Built-in Amplif.max. LF/HF	W RMS	1200	1200	600	600
Built-in Amplif.max.peak LF/HF	W	2400	2400	1200	1200
Frequency response	@-6dB	30Hz - 120Hz	33Hz - 120Hz	38Hz - 120Hz	42Hz - 140Hz
Low frequency woofer	inch	2x18 - 03 coil	1x18 - 3 coil	1x15 - 3 coil	1x12 - 2.5 coil
High frequency driver	inch				
Maximum SPL cont/peak	dB	136 / 1470 half-space	133 / 137 half-space	131 / 135 half-space	129 / 133 half-space
Dispersion	HxV	omnidirectional	omnidirectional	omnidirectional	omnidirectional
Input impedance	kOhm	22	22	22	22
Crossover frequency	kHz		80 or 120Hz	80 or 120Hz	90 or 140Hz
AC Power requirements	VA		800	450	450
Input connectors		stereo XLR with loop	stereo XLR with loop with loop	stereo XLR with loop, HP out	stereo XLR with loop, HP out
Power cord	m / ft	7 / 16.4	5 / 16.4	5 / 16.4	5 / 16.4
Net dimensions (WxHxD)	mm	970x661x670	510x629x650	480x560x595	425x510x520
	inch	38.18x25.98x26.37	20.07x24.76x25.59	18.91x22.06x23.44	16.73x20.07x20.47
Net weight	Kg/LB	81 / 178.57	42 / 92.59	31.5 / 70	24 / 52.91
Transport dimensions	mm	1150x780x800	700x790x800	590x665x705	435x610x630
	inch	45.27x30.70x31.49	27.55x31.10x31.49	23.22x26.18x27.75	17.12x24.01x24.80
Transport weight	kg/LB	94 / 207.23	53 / 116.84	35 / 77	28 / 61.72

Model		SUBLine 218S	SUBLine 18S
Configuration	Way	1 reflex	1 reflex
Recommended amplifier	W RMS	2400	1200
Long term power	W	1200	600
Short term power ICE 268-5	W	5600	2400
Nominal impedance	Ohm	4	4
Frequency response	@-6dB	30Hz - 250Hz	33Hz - 400Hz
Low frequency woofer	inch	2x18 - 3 coil	18 - 3 coil
High frequency driver	inch		
Sensitivity (@1W/1M)	dB	101	98.5
Maximum SPL cont/peak (Bi-Amp)	dB	139 / 143 half-space	133 / 136 half-space
Dispersion	H x V	omnidirectional	omnidirectional
Crossover frequency	kHz	external active	external active
Recommended HP filter		28hz - 24dobct	28hz - 24dobct
Input connectors		2 x Speakon NL4 in & thru	2 x Speakon NL4 in & thru
Net dimensions (WxHxD)	mm	970x661x670	510x629x650
	inch	38.18x25.98x26.37	20.07x24.76x25.59
Net weight	kg/lb	77 / 169.75	39 / 85.98
Transport dimensions (WxHxD)	mm	1150x780x800	700x790x800
	inch	45.27x30.70x31.49	27.55x31.10x31.49
Transport weight	kg/lb	90 / 198.41	50 / 110.23

StageMaxX

Stage Monitor



MODEL		StageMaxX
Configuration	Way	2
Built-in Amplif.max. LF/HF	W RMS	400/100
Built-in Amplif.max.peak LF/HF	W	800/200
Frequency response	@-6dB	60Hz - 20KHz
Low frequency woofer	inch	12 - 2.5 coil
High frequency driver	inch	1 - 1.7 coil
Maximum SPL cont/peak	dB	124 / 130
Dispersion	HxV	90°
Input impedance	kOhm	22
Crossover frequency	kHz	1.8
AC Power requirements	VA	450
Input connectors		XLR with loop
Power cord	m / ft	5 / 16.4
Net dimensions (WxHxD)	mm	550x289x392
	inch	21.65x11.37x15.43
Net weight	Kg/LB	13.6 / 29.98
Transport dimensions	mm	670x430x500
	inch	26.37x16.92x19.68
Transport weight	kg/LB	16.4 / 36.15

