

# Penn PA-S21

21.0" Subwoofer · Carbon-Fiber Unibody

**28.8** Hz

F3 (-3 dB)

**128.9** dB

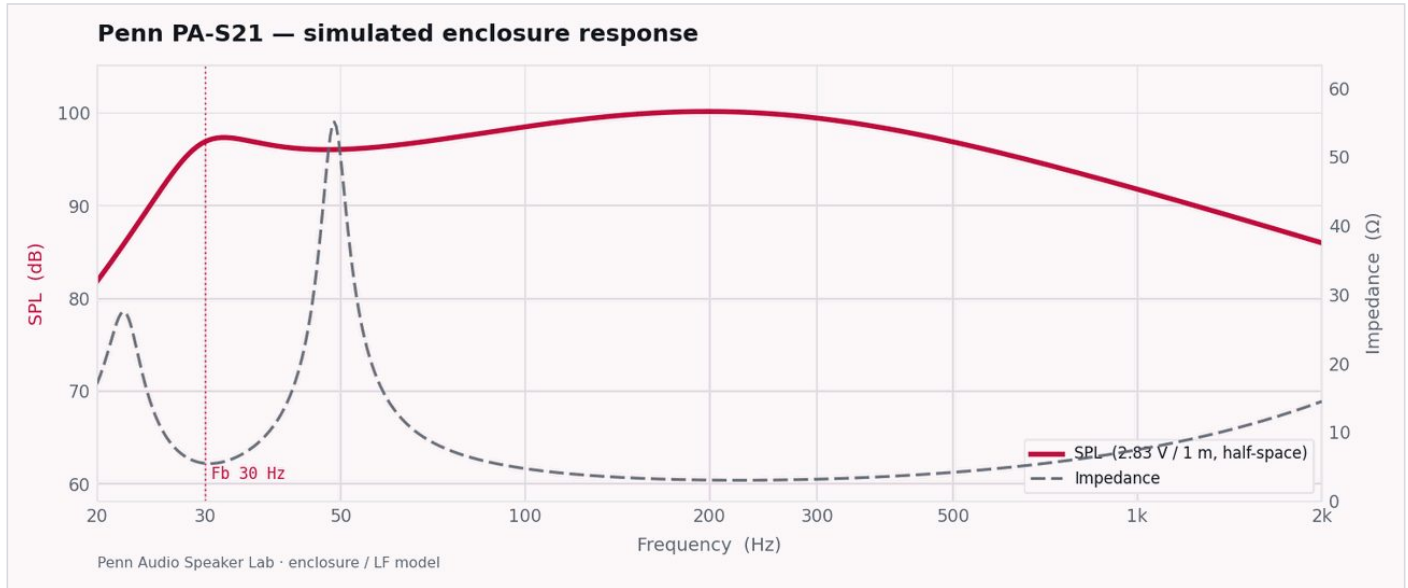
MAX SPL

**1800** W

POWER (AES)

**4.0** Ω

IMPEDANCE



## SPECIFICATIONS

Configuration	<b>Subwoofer, vented bass reflex (front slot port)</b>
Frequency response (-10 dB)	<b>24.5 Hz - 18 kHz</b>
Frequency response (-3 dB)	<b>28.8 Hz - 18 kHz</b>
Cabinet tuning Fb	<b>29.7 Hz</b>
Sensitivity (1 W / 1 m)	<b>96.32 dB SPL</b>
Maximum SPL (thermal)	<b>128.9 dB @ 1 m</b>
Power handling (AES)	<b>1800 W</b>
Nominal impedance	<b>4.0 Ω</b>
LF transducer	<b>21.0" neodymium driver</b>

Recommended LP	<b>70 Hz LR4 (outboard DSP)</b>
Enclosure	<b>One-piece carbon-fiber composite Unibody (design)</b>
Dimensions (W × H × D)	<b>640 × 780 × 720 mm</b>
Net internal volume	<b>250.0 L</b>
Net weight	<b>58.0 kg</b>
Rigging	<b>M10 HeliCoil 4-point fly grid on top, bottom, left and right faces</b>
Connectors	<b>2 × Neutrik Speakon NL4MP, parallel-wired</b>
Finish	<b>2K polyurethane UV-stable clear coat, semi-matte</b>

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