

TABLE 2 - PHANTOM E-Series TECHNICAL SPECIFICATIONS

	PHANTOM E-60 S	PHANTOM E-60 WR	PHANTOM E-80 WR
Frequency range	57 - 25,000 Hz ± 3 dB	52 - 25,000 Hz ± 3 dB	49 - 25,000 Hz ± 3 dB
Sensitivity	90 dB @ 1 m for 2.83 V (both channels)	88 dB @ 1 m for 2.83 V	89 dB @ 1 m for 2.83 V
Nominal impedance	8 + 8 ohm	8 ohm	6 ohm
Maximum SPL	105 dB	105 dB	107 dB
Crossover frequency	2,600 Hz	3,300 Hz	3,200 Hz
Crossover principle	2+2-way	2-way	2-way
Recommended amplifier power	2 x 20 - 80 Watt	30 - 120 Watt	30 - 150 Watt
High frequency driver	2 x 20 mm soft dome	1 x 25 mm soft dome	1 x 25 mm soft dome
High frequency diaphragm	Soft woven fabric	Soft woven fabric	Soft woven fabric
Low/Mid frequency driver	1 x 6½ inch dual voice coil	1 x 6½ inch	1 x 8 inch
Low/Mid frequency diaphragm	Polypropylene	Polypropylene	Polypropylene
Connection input	2 x Single wire	Single wire	Single wire
Enclosure type	Open back	Open back	Open back
Other features	Normal L High+ Normal R High+	Normal/High+ Normal/Mid+ Galvanized grille	Normal/High+ Normal/Mid+ Galvanized grille
Installation location	In-ceiling/In-wall	In-ceiling/In-wall	In-ceiling/In-wall
Recommended placement	Ceiling/Front/Centre/Surround	Ceiling/Front/Centre/Surround	Ceiling/Front/Centre/Surround
IP rating	N/A	IP65	IP65
Outer dimensions incl. grille (H x W x D)	Ø 258 x 109 mm Ø 10.16 x 4.30 inches	Ø 258 x 104 mm Ø 10.16 x 4.09 inches	Ø 295 x 116 mm Ø 11.61 x 4.57 inches
Outer dimensions excl. grille (H x W x D)	Ø 242 x 105 mm Ø 9.53 x 4.14 inches	Ø 242 x 100 mm Ø 9.52 x 3.94 inches	Ø 278 x 113 mm Ø 10.94 x 4.45 inches
Cut-out dimensions	Ø 225 mm Ø 8.86 inches	Ø 225 mm Ø 8.86 inches	Ø 261 mm Ø 10.28 inches
Mounting depth	101 mm 3.98 inches	96 mm 3.78 inches	109 mm 4.29 inches
Recommended rear volume (backbox)	5 - 35 litres	5 - 50 litres	10 - 100 litres
Optimum rear volume	15 litres	15 litres	30 litres
Ceiling/wall thickness (total dog-leg span)	10 - 70 mm 0.39 - 2.76 inches	10 - 70 mm 0.39 - 2.76 inches	10 - 70 mm 0.39 - 2.76 inches
Weight incl. grille	2 kg 4.40 lb	2 kg 4.40 lb	2.50 kg 5.51 lb
Shipping weight	3 kg 6.60 lb	3 kg 6.60 lb	3.50 kg 7.71 lb
Finish	White	White	White
Accessories	Manual Cut-out template Front grille Logo badge	Manual Cut-out template Front grille Logo badge	Manual Cut-out template Front grille Logo badge
Optional accessories	CLASSIC, SQUARE and DESIGN grilles Pre-construction Kit PHANTOM UNIVERSAL 25 backbox	Pre-construction Kit PHANTOM UNIVERSAL 25 backbox	Pre-construction Kit PHANTOM UNIVERSAL 25 backbox

All technical specifications are subject to change without notice.