HiMaxX

Speaker Systems



MODEL		HiMaxX 60a	HiMaxX 40a	HiMaxX 100Sa
Configuration	Way	2	2	Band-Pass
Built-in Amplif.max. LF/HF	W RMS	1100/250	1000/250	1200
Built-in Amplif.max.peak LF/HF	W	2200/500	1600/500	2400
Frequency response	@-6dB	40Hz - 20KHz	45Hz - 20KHz	38 - 120Hz
Low frequency woofer	inch	1x15 - 3 coil	1x12 -3 coil	1x18 - 3 coil
High frequency driver	inch	1.4 - 2.5 coil	1 - 1.7 coil	
Maximum SPL cont/peak	dB	129/135	127/133	135/139
Dispersion	HxV	90° x 60°	90° x 60°	omnidirectional
Input impedance	kOhm	22	22	22
Crossover frequency	kHz	1.2	1.6	active 120
Input connectors		XLR with loop	XLR/jack with loop RCS aux	stereo XLR with loop
Power cord	m / ft	5 / 16.4	15 / 16.4	5 / 16.4
Net dimensions (WxHxD)	mm	482x757x427	407x634x370	530x605x655
	inch	19x29.8x16.8	16x24.9x14.5	21x23.8x25.8
Net weight	Kg/LB	28.3 / 62.4	17.9 / 39.4	43 / 94.8
Transport dimensions	mm	520x867x600	495x720x470	660x735x785
	inch	20.4x34.1x23.6	19.5x28.3x18.5	26x29x31
Transport weight	kg/LB	30.3 / 66.8	20.5 / 45.2	47 / 103.6

Model		HiMaxX 60	HiMaxX 40
Configuration	Way	2	2
Recommended amplifier	W RMS	700	500
Long term power	W	350	250
Short term power ICE 268-5	W	1400	1000
Nominal impedance	Ohm	8	8
Frequency response	@-6dB	40Hz - 20KHz	50Hz - 20KHz
Low frequency woofer	inch	1x15 - 3 coil	1x12 - 3 coil
High frequency driver	inch	1.4 - 2.5 coil	1 - 1.7 coil
Sensitivity (@1W/1M)	dB	99	99
Maximum SPL cont/peak (Bi-Amp)	dB	129/132	127/131
Dispersion	H x V	90° x 60°	90° x 60°
Crossover frequency	kHz	1.3	1.6
Recommended HP filter		35Hz - 24dboct	45Hz - 24dboct
Recommended External filter			
Input connectors		2 x Speakon	2 x Speakon
Net dimensions (WxHxD)	mm	482x757x427	407x634x370
	inch	19x29.8x16.8	16x24.9x14.5
Net weight	kg/lb	26 / 57.3	16 / 35.2
Transport dimensions (WxHxD)	mm	520x867x600	495x720x470
	inch	20.4x34.1x23.6	19.5x28.3x18.5
Transport weight	kg/lb	28.5 / 62.8	18.5 / 40.8

ProMaxX Speaker System



MODEL		ProMaxX 14a	ProMaxX 12a	ProMaxX 10a	ProMaxX 15Sa
Configuration	Way	2	2	2	1
Built-in Amplif.max. LF/HF	W RMS	600/300	6000/300	600/300	1200
Built-in Amplif.max.peak LF/HF	W	1200/600	1200/600	1200/600	2400
Frequency response	@-6dB	45Hz - 20Khz	48Hz - 20KHz	58Hz - 20KHz	38Hz - 120Hz
Low frequency woofer	inch	14 - 3 coil neodymium	12 - 3 coil neodymium	10 - 2.5 coil neodymium	1x15 - 3 coil neodymium
High frequency driver	inch	1.4 - 2.5 coil	1 - 1.4 coil neodymium	1 - 1.4 coil neodymium	
Maximum SPL cont/peak	dB	127.5 / 135.5	126 / 133	124 / 131	132 / 136 half-space
Dispersion	HxV	90° x 60°	90° x 60°	90° x 60°	omnidirectional
Input impedance	kOhm	22	22	22	22
Crossover frequency	kHz	1.3	1.6	1.8	preset dependant
AC Power requirements	VA	640	640	640	640
Input connectors		XLR with loop	XLR with loop	XLR with loop	XLR with loop
Power cord	m / ft	5 / 16.4	5 / 16.4	5 / 16.4	5 / 16.4
Net dimensions (WxHxD)	mm	402x644x345	402x644x345	320x550x275	507x585x605
	inch	15.8x25.4x13.6	15.8x25.4x13.6	12.6x21.6x10.8	20x23x23.82
Net weight	Kg/LB	18.5 / 40.78	15.8 / 34.8	11.3 / 24.9	31 / 68
Transport dimensions	mm	500x745x440	500x745x440	400x630x360	615x670x715
	inch	19.7x29.3x17.3	19.7x29.3x17.3	15.7x24.8x14.2	24.2x26.4x28.2
Transport weight	kg/LB	21.1 / 46.51	18.8 / 41.4	13.8 / 30.4	35 / 77

