

# TECHNICAL SPECIFICATIONS



	<b>P65-R v2</b>	<b>P80-R v2</b>	<b>P80-SM v2</b>	<b>P80-A v2</b>	<b>P65-IW v2</b>	<b>P80-IW v2</b>
<b>DESIGN</b>	2-driver, 2-way in-ceiling, Advanced SHOCK-MOUNT™ System, Nylon Reinforced Baffle	2-driver, 2-way in-ceiling, Advanced SHOCK-MOUNT™ System, Nylon Reinforced Baffle	3-driver, 2-way in-ceiling, Advanced SHOCK-MOUNT™ System, Nylon Reinforced Baffle	2-driver, 2-way in-ceiling, 30°-Angled Guided Soundfield System SHOCK-MOUNT™ System, Nylon Reinforced Baffle	2-driver, 2-way in-wall, Advanced SHOCK-MOUNT™ System, Die-Cast Aluminum Baffle	2-driver, 2-way in-wall, Advanced SHOCK-MOUNT™ System, Die-Cast Aluminum Baffle
<b>AVAILABLE MARINE MODEL</b>	P65-RX v2	P80-RX v2	--	--	--	--
<b>CROSSOVER</b>	2nd-order electro-acoustic at 2.5 kHz	2nd-order electro-acoustic at 2.5 kHz	2nd-order electro-acoustic at 2.0 kHz	2nd-order electro-acoustic at 2.0 kHz	2nd-order electro-acoustic at 2.5 kHz	2nd-order electro-acoustic at 2.5 kHz
<b>HIGH FREQUENCY DRIVER</b>	1" (2.5cm) Aluminum Magnesium Ceramic (AL-MAC™) Tweeter with Exclusive Perforated Phase-Aligning (PPA™) Tweeter Lens and Reduced Edge Diffraction (RED™) Technology	1" (2.5cm) Aluminum Magnesium Ceramic (AL-MAC™) Tweeter with Exclusive Perforated Phase-Aligning (PPA™) Tweeter Lens and Reduced Edge Diffraction (RED™) Technology	Two 1" (2.5cm) Aluminum Magnesium Ceramic (AL-MAC™) Tweeter with Exclusive Perforated Phase-Aligning (PPA™) Tweeter Lens and Reduced Edge Diffraction (RED™) Technology	1" (2.5cm) Aluminum Magnesium Ceramic (AL-MAC™) Tweeter with Exclusive Perforated Phase-Aligning (PPA™) Tweeter Lens and Reduced Edge Diffraction (RED™) Technology	1" (2.5cm) Aluminum Magnesium Ceramic (AL-MAC™) Tweeter with Exclusive Perforated Phase-Aligning (PPA™) Tweeter Lens and Reduced Edge Diffraction (RED™) Technology	1" (2.5cm) Aluminum Magnesium Ceramic (AL-MAC™) Tweeter with Exclusive Perforated Phase-Aligning (PPA™) Tweeter Lens and Reduced Edge Diffraction (RED™) Technology
<b>MIDRANGE</b>	--	--	--	--	--	--
<b>BASS/MIDRANGE</b>	6.5" (16.5cm)	8" (20.3cm)	8" (20.3cm)	8" (20.3cm)	6.5" (16.5cm)	8" (20.3cm)
	CARBON-X™ Cone with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets	CARBON-X™ Cone with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets	CARBON-X™ Cone with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets	CARBON-X™ Cone with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets	CARBON-X™ Cone with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets	CARBON-X™ Cone with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets
<b>PASSIVE RADIATORS</b>	--	--	--	--	--	--
<b>LOW FREQ. EXTENSION*</b>	41 Hz	39 Hz	40 Hz	39 Hz	35 Hz	30 Hz
<b>FREQUENCY RESPONSE</b> (0-15 degree window)	±3 dB from 75 Hz - 22 kHz	±3 dB from 64 Hz - 22 kHz	±3 dB from 64 Hz - 22 kHz	±3 dB from 58 Hz - 22 kHz	±3 dB from 70 Hz - 22 kHz	±3 dB from 55 Hz - 22 kHz
<b>FREQUENCY RESPONSE</b> (30-45 degree window)	±3 dB from 75 Hz - 18 kHz	±3 dB from 64 Hz - 18 kHz	±3 dB from 64 Hz - 18 kHz	±3 dB from 58 Hz - 18 kHz	±3 dB from 70 Hz - 18 kHz	±3 dB from 55 Hz - 18 kHz
<b>SENSITIVITY - ROOM</b>	91.5 dB	92 dB	92.5 dB	93 dB	91.5 dB	91.5 dB
<b>SENSITIVITY - ANECHOIC</b>	87.5 dB	88 dB	88.5 dB	89 dB	87.5 dB	87.5 dB
<b>SUITABLE AMP POWER RANGE</b>	15-100 W	15-110 W	15-110 W Mono; 15-55 W / channel Stereo Input	15-110 W	15-120 W	15-150 W
<b>MAXIMUM INPUT POWER</b>	80 W	80 W	100 W Mono / 50 W Stereo	80 W	90 W	100 W
<b>IMPEDANCE</b>	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms
<b>DIMENSIONS WITH GRILLE</b> (H x W x D)	8-7/8" (diameter) x 4-1/4" (depth) (22.6cm x 10.7cm)	10-1/4" (diameter) x 4-1/2" (depth) (26.1cm x 11.4cm)	10-1/4" (diameter) x 4-1/2" (depth) (26.1cm x 11.4cm)	12-5/8" (diameter) x 6-1/8" (depth) (32.0cm x 15.5cm)	11-1/4" x 8-1/8" x 3-7/8" (28.7cm x 20.7cm x 9.9cm)	12-5/8" x 9-1/4" x 4" (32.1cm x 23.4cm x 10.2cm)*
<b>CUT-OUT DIMENSIONS</b>	7-3/4" (19.7cm) dia.	9-3/16" (23.4cm) dia.	9-3/16" (23.4cm) dia.	11-7/16" (29.1cm) dia.	10-3/16" x 7" (25.8cm x 17.8cm)	11-9/16" x 8-1/16" (29.3cm x 20.5cm)
<b>MINIMUM MOUNTING DEPTH</b> (Distance behind 1/2" drywall, or similar material)	3-5/8" (9.2cm)	3-7/8" (9.8cm)	3-7/8" (9.8cm)	5-5/8" (14.3cm)	3-3/8" (8.6cm)	3-3/8" (8.6cm)
<b>WEIGHT</b>	5.7 lbs (2.6 kg)	6.4 lbs (2.9 kg)	7.0 lbs (3.2 kg)	6.6 lbs (3 kg)	8.2 lbs (3.7 kg)	8.6 lbs (3.9 kg)
<b>FINISH</b>	White, paintable grille, black speaker	White, paintable grille, black speaker	White, paintable grille, black speaker	White, paintable grille, black speaker	White, paintable grille, black speaker	White, paintable grille, black speaker
<b>ACCESSORIES</b>	PB-8RN	PB-9RN	PB-9RN	PB-11RN	PB-7X10N	PB-8X12N
<b>SQUARE GRILLE OPTION</b>	Yes, sold separately	Yes, sold separately	Yes, sold separately	Yes, sold separately	Yes, sold separately	Yes, sold separately

All specifications are subject to change without notice.