



PDX Spec Sheet

Series 4 Specs

Product	TS-PDX-IC64	TS-PDX-IC64-DTS	TS-PDX-IC84	TS-PDX-IC84-DTS	TS-PDX-IC64-ANG	TS-PDX-IW64	TS-PDX-IW84	TS-PDX-IW64-LCR
Dimensions: (LxW):	235mm 9.26"	235mm 9.26"	270mm 10.64"	270mm 10.64"	270mm 10.64"	320 x 217mm 12.6" x 8.56"	373 x 253mm 14.67" x 9.97"	389 x 217mm 15.32" x 8.56"
Weight per speaker w/grille	5.46lbs 2.48Kg	5.68lbs 2.58Kg	6.27lbs 2.58Kg	6.69lbs 3.04Kg	6.16lbs 2.80Kg	5.61lbs 2.55Kg	6.05lbs 2.75Kg	7.74lbs 3.52Kg
Cutout Dimensions	211mm 8.3"	211mm 8.3"	246mm 9.7"	246mm 9.7"	246mm 9.7"	297 x 193mm 11.7" x 7.6"	348 x 229mm 13.7" x 9"	366 x 193mm 14.4" x 7.6"
Mounting Depth w/o Enclosure	126mm 4.97"	126mm 4.97"	132mm 5.2"	132mm 5.2"	132mm 5.2"	91mm 3.6"	96.5mm 3.6"	91mm 3.6"
Mounting Depth with Enclosure	157mm 6.2"	157mm 6.2"	168mm 6.6"	168mm 6.6"	168mm 6.6"	96.5mm 3.8"	96.5mm 3.8"	96.5mm 3.8"
Frequency Response (+/- 3dB):	45Hz - 23KHz	45Hz - 23KHz	38Hz - 23KHz	38Hz - 23KHz	45Hz - 23KHz	45Hz - 23KHz	38Hz - 23KHz	45Hz - 23KHz
Nominal Impedance:	8 Ohms	9.5 Ohms (per input)	8 Ohms	11 Ohms (per input)	8 Ohms	8 Ohms	8 Ohms	9.5 Ohms
Minimum Impedance:	6.5 Ohms	8 Ohms (per input)	5.5 Ohms	9 Ohms (per input)	6.5 Ohms	6.5 Ohms	5.5 Ohms	8 Ohms
Crossover Frequency:	2.8kHz	2.8kHz	2.6kHz	2.6kHz	2.8kHz	2.8kHz	2.5kHz	2.5kHz
Crossover Type / Slope:	Linkwitz-Riley / 12dB	Linkwitz-Riley / 12dB	Linkwitz-Riley / 12dB	Linkwitz-Riley / 12dB	Linkwitz-Riley / 12dB	Linkwitz-Riley / 12dB	Linkwitz-Riley / 12dB	Linkwitz-Riley / 12dB
Power Handling (Max): (1.33x RMS)	145W	115W (per input)	160W	125W (per input)	145W	145W	165W	200W
Power Handling (RMS):	110W	85W (per input)	120W	95W (per input)	110W	110W	125W	150W
Sensitivity (dB) @ 1W/1M	89dB	89dB	90dB	90dB	89dB	89dB	90.5dB	90dB
Dispersion Angle	95°	100°	100°	105°	95°	110° H / 90° V	100° H / 90° V	110° H / 90° V
Optimal Air Volume	20-25L	20-25L	35-40L	35-40L	20-25L	20-25L	35-40L	20-25L
Switch 1 Type	Tweeter	Tweeter	Tweeter	Tweeter	Tweeter	Tweeter	Tweeter	Dialogue Enhance