Model		ProMaxX 14	ProMaxX 12	ProMaxX 10
Configuration	Way	2	2	2
Recommended amplifier	W RMS	700	600	400
Long term power	W	350	300	200
Short term power ICE 268-5	W	1400	1200	800
Nominal impedance	Ohm	8	8	8
Frequency response	@-6dB	50Hz - 18KHz	55Hz - 18KHz	60Hz - 18KHz
Low frequency woofer	inch	1x14 - 3 coil - neodymium	1x12 - 3 coil - neodymium	1x10 - 2.5 coil - neodymium
High frequency driver	inch	1 x 1.4 - 2.5 coil	1 - 1.4 coil - neodymium	1 - 1.4 coil - neodymium
Sensitivity (@1W/1M)	dB	100	99	97
Maximum SPL cont/peak (Bi-Amp)dB		128 / 132	126 / 130	123 / 127
Dispersion	H x V	90° x 60°	90° x 60°	90° x 60°
Crossover frequency	kHz	1.3	1.6	1.8
Recommended HP filter		40hz - 24dboct	45hz - 24dboct	50hz - 24dboct
Input connectors		2 x Speakon NL4 in & thru	2 x Speakon NL4 in & thru	2 x Speakon NL4 in & thru
Net dimensions (WxHxD)	mm	402x644x345	402x644x345	320x550x275
	inch	15.8x25.4x13.6	15.8x25.4x13.6	12.6x21.6x10.8
Net weight	kg/lb	16 / 35.2	14.4 / 38.7	9.9 / 21.8
Transport dimensions (WxHxD)	mm	500x745x440	500x745x440	400x630x360
	inch	19.7x29.3x17.3	19.7x29.3x17.3	15.7x24.8x14.2
Transport weight	kg/lb	19 / 41.8	17.4 / 38.3	12.4 / 27.3

Evo²MaxX Speaker System



MODEL		Evo²MaxX 6a	Evo²MaxX 4a	Evo²MaxX 2a	Evo²MaxX 95a
Configuration	Way	2	2	2	1
Built-in Amplif.max. LF/HF	W RMS	400/100	400/100	400/100	600
Built-in Amplif.max.peak LF/HF	W	800/200	800/200	800/200	1200
Frequency response	@ -6dB	42Hz - 20KHz	50Hz - 20KHz	58Hz - 20KHz	40Hz - 120Hz
Low frequency woofer	inch	15 - 2.5 coil	12 - 2.5 coil	10 - 2 coil	1x15 - 3 coil
High frequency driver	inch	1 - 1.7 coil	1 - 1.4 coil	1 - 1.4 coil	
Maximum SPL cont/peak	dB	126 / 130	124 / 130	122.5 / 128	128 / 132 half-sapce
Dispersion	HxV	90° x 60°	90° x 60°	90° x 60°	omnidirectional
Input impedance	kOhm	22	22	22	22
Crossover frequency	kHz	1.6	1.6	1.8	perfect dependent
AC Power requirements	VA	450	450	450	450
Input connectors		XLR with loop	XLR with loop	XLR with loop	stereo XLR with loop, HP out
Power cord	m / ft	5 / 16.4	5 / 16.4	5 / 16.4	5 / 16.4
Net dimensions (WxHxD)	mm	482x757x399	407x634x330	352x550x307	496x648x485
	inch	19x29.8x15.7	16x25x13	13.9x21.6x12.1	19.5x25.5x19.1
Net weight	Kg/LB	24.4 / 53.8	15.6 / 34.4	12 / 26.5	26.3 / 57.98
Transport dimensions	mm	595x878x515	510x704x410	435x630x395	595x760x575
	inch	23.4x34.6x20.3	20.1x29.1x16.1	17.1x24.8x15.5	23.4x29.9x22.6
Transport weight	kg/LB	28.7 / 63.2	18 / 39.6	14 / 30.86	30 / 66.13

