

HPI-18BP Data Sheet