Switch 1 Adjustment	+2dB, Flat, -2dB	+2dB, Flat, -2dB	+2dB, Flat, -2dB	+2dB, Flat, -2dB	+2dB, Flat, -2dB	+2dB, Flat, -2dB	+2dB, Flat, -2dB	On, Off
Dog Type:	Push Lock by Swarm	Push Lock by Swarm	Push Lock by Swarm	Push Lock by Swarm	Push Lock by Swarm	Push Lock by Swarm	Push Lock by Swarm	Push Lock by Swarm
Dog Clamping Range	3/8" to 1-1/8"	3/8" to 1-1/8"	3/8" to 1-1/8"	3/8" to 1-1/8"	3/8" to 1-1/8"	3/8" to 1-1/8"	3/8" to 1-1/8"	3/8" to 1-1/8"
Woofer Size:	6-1/2" (160mm)	6-1/2" (160mm)	8" (200mm)	8" (200mm)	6-1/2" (160mm)	6-1/2" (160mm)	8" (200mm)	6-1/2" (160mm)
Woofer Cone Material:	Carbon Fiber	Carbon Fiber	Carbon Fiber	Carbon Fiber	Carbon Fiber	Carbon Fiber	Carbon Fiber	Carbon Fiber
Woofer Surround Material:	NBR (Buna-N rubber)	NBR (Buna-N rubber)	NBR (Buna-N rubber)	NBR (Buna-N rubber)	NBR (Buna-N rubber)	NBR (Buna-N rubber)	NBR (Buna-N rubber)	NBR (Buna-N rubber)
Woofer Voice Coil Diameter:	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1"
Woofer Excursion (Peak to Peak):	8.5mm	8.5mm	8.5mm	8.5mm	8.5mm	8.5mm	7.6mm	10.8mm
Woofer Magnet Type	Ferrite	Ferrite	Ferrite	Ferrite	Ferrite	Ferrite	Ferrite	Ferrite
Speaker Connector Type:	Spring Loaded Binding Posts	Spring Loaded Binding Posts	Spring Loaded Binding Posts	Spring Loaded Binding Posts	Spring Loaded Binding Posts	Spring Loaded Binding Posts	Spring Loaded Binding Posts	Spring Loaded Binding Posts
Tweeter Size:	1" (25mm)	2 x 3/4" (19mm)	1" (25mm)	2 x 1" (25mm)	1" (25mm)	1" (25mm)	1" (25mm)	1" (25mm)
Tweeter Material:	Teteron Dome	Teteron Dome	Teteron Dome	Teteron Dome	Teteron Dome	Teteron Dome	Teteron Dome	Teteron Dome
Tweeter Mechanism:	Pivoting +/- 12.7°	Pivoting +/- 10°	Pivoting +/- 12.7°	Pivoting +/- 10°	Pivoting +/- 12.7°	Pivoting +/- 12.7°	Pivoting +/- 12.7°	Pivoting +/- 12.7°
Operating Temperature (Min / Max):	-20C to +50C	-20C to +50C	-20C to +50C	-20C to +50C	-20C to +50C	-20C to +50C	-20C to +50C	-20C to +50C