Model		Evo²MaxX 6	Evo²MaxX 4	Evo²MaxX 2
Configuration	Way	2	2	2
Recommended amplifier	W RMS	400	300	250
Long term power	W	200	150	125
Short term power ICE 268-5	W	800	600	500
Nominal impedance	Ohm	8	8	8
Frequency response	@ -6dB	48Hz - 18KHz	55Hz - 18KHz	60Hz - 18KHz
Low frequency woofer	inch	1x15 - 2.5 coil	1x12 - 2.5 coil	1x10 - 2 coil
High frequency driver	inch	1 x 1 -1.7 coil	1 - 1.4 coil	1 - 1.4 coil
Sensitivity (@1W/1M)	dB	99	98	97
Maximum SPL cont/peak (Bi-Amp)	dB	126 / 130	124 / 128	121 / 125
Dispersion	H x V	90° x 60°	90° x 60°	90° x 60°
Crossover frequency	kHz	1.3	1.6	1.8
Recommended HP filter		40hz - 24dboct	45hz - 24dboct	50hz - 24dboct
Input connectors		2 x Speakon NL4 in & thru	2 x Speakon NL4 in & thru	2 x Speakon NL4 in & thru
Net dimensions (WxHxD)	mm	482x757x399	407x634x330	352x550x307
	inch	19x29.8x15.7	16x25x13	13.9x21.6x12.1
Net weight	kg/lb	23.9 / 52.7	16.1 / 35.4	11.8 / 26
Transport dimensions (WxHxD)	mm	595x878x515	510x704x410	435x630x395
	inch	23.4x34.6x20.3	20.1x29.1x16.1	17.1x24.8x15.5
Transport weight	kg/lb	28.2 / 62.2	18.5 / 40.7	14.4 / 31.7

J Speaker System



MODEL		J15a	J12a	J8a	J5a	DJ15a
Configuration	Way	2	2	2	2	2
Built-in Amplif.max. LF/HF	W RMS	350/100	350/50	200/50	80/40	350/100
Built-in Amplif.max.peak LF/HF	W	700/200	700/200	400/100	160/80	700/200
Frequency response	@-6dB	48Hz - 20 khz	50 Hz - 20 khz	60 Hz - 20 KHz	80Hz - 20KHz	48Hz - 20KHz
Low frequency woofer	inch	15 - 2 coil	12 - 2 coil	8 - 1.7 coil	5 - 1 coil	15 - 2 coil
High frequency driver	inch	1 - 1 coil	1 - 1 coil	1 - 1 coil	1 dome - 0.75 coil	1 - 1 coil
Maximum SPL cont/peak	dB	125 / 129	124 / 128	120 / 124	113 / 117	125 / 129
Dispersion	HxV	90° x 60°	90° x 60°	90° x 60°	90° x 60°	90° x 60°
Input impedance	kOhm	22	22	22	22	22
Crossover frequency	kHz	1.8	2	2.5	3.5	1.8
AC Power requirements	VA	400	400	160	75	400
Input connectors		XLR-jack with loop	XLR-jack with loop	XLR-jack with loop	XLR combo with loop	XLR-jack with loop St. RCA, XLR out
Power cord	m / ft	5 / 16.4	5 / 16.4	5 / 16.4	5 / 16.4	5 / 16.4
Net dimensions (WxHxD)	mm	410x663x387	410x663x387	255x415x245	170x275x180	410x663x387
	inch	16.14x26.10x15.23	16.14x26.10x15.23	10.03x16.33x9.64	6.69x10.82x7.08	16.14x26.10x15.23
Net weight	Kg/LB	14 / 30.86	13.7 / 30.2	8.2 / 18.7	3.4 / 7.49	14 / 30.86
Transport dimensions	mm	495x740x475	495x740x475	330x480x320	240x345x235	495x740x475
	inch	19.48x29.13x18.70	19.48x29.13x18.70	12.99x18.89x12.59	9.44x13.58x9.25	19.48x29.13x18.70
Transport weight	kg/LB	17.1 / 37.69	16.8 / 37.03	9.7 / 21.38	4.2 / 9.25	17.1 / 37.69

