



MEMPHIS

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PR
POWER REFERENCE

2021 PRX 10" 12" 15" SUBWOOFER SPECS

	UNITS	PRX1024		PRX1224		PRX1524	
THIELE SMALL PARAMETERS		2Ω	4Ω	2Ω	4Ω	2Ω	4Ω
Resonant Frequency (fs)	Hz	36	36	35	35	32	32
Mechanical Q (Qms)		7.47	7.34	6.8	6.47	10.8	10.58
Electrical Q (Qes)		0.73	0.64	0.86	0.74	1.06	0.96
Total Q (Qts)		0.66	0.56	0.763	0.664	0.96	0.88
Sensitivity	dB	84	84.5	85.8	86.2	86.5	87.1
Xmax Linear	in.	0.414	0.414	0.414	0.414	0.414	0.414
Displacement	cf.	0.12	0.12	0.16	0.16	0.29	0.29
Air volume of suspension (Vas)	cf.	0.881	0.881	1.374	1.539	3.506	3.506
Moving Mass (Mms)	g	129.2	129.2	179.5	179.5	271.3	271.3
Suspension Compliance (Cms)	mmN	0.148	0.148	0.115	0.119	0.091	0.091
Effective piston area (Sd)	g	346.36	346.36	490.84	490.84	881.41	881.41
Motor Strength (Bl)	TM	8.84	13.29	9.26	14	9.84	14.83
VOICE COIL & MAGNET							
DCR	ohms	1.92	3.8	1.88	3.7	1.89	3.85
Impedance	ohms	2	4	2	4	2	4
Voice coil diameter	in.	2	2	2	2	2	2
RMS Power	Watts	300	300	300	300	300	300
Peak Power	Watts	600	600	600	600	600	600
Magnet weight	oz	50	50	50	50	73	73
Magnet diameter	in.	5.5	5.5	5.5	5.5	5.75	5.75
PHYSICAL DIMENSIONS							
Mounting depth	in.	5.1	5.1	5.54	5.54	6.8	6.8
Cutout Diameter	in.	9.2	9.2	11	11	13.8	13.8
Frame Outside Diameter	in.	10.44	10.44	12.56	12.56	15.59	15.59
ENCLOSURE RECOMMENDATIONS							
Single sub sealed	cf.	1		1.25		3	
Dual subs Sealed	cf.	2		2.5		6	
Single sub vented	cf.	1.5 GROSS		2.75 GROSS		4.6 GROSS	
Port dimensions		10.5"x1.25"x17.75"L		12.5"x2"x20.75"L		15.5"x3"x29"L	
Tuning frequency	Hz	38		35		32	
Dual sub vented	cf.	2.9 GROSS		5.5 GROSS		8.5 GROSS	
Port dimensions		10.5"x2.5"x15.75"L		12.5"x4"x19"L		15.5"x4.5"x17.5"L	
Tuning frequency	Hz	38		35		32	



WARRANTY

Memphis Audio PR WOOFERS Limited Warranty

This product has a one year warranty from the date of purchase for defects in material or workmanship. This warranty will be extended to 2 years when installed by a Memphis authorized dealer using Memphis Connection products. The warranty is void if the product has been physically damaged by improper usage or abuse. If repairs are attempted outside of a Memphis Audio facility, the warranty is void.

This warranty is limited to the original retail purchaser and does not cover any expenses incurred in the removal or re-installation of the product. This warranty does NOT apply to product exterior and cosmetics. Memphis Audio disclaims any liability for incidental or consequential damages caused by product defects. Memphis Audio liability will not exceed the purchase price of the product and the warranty period specified.

What is NOT covered under warranty

- Damage due to improper installation
- Damage caused by exposure to moisture, excessive heat, chemical cleaners and/or UV radiation
- Damage through negligence, misuse, accident or abuse. (Repeated returns for the same damage may be abuse)
- Product damaged in accident and/or due to criminal activity
- Service performed by anyone other than Memphis Audio
- Subsequent damage to other components
- Any cost or expense related to the removal or re-installation of product
- Products with tampered, missing, altered or defaced serial numbers/labels
- Freight damage
- The cost of shipping product to Memphis Audio
- Return shipping on non-defective items
- Any product not purchased from an authorized Memphis Audio dealer

Some states do not allow the exclusion or limitation of incidental or consequential damages. The above limitations or exclusions may not apply to you. This warranty gives you specific rights, you may have other rights which vary from state to state.

If warranty service is required, a return authorization number is required to return the product to Memphis Audio. Warranty shipments to Memphis Audio are the responsibility of the purchaser. Pack the product carefully in the original carton if possible. Memphis Audio will not be responsible for damages incurred in shipment or due to improper packaging materials used by the purchaser.

If determined to be within warranty your product will be repaired or replaced at the discretion of Memphis Audio.