

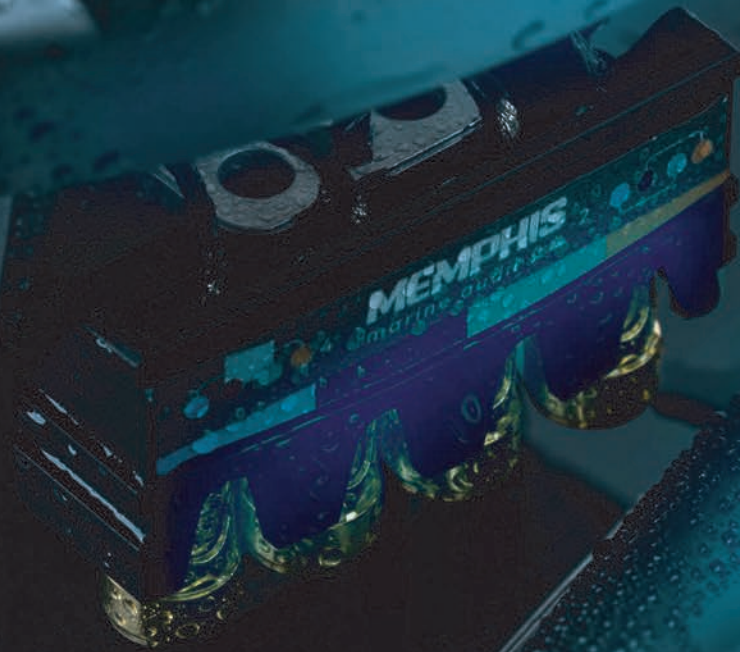
2022 MXA SUBWOOFERS

	UNITS	MMJ824 (2Ω)	MMJ824 (4Ω)	MM1024 (2Ω)	MM1024 (4Ω)	MM1224 (2Ω)	MM1224 (4Ω)
THIELE SMALL PARAMETERS							
Resonant Frequency (fs)	Hz	40	40	38	38	36	36
Mechanical Q (Qms)		3.812	3.778	5.7	5.5	5.345	5.06
Electrical Q (Qes)		0.668	0.59	0.7	0.656	0.912	0.841
Total Q (Qts)		0.569	0.51	0.63	0.58	0.779	0.721
Sensitivity	dB	80.3	80.3	85.8	86	86.8	0.721
Xmax Linear	in.	0.59	0.59	0.4	0.4	0.4	0.4
Xmax Mechanical	in.	1.45	1.45	0.8	0.8	0.8	0.8
Displacement	cf.	0.06	0.06	0.045	0.045	0.055	0.055
Air volume of suspension (Vas)	cf.	6.33	6.1	0.959	1.05	2.076	2.076
Moving Mass (Mms)	g	145.8	155.6	104.8	104.8	124.6	124.6
Suspension Compliance (Cms)	mm/N	0.102	0.098	0.155	0.171	0.158	0.158
Effective Piston Area (Sd)	SqCm	211.13	211.13	352.97	352.97	514.71	514.71
Motor Strength (BL)	TM	10	15.57	8.34	12.14	7.64	11.4
VOICE COIL & MAGNET							
Impedance	ohms	2	4	2	4	2	4
Voice coil diameter	in.	2	2	2	2	2	2
RMS Power	Watts	600	600	300	300	300	300
Peak Power	Watts	1200	1200	600	600	600	600
Magnet weight	oz	105	105	48	48	48	48
Magnet diameter	in.	6.14	6.14	5.51	5.51	5.51	5.51
PHYSICAL DIMENSIONS							
Mounting depth	in.	5	5	4.567	4.567	5	5
Cutout Diameter	in.	5.95	5.95	9.37	9.37	11.22	11.22
Frame Outside Diameter	in.	7.05	7.05	10.236	10.236	12.205	12.205
ENCLOSURE RECOMMENDATIONS							
Single sub sealed	cf.	0.65	0.65	0.8	0.8	1.25	1.25
Dual subs Sealed	cf.	1.1	1.1	1.4	1.4	2.4	2.4
Single sub vented	cf.	1.1	1.1	1.4	1.4	2.4	2.4
Port dimensions		3" x 3" x 14.5" L	3" x 3" x 14.5" L	3" x 4" x 16" L	3" x 4" x 16" L	4" x 5" x 15.5" L	4" x 5" x 15.5" L
Tuning frequency	hz	40	40	38	38	37	37
Dual sub vented	cf.	2	2	2.7	2.7	4.4	4.4
Port dimensions		4" x 5" x 16.5" L	4" x 5" x 16.5" L	5" x 5" x 16"	5" x 5" x 16"	6" x 6" x 14.5" L	6" x 6" x 14.5" L
Tuning frequency	hz	40	40	38	38	37	37



MEMPHIS

A U D I O S I N C E 1 9 6 5



MEMPHIS
MARINE SUBWOOFERS

www.memphiscaraudio.com