Model		J15	J12	J8	J5	J5T
Configuration	Way	2	2	2	2	2
Recommended amplifier	W RMS	300	300	160	80	50(70/100V)
Long term power	W	150	150	80	40	25
Short term power ICE 268-5	W	600	600	320	160	100
Nominal impedance	Ohm	8	8	8	16	16
Frequency response	dB	50Hz - 20KHz	55Hz - 20KHz	65Hz - 20KHz	90Hz - 20KHz	90Hz - 20KHz
Low frequency woofer	inch	15 - 2 coil	12 - 2 coil	8 - 1.7 coil	5 - 1 coil	5 - 1 coil
High frequency driver	inch	1 - 1 coil	1 - 1 coil	1 - 1 coil	1 dome - 0.75 coil	1 dome - 0.75 coil
Sensitivity (@1W/1M)	dB	99	98	96.5	94	91
Maximum SPL cont/peak (Bi-Amp)	dB	124 / 127	123 / 127	118.5 / 121.5	114 / 117	111 / 114
Dispersion	H x V	90° x 60°	90° x 60°	90° x 60°	90° x 90°	90° x 90°
Crossover frequency	kHz	1.8	2	2.5	3.5	3.5
Recommended HP filter		40hz - 24dboct	45hz - 24dboct	55hz - 24dboct	80hz - 24dboct	80hz - 24dboct
Input connectors		2 x Speakon NLA in & thru	2 x Speakon NLA in & thru	2 x Speakon NLA in & thru	1 x jack + terminal strip	terminal strip
Net dimensions (WxHxD)	mm	410x663x387	410x663x387	255x415x245	170x275x180	170x275x180
	inch	16.14x26.10x15.23	16.14x26.10x15.23	10.03x16.33x9.64	6.69x10.82x7.08	6.69x10.82x7.08
Net weight	kg/lb	14.7 / 32.4	14.1 / 31.08	6.6 / 14.55	3.4 / 7.49	3.4 / 7.49
Transport dimensions (WxHxD)	mm	495x740x475	495x740x475	330x480x320	240x345x235	240x345x235
	inch	19.48x29.13x18.70	19.48x29.13x18.70	12.99x18.89x12.59	9.44x13.58x9.25	9.44x13.58x9.25
Transport weight	kg/lb	17.8 / 39.24	17.2 / 37.91	8.1 / 17.85	4.2 / 9.25	4.2 / 9.25

X-LITE Speaker System



MODEL		X-LITE 15A	X-LITE 12A	X-LITE 10A
Configuration	Way	2	2	2
Built-in Amplif.max. LF/HF	W RMS	800/200	800/200	800/200
Frequency response	@ -6dB	42Hz - 20KHz	50Hz - 20KHz	58Hz - 20KHz
Low frequency woofer	inch	15 -2.5 coil	12 - 2 coil	10 - 2 coil
High frequency driver	inch	1 - 1.4 coil	1 - 1.4 coil	1 - 1.4 coil
Maximum SPL peak	dB	128	127	126
Dispersion	HxV	90° x 60°	90° x 60°	90° x 60°
Input impedance	kOhm	22	22	22
Input connectors		XLR with loop, jack ST, RCA ST	XLR with loop	XLR with loop
Power cord	m / inch	5 / 16.4	5 / 16.4	5 / 16.4
Net dimensions (WxHxD)	mm	433x706.5x400	356x619x357	300x536x301.5
	inch	17.04x27.81x15.74	14.01x24.37x14.05	11.81x21.10x11.87
Net weight	Kg/LB	18 / 39.68	14.5 / 31.96	13 / 28.66
Transport dimensions	mm	520x785x480	450x720x450	380x630x380
	inch	2047x30.90x18.89	17.71x28.34x17.71	14.96x24.80x14.96
Transport weight	kg/LB	21.5 / 47.39	16.9 / 37.25	15.6 / 34.39

