

PVDJ 115P™

SPECIFICATIONS

Enclosure: PVDJ 115P
(domestic)

Frequency Response:
47 Hz to 20 kHz

Low Frequency Limit (-3 dB point):
47 Hz

Useable Low Frequency Limit (-10 dB point):
36 Hz

Internal Power Amplifiers (@120 VAC line):
Woofer - 200 Watts peak dynamic power
150 Watts @ less than 0.1% distortion
Tweeter - 70 Watts peak dynamic power
50 Watts @ less than 0.1% distortion.

Nominal Sensitivity (1W @1M, swept sine input in anechoic environment):
97 dB

Maximum Sound Pressure Level:
120 dB music peak

Nominal Radiation Angles:
90° horizontal by 40° vertical

Transducer Complement:
15" heavy duty woofer, and RX™ 14 1.4" titanium diaphragm compression driver tweeter

Box Tuning Frequency (Fbox):
55 Hz

Electroacoustic Crossover Frequency:
2,000 Hz

Crossover Type:
Internal Electronic two-way crossover with CD horn EQ, level matching, bass boost and subsonic filtering.

Crossover Slopes:
18 dB/octave (third order) low pass, 18 dB/octave (third order) high pass, both with staggered poles and driver EQ.

Input Connections:
One combo female XLR/ 1/4" phone jack providing balanced operation, with switch selectable mic or line level sensitivity. Also has two 1/4" phone jack line level unbalanced inputs with a concentric pair of level controls.

Enclosure Materials and Finish:
Injection-molded polypropylene with internal ribbing and bracing, and with textured finish. Molded material is black.

Mounting:
Pole-mounting via molded-in mount and four rubber feet for floor use.

Dimensions:
28.56" (72.5 cm) tall by 21.31" (54.1 cm) wide {11.50"/29.2 cm in rear} by 17.00" (43.2 cm) deep

Net Weight:
52 lbs.

ELECTRONICS AND AMPLIFIER SPECIFICATIONS:

Electronic Input Impedance (Nominal):
Primary balanced input: 20 k ohms line level sensitivity selected, 2.4 k ohms mic level sensitivity selected, 10 k ohms unbalanced 1/4".

Mic Switch Sensitivity Increase:
30 dB

Infrasonic filter protection:
36 dB/octave roll-off

Nominal Amplifier Frequency Response:
+0, -1 dB from 10 Hz to 30 kHz

Hum and Noise:
Greater than 90 dB below rated power

DDT Dynamic Range:
Greater than 14 dB

THD and IM:
Typically less than 0.1 %

Damping Factor:
Greater than 100 @ 1000 Hz, 8 Ohms

Power requirements of Peavey PVDJ 112™ System (domestic):
Nominal 100 Watts, 120 VAC, 60 Hz