



## 2017 PRX 10" 12" 15" SUBWOOPER SPECS

	UNITS	PRX104	PRX1044	PRX124	PRX1244	PRX154	PRX1544
<b>THIELSE SMALL PARAMETERS</b>							
Resonant Frequency (fs)	Hz	45.2	47.6	36.9	36.5	38.2	41.4
Mechanical Q (Qms)		6.576	7.135	7.561	6.82	6.808	6.448
Electrical Q (Qes)		0.762	0.898	0.806	0.916	1.716	1.682
Total Q (Qts)		0.683	0.797	0.728	0.807	1.37	1.307
Sensitivity	Db	83	84	86	86	85	84
Xmax Linear	in.	0.51	0.55	0.51	0.55	0.51	0.53
Displacement	cf.	0.12	0.12	0.16	0.16	0.29	0.29
Air volume of suspension (Vas)	cf.	0.418	0.443	1.098	1.237	1.71	1.73
Moving Mass (Mms)	g	154.8	132.01	195.5	176.74	327.7	275.6
Suspension Compliance (Cms)	mmN	0.08	0.85	0.095	0.108	0.053	0.054
Effective piston area (Sd)	g	148.24	125.43	183.2	164.8	301.97	249.9
Motor Strength (Bl)	TM	14.302	8.668	14.389	8.893	12.893	8.593
<b>VOICE COIL &amp; MAGNET</b>							
Impedance Series	ohms	*****n/a*****	8	*****n/a*****	8	*****n/a*****	8
Impedance parallel	ohms	*****n/a*****	2	*****n/a*****	2	*****n/a*****	2
Voice coil diameter	in.	2	2	2	2	2.5	2.5
RMS Power	Watts	250	250	300	300	300	300
Peak Power	Watts	500	500	600	600	600	600
Magnet weight	oz	60	60	60	60	60	60
Magnet diameter	in.	6.5	6.5	6.5	6.5	6.5	6.5
<b>PHYSICAL DIMENSIONS</b>							
Mounting depth	in.	5.18	5.18	5.54	5.54	6.73	6.73
Cutout Diameter	in.	9.25	9.25	11	11	13.8	13.8
Frame Outside Diameter	in.	10.55	10.55	12.56	12.56	15.59	15.59
<b>ENCLOSURE RECOMMENDATIONS</b>							
Single sub sealed	cf.	0.75	0.75	1.25	1.25	3	3
Dual subs Sealed	cf.	1.5	1.5	2.5	2.5	6	6
Single sub vented	cf.	1.75	1.75	3.25	3.25	4.75	4.75
Port dimensions		10.5" x 1.5" x 15"L	10.5" x 1.5" x 15"L	12.5" x 2.00" x 14.5"L	12.5" x 2.00" x 14.5"L	15.5" x 3" x 19"L	15.5" x 3" x 19"L
Tuning frequency	hz	40	40	37	37	35	35
Dual sub vented	cf.	3.75	3.75	6.5	6.5	9.5	9.5
Port dimensions		10.5" x 3" x 12"L	10.5" x 3" x 12"L	12.5" x 4.5" x 13.25"L	12.5" x 4.5" x 13.25"L	15.5" x 5.5" x 15.5"L	15.5" x 5.5" x 15.5"L
Tuning frequency	cf.	40	40	37	37	35	35



## 2017 PRX 6" 8" SUBWOOFER SPECS

	UNITS	15-PRX6D1	15-PRX6D2	15-PRX8S4	15-PRX8D4
<b>THIELSE SMALL PARAMETERS</b>					
Resonant Frequency (fs)	Hz	51.6	52.3	49.1	52.6
Mechanical Q (Qms)		4.63	4.109	6.431	7.1
Electrical Q (Qes)		0.684	0.668	0.813	0.954
Total Q (Qts)		0.596	0.575	0.722	0.841
Sensitivity	Db	82	82	84	84
Xmax Linear	in.	0.246	0.224	0.232	0.257
Displacement	cf.	0.012	0.012	0.023	0.023
Air volume of suspension (Vas)	cf.	4	4.74	10.18	8.25
Moving Mass (Mms)	g	55.644	45.761	63.544	68.212
Suspension Compliance (Cms)	mmN	0.171	0.202	0.165	0.134
Effective piston area (Sd)	SqCm	128.68	128.68	208.67	208.67
Motor Strength (BI)	TM	3.405	4.65	9.272	6.48
<b>VOICE COIL &amp; MAGNET</b>					
Impedance Series	ohms	2	4	*****n/a*****	8
Impedance parallel	ohms	0.5	2	*****n/a*****	2
Voice coil diameter	in.				
RMS Power	Watts	150	150	200	200
Peak Power	Watts	300	300	400	400
Magnet weight	oz	41	41	41	41
Magnet diameter					
<b>PHYSICAL DIMENSIONS</b>					
Mounting depth	in.	3.11	3.11	3.89	3.89
Cutout Diameter	in.	5.67	5.67	6.92	6.92
Frame Outside Diameter	in.	7.28	7.28	8.63	8.63
<b>ENCLOSURE RECOMMENDATIONS</b>					
Single sub sealed	cf.	0.35	0.35	0.45	0.45
Dual subs Sealed	cf.	0.7	0.7	0.9	0.9
Single sub vented	cf.	0.5	0.5	0.7	0.7
Port dimensions		2" x 2" x 8.75"L	2" x 2" x 8.75"L	2.5" x 2.5" x 9.5"L	2.5" x 2.5" x 9.5"L
Tuning frequency	hz	47	47	43	43
Dual sub vented	cf.	1.4	1.4	1.7	1.7
Port dimensions		7" x 2" x 12"L	7" x 2" x 12"L	9" x 2" x 14"L	9" x 2" x 14"L
Tuning frequency	cf.	47	47	43	43