AMICO

Integrated Sound Systems



Model		AMICO 10 USB		
Configuration		3 WAY / SUB + 2SAT		
Internal Amplifiers		W RMS	500 + 2x150	
MIXER		channels	2mono + 4stereo	
Quantity and type		2 x XLR F		
Impedance		Kohm	2.2	
MONO CHANNELS	MICRO	Max input signal	dBu 0	
		Max gain	dB 75	
		Equivalent input noise	dB -125	
		CMRR (@main out, gain75dB)	dB -80	
		Quantity and type	2 x JACK balanced	
LINE	MICRO	Impedance	Kohm 33	
		Max input signal	dBu 30	
		Max gain (@ main out)	dB 40	
		High Shelving (@ 12KHz)	dB ±15	
		Medium Peaking (@ 2.5KHz)	dB ±12	
STEREO CHANNELS	MICRO	Low Shelving (@80Hz)	dB ±15	
		Quantity and type	4 x XLR F	
		Impedance	Kohm 22	
		Max input signal	dBu 0	
		Max gain	dB 75	
LINE	MICRO	Equivalent input noise	dB -128	
		CMRR (@main out, gain75dB)	dB -80	
		Quantity and type	8 x JACK balanced	
		Impedance	Kohm 22	
		Max input signal	dBu 30	
STEREO CHANNELS	MICRO	Max gain (@ main out)	dB 18	
		High Shelving (@ 12KHz)	dB ±15	
		Medium Peaking (@ 2.5KHz)	dB ±12	
		Low Shelving (@80Hz)	dB ±15	
		Impedance	ohms 600	
OUTPUTS	MICRO	Mx output (Monitor, Eff, Tape In)	dBu 22	
		Distortion + Noise @ 16	dBu 0.025%	
		Signal/Noise ratio	dB 96	
		Frequency response (@0/-1dB)	20Hz-20KHz	
		Sample frequency	KHz 48	
BUILT-IN EFFECT	MICRO	Frequency response (@0/-1dB)	20Hz-20KHz	

Sub / Combo		Way 1	
Configuration		Way 1	
Internal amplifier		W RMS	500WSUB + 2x150WSAT
Frequency response		@-6dB	40Hz-120Hz
Sensitivity (@1W, 1m)		dB	97
Maximum SPL (cont-peak)		dB	124/130
Dispersion		0 x V omnidirectional	
Low frequency woofer		inch	1x15
High frequency driver		inch	
SAT output connectors		2 x Speakon	
SAT		2	
Internal amplifier / Recommended		W RMS	150
Impedance		ohms	4
Frequency response		@-6dB	90Hz - 20KHz
Sensitivity (@1W, 1m)		dB	93.5
Maximum SPL (cont-peak)		dB	115/125
Dispersion		0 x V	90° x 60°
Low frequency woofer		inch	1x6.5
High frequency driver		inch 1x1	
Input connectors		1xSpeakon	
Power supply cable		m / inch	5/197
Net dimensions (WxHxD)		mm	478x780x433
		inch	18.8x30.7x17
Net weight		Kg / Lb	34 / 74
Transport dimensions (WxHxD)		mm	570x880x570
		inch	22.4x36.5x22.4
Transport weight		Kg / Lb	38 / 81.6
Optional accessories		Carrying cover, twin cables, 2 aluminium stands	

GENERAL SPECIFICATIONS


DMM 8008

Digital Matrix



DMM 8008

AUDIO

Analog Output	8 electronically balanced (Mic - Line - Unbalanced)
Uscite Analogiche	8 electronically balanced
Maximum Input Level	Line: + 14dBu; Mic: -20/0dBu(+ 6dBu unbalanced
Mic Input Gain	34dB (22dB analog, 12dB digital)
Maximum Output Level	14dBu
THD + N	0.005% at 1KHz 0dBu
S/N	> 104dBA
Frequency Response	20Hz-20KHz + /-1dB
AD & DA Converters	4 x AK5385B 24bit, 1 x Ak4358 24bit(48KHz)
Phantom Power	48Vdc

