

# The Scorpion® Plus™ 15"



The Peavey Scorpion® Plus™ 15" loudspeaker was designed to high level professional requirements, which is sound reinforcement, public address, and low frequency musical instrument application. Thirty percent Kevlar® tone provides extreme rigidity to maintain a rigid pistonic performance at high drive levels. The addition of Kevlar to the cone material also improves mechanical damping, which improves fidelity and lowers distortion at high drive levels also.

The Scorpion Plus' unique suspension design further contributes to the high reliability in very low distortion by allowing very long excursions with associated low distortion. The large spoke die cast, aluminum frame, and field replaceable cone assembly are features usually found in ultra premium transducers such as the Peavey Black Widow® Series.

The Scorpion Plus 15" Kevlar impregnated cone loudspeaker is another example of the versatility and reliability sound in all Peavey products.

Kevlar® is a registered trademark of DuPont Company

## SPECIFICATIONS

Diameter - 15 inches  
 Nominal Impedance - 8 ohms / 4 ohms  
 Power Handling Capacity -  
     Continuous      200 watts  
     Program\*        400 watts  
 Sensitivity - 101 dB (8 ohms) / 100 (4 ohms)  
 Voice Coil Diameter - 2.5 inches  
 Flux Density - 13000 Gauss  
 Depth - 5<sup>7</sup>/<sub>8</sub> inches  
 Net Weight - 12<sup>3</sup>/<sub>4</sub> lbs.

## THIELE / SMALL PARAMETERS

	8 ohms	4 ohms
F <sub>s</sub>	45 Hz	45 Hz
R <sub>E</sub>	5.6 ohms	3.1 ohms
Q <sub>TS</sub>	.38	.54
V <sub>AS</sub>	3.6 ft <sup>3</sup>	4.6 ft <sup>3</sup>
V <sub>D</sub>	22.1 in <sup>3</sup> (362 ml)	22.1 in <sup>3</sup> (362 ml)
Efficiency (half space)	3.4%	2.1%
S <sub>D</sub> (diaphragm area)	103 in <sup>2</sup>	103 in <sup>2</sup>

\* This specification requires a minimum of 3 dB of amplifier headroom.