*TS-PDX-IC64-ANG is an angled speaker with the woofer at an angle of 15°

Series 5 Specs

Product	TS-PDX-IC65	TS-PDX-IC85	TS-PDX-IC65-ANG	TS-PDX-IW65	TS-PDX-IW85
Finished Dimensions: (LxW):	235mm 9.26"	270mm 10.64"	270mm 10.64"	320 x 217mm 12.6" x 8.56"	373 x 253mm 14.67" x 9.97"
Weight per speaker w/grille	5.65lbs 2.57Kg	6.47lbs 2.94Kg	6.34lbs 2.88Kg	5.79lbs 2.63Kg	6.25lbs 2.84Kg
Cutout Dimensions (mm)	211mm 8.3"	246mm 9.7"	246mm 9.7"	297 x 193mm 11.7" x 7.6"	348 x 229mm 13.7" x 9"
Mounting Depth w/o Enclosure (Measured from back of baffle)	126mm 4.97"	132mm 5.2"	132mm 5.2"	91mm 3.6"	91mm 3.6"
Mounting Depth with Enclosure (Measured from back of baffle)	157mm 6.2"	168mm 6.6"	168mm 6.6"	96.5mm 3.8"	96.5mm 3.8"
Frequency Response (+/- 3dB):	42Hz - 23KHz	35Hz - 23KHz	42Hz - 23KHz	42Hz - 23KHz	35Hz - 23KHz
Nominal Impedance:	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms
Minimum Impedance:	6.5 Ohms	6.5 Ohms	6.5 Ohms	6.5 Ohms	6.5 Ohms
Crossover Frequency:	2.8kHz	2.6kHz	2.8kHz	2.8kHz	2.5kHz
Crossover Type / Slope:	Linkwitz-Riley / 12dB	Linkwitz-Riley / 12dB	Linkwitz-Riley / 12dB	Linkwitz-Riley / 12dB	Linkwitz-Riley / 12dB
Power Handling (Max): (1.33x RMS)	160W	165W	160W	160W	175W
Power Handling (RMS):	120W	125W	120W	120W	130W
Sensitivity (dB) @ 1W/1M	90dB	91dB	90dB	90dB	91dB
Dispersion Angle	95°	100°	95°	110° H / 90° V	100° H / 90° V
Optimal Air Volume	20-25L	35-40L	20-25L	20-25L	35-40L
Switch 1 Type	Tweeter	Tweeter	Tweeter	Tweeter	Tweeter
Switch 1 Adjustment	+2dB, Flat, -2dB	+2dB, Flat, -2dB	+2dB, Flat, -2dB	+2dB, Flat, -2dB	+2dB, Flat, -2dB
Switch 2 Type	Bass	Bass	Bass	Bass	Bass
Switch 2 Adjustment	+2dB, Flat, -2dB	+2dB, Flat, -2dB	+2dB, Flat, -2dB	+2dB, Flat, -2dB	+2dB, Flat, -2dB
Dog Type:	Push Lock by Swarm	Push Lock by Swarm	Push Lock by Swarm	Push Lock by Swarm	Push Lock by Swarm
Dog Clamping Range	3/8" to 1-1/8"	3/8" to 1-1/8"	3/8" to 1-1/8"	3/8" to 1-1/8"	3/8" to 1-1/8"
Woofer Size:	6-1/2" (160mm)	8" (200mm)	6-1/2" (160mm)	6-1/2" (160mm)	8" (200mm)
Woofer Cone Material:	Interwoven Kevlar / Carbon Fiber	Interwoven Kevlar / Carbon Fiber	Interwoven Kevlar / Carbon Fiber	Interwoven Kevlar / Carbon Fiber	Interwoven Kevlar / Carbon Fiber
Woofer Surround Material:	NBR (Buna-N rubber)	NBR (Buna-N rubber)	NBR (Buna-N rubber)	NBR (Buna-N rubber)	NBR (Buna-N rubber)
Woofer Voice Coil Diameter:	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"
Woofer Excursion (Peak to Peak):	8.5mm	8.5mm	8.5mm	8.5mm	7.6mm
Woofer Magnet Type	Ferrite	Ferrite	Ferrite	Ferrite	Ferrite
Speaker Connector Type:	Spring Loaded Binding Posts	Spring Loaded Binding Posts	Spring Loaded Binding Posts	Spring Loaded Binding Posts	Spring Loaded Binding Posts
Tweeter Size:	1" (25mm)	1" (25mm)	1" (25mm)	1" (25mm)	1" (25mm)
Tweeter Material:	Teteron Dome	Teteron Dome	Teteron Dome	Teteron Dome	Teteron Dome
Tweeter Mechanism:	Pivoting +/- 12.7°	Pivoting +/- 12.7°	Pivoting +/- 12.7°	Pivoting +/- 12.7°	Pivoting +/- 12.7°
Operating Temperature (Min / Max):	-20C to +50C	-20C to +50C	-20C to +50C	-20C to +50C	-20C to +50C

*TS-PDX-IC65-ANG is an angled speaker with the woofer at an angle of 15°