DSP & PROCESSING

DSP Engine	Dream SAM3716, 24bit(data) x 96bit(coeff.)
DSP Resolution	24 x 32 bit for filtering process; 96bits resolution on intermediate computation results
Input Equalization	3-band parametric selected as peaking or Low/High shelving with variable Q pper input channel Low/High pass 1st order filter per input channel
Output Equalization	5-band parametric EQ selected as peaking or Low/High shelving with variable Q per output channel
Filter Gain	From - 12 dBu up to + 12dBu by 0.5dBu resolution steps
Center Frequency	selectable with a 1/24th of octave resolution step from 20Hz up to 20KHz
Filter Q/BW	Q from 0.4 up to by 0.1 resolution steps
Crossover Section HPF/LPF	Butterworth 6/12/18/24dB per octave Bussel. Linkwitz-Riley and custom 12/24dB per octave Filter resolution 1/24th of octave
RMS Compressor and Peak Limiter	Threshold from 14dBu up to -34dBu Aattack time from 5ms up to 200ms (1ms resolution up to 20ms, 10ms resolution up to 100ms and 20ms resolution up to 200ms) Release time from 0.1 sec up to 3 sec (0.1 sec reresolution) Ratio from 1:1 to 32:1 (compressor only) Adjustable soft or hard knee (compressor only)
Delay	380,998 ms 21 us increment/decrement steps per output channel only
Feedback Eliminator	Pitch setting algorithm only for Mic input channels
Automixing Functions	NOM attenuation, Gain sharing algorithm and priority ducking processing

GENERAL

Device Presets	6 users presets + 4 by using S1-S4 digital input ports
Front Panel	2 x 24 character LCD display with white/blue LED backlight 6-LED status indicators (Line, Mic, Mute I/O, Signal, Clip, Limiter) 1-LED indicator Phantom power 6 x front push button (preset recall, Setup) USB type B connector
Rear Panel	2 x 12 pin phoenix connetor (Mic/Line inputs) 2 x 12 pin phoenix connector (Line outputs) 2 x 4pin phoenix connector (S1-S4 digital inputs ports - TTL level 0-5V) 2 x 4 pin phoenix connector (S1-S4 digital output ports - TTL level 0-5V) 2 x RJ45 for RS485 IN/Out connection 1 x RJ45 with activity leds for Ethernet connection (10/100 TCP-IP) IEC C 13 16A connector: power on/off switch
Optional Device	FBT WP8008 wall panel control
Included software	PC users interface; Free app. For iPad
Main AC	90-240Vac (50/60Hz) - 40W
Dimensions	19" x 1.75" x 9" (483 x 44 x 229mm) - 1RU
Weight, Net/Shipping	7.71 lbs(3.5kg)/8.82lbs(4kg)

DLM26 Digital Loudspeaker Management



Inputs / Outputs	XLR balanced + 20dBu max level
Total memories	64
THD + N	0.001% at 1KHz 0dBu
S/N	> 110dB
Frequency Response	20Hz - 20KHz @ - 0.5 dB
A/D and D/A Resolution	24bits
Filters (5 each in/out)	
Type	Peaking EQ, Hi-Shelv1/2/O, Lo-Shely 1/2/O, HPF 1/2/O, LPF 1/2/O, All Pass 1/2, Band pass, Notch
Orders	symmetrical Bell or High/Low Shelving up to second order
Filter gain	15dBu / + 15dBu by 0.5dBu resolution steps
Centre frequency	Selectable with a 1/24th of octave resolution steps 20Hz / 20KHz
Filter Q/BW	Q from 0.05 up to 3 by 0.05 resolution steps
Compressors	
Threshold:	10 / 20dBu
Ratio:	1 : 1 / 32 : 1
Soft Knee:	0 / 100%
Attack Time:	10ms / 4s
Release Time:	0.1 / 3s
Limiters	
Threshold:	10 / 20dBu
Attack time:	2ms / 50ms
Release Time :	20ms / 200ms
High pass and Low pass Filters:	From 1st order (Butterworth -6dB/Oct) up to 4th Order (Butterworth, Linkwitz or Bessel - 24 dB/Oct), Custom Q
Filter's setting step:	1/24th of octave
Maximum Delay:	288.66 ms by 6.8us increment/decrement step, on each Input and Output channel
Net Dimensions (WxHxD) mm / inch	480x40x220 - 19" (1 U rack) 18.8x1.5x8-19" (1 U rack)
Net weight : Kg/Lb	2.8 / 6.1
Transport Dimensioned (WxHxD) mm / inch	530x100x310 20.8x3.9x12.2
Transport Weight : Kg/Lb	3.9 / 8.6
Voltage	90 - 240 Vac 50/60Hz
Power	30VA