

Penn PA-12X

12.0" X-pattern · Carbon-Fiber Unibody

45.9 Hz

F3 (-3 DB)

124.5 dB

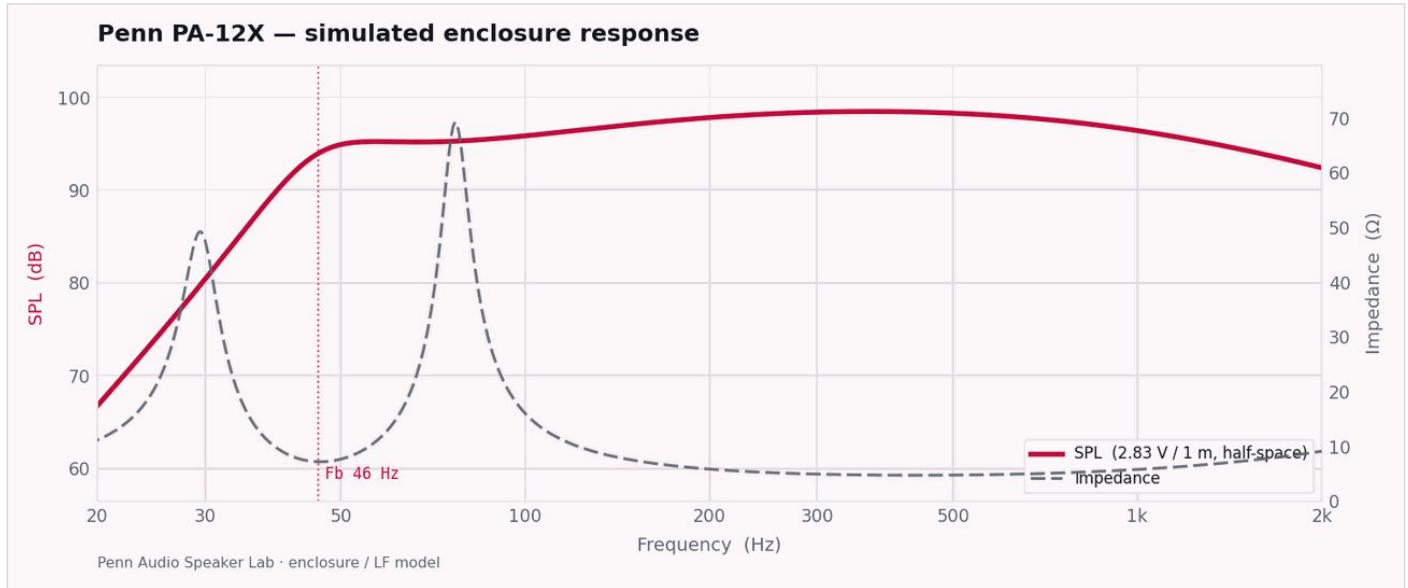
MAX SPL

450 W

POWER (AES)

8.0 Ω

IMPEDANCE



SPECIFICATIONS

Configuration	X-pattern (1 LF center + 4 HF corners on square baffle), vented bass reflex (4 front ports)	HF transducers	4x 1.4" ferrite compression drivers
Frequency response (-10 dB)	39.0 Hz - 18 kHz	Crossover	LR4 @ 1500 Hz (LF → 4x HF array), passive on slide-in baffle
Frequency response (-3 dB)	45.9 Hz - 18 kHz	Enclosure	One-piece carbon-fiber composite Unibody (design)
Cabinet tuning Fb	45.5 Hz	Dimensions (W x H x D)	485 x 485 x 380 mm
Sensitivity (1 W / 1 m)	98.0 dB SPL	Net internal volume	65.0 L
Maximum SPL (thermal)	124.5 dB @ 1 m	Net weight	23.0 kg
Power handling (AES)	450 W	Rigging	M10 HeliCoil 4-point fly grid on top, bottom, left and right faces
Nominal impedance	8.0 Ω	Connectors	2 x Neutrik Speakon NL4MP, parallel-wired
LF transducer	12.0" neodymium woofer	Finish	2K polyurethane UV-stable clear coat, semi-matte

Specifications are Penn Audio Speaker Lab design targets and may be refined in production.