ALL ASPECTS BELOW ARE WITH ZERO ADDED MASS
ASSUMING SURROUND LOSSES OF Qmd = 7 @ 20Hz

T/S Parameters

CMS, CMP	0.000288201 N m
Diameter Peak to Peak, D	25 cm
Active Piston Area Sd	490.875 cm^2
Active Piston Area Sd	0.0490875 m
Vas in Liters	98.61116866 L
Vas in Cubic Feet	3.472224249 ft^3
Air Mass Mmr In Kilograms	0.006253515 kg
Air Mass Mmr In Grams	6.253515291 g
Moving Mass In Grams	213 g
Mms = Mmp In Grams	219.2535153 g
Free Air Resonance Fs = Fp	20.02155789 Hz
Qm	9.5
Peak To Peak Excursion	4 in. / 10.16 cm

Dimensions

Overall Diameter	12.37 in. (314.2 mm)
Cutout Diameter	11.37 in. (289 mm)
Mounting Depth	2.09 in. (53.3 mm)
Hex Nut Size	US 5/16 (M8)
Mass ID	0.31 in. (8 mm)
Max Mass OD	2.91 in. (74 mm)

Specifications are subject to change without notice.

EARTHQUAKE® SOUND
The Sound That Will *Move* You

SLAPS-M12v2

MASS TUNED SLAPS PASSIVE RADIATOR

(Symmetrically Loaded Audio Passive System)

PATENTED

U.S. Patent No. 6,044,925
U.S. Patent No. 6,460,651 B1
U.S. Patent No. 6,626,263 B2
and more patents pending

TUNING MANUAL

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www.earthquakesound.com | www.earthquakesoundshop.com

SLAPS-M12 INTERNAL NET BOX SIZES IN CUBIC FEET WITH A 1/4 CUBIC FEET INCREMENTS

0.75 ft^3		1 ft^3		1.25 ft^3		1.5 ft^3		1.75 ft^3		2 ft^3		2.25 ft^3	
Tuning Hz	Added Mass	Tuning Hz	Added Mass	Tuning Hz	Added Mass	Tuning Hz	Added Mass	Tuning Hz	Added Mass	Tuning Hz	Added Mass	Tuning Hz	Added Mass
15	1607	15	1149	15	874	15	691	15	561	15	463	15	386
16	1385	16	983	16	741	16	581	16	466	16	379	16	312
17	1201	17	845	17	631	17	489	17	387	17	311	17	251
18	1047	18	730	18	539	18	412	18	321	18	253	18	200
19	917	19	632	19	461	19	347	19	265	19	204	19	156
20	806	20	548	20	394	20	291	20	217	20	162	20	119
21	710	21	477	21	336	21	243	21	176	21	126	21	87
22	627	22	414	22	287	22	202	22	141	22	95	22	60
23	555	23	360	23	243	23	165	23	110	23	68	23	36
24	491	24	312	24	205	24	134	24	83	24	44	24	14
25	435	25	270	25	172	25	106	25	59	25	23	25	-4
26	385	26	233	26	142	26	81	26	37	26	5	26	-21
27	341	27	200	27	115	27	59	27	18	27	-12	27	-36
28	301	28	170	28	91	28	39	28	1	28	-27	28	-49
29	266	29	143	29	70	29	21	29	-14	29	-40	29	-61
30	234	30	119	30	51	30	5	30	-28	30	-52	30	-71
31	205	31	98	31	33	31	-10	31	-40	31	-63	31	-81
32	178	32	78	32	17	32	-23	32	-51	32	-73	32	-90
33	154	33	60	33	3	33	-35	33	-62	33	-82	33	-98
34	132	34	43	34	-10	34	-46	34	-71	34	-90	34	-105
35	112	35	28	35	-22	35	-56	35	-80	35	-98	35	-112
36	94	36	14	36	-33	36	-65	36	-88	36	-105	36	-118
37	77	37	2	37	-43	37	-73	37	-95	37	-111	37	-124
38	61	38	-10	38	-53	38	-81	38	-102	38	-117	38	-129
39	47	39	-21	39	-61	39	-88	39	-108	39	-122	39	-134
40	34	40	-31	40	-69	40	-95	40	-114	40	-127	40	-138
41	21	41	-40	41	-77	41	-101	41	-119	41	-132	41	-142
42	10	42	-49	42	-84	42	-107	42	-124	42	-136	42	-146
43	-1	43	-57	43	-90	43	-112	43	-128	43	-140	43	-150
44	-11	44	-64	44	-96	44	-118	44	-133	44	-144	44	-153
45	-20	45	-71	45	-102	45	-122	45	-137	45	-148	45	-156
46	-29	46	-78	46	-107	46	-127	46	-140	46	-151	46	-159
47	-37	47	-84	47	-112	47	-131	47	-144	47	-154	47	-162
48	-45	48	-90	48	-117	48	-134	48	-147	48	-157	48	-164
49	-52	49	-95	49	-121	49	-138	49	-150	49	-160	49	-167
50	-59	50	-100	50	-125	50	-141	50	-153	50	-162	50	-169

Not Recommended Optimal Do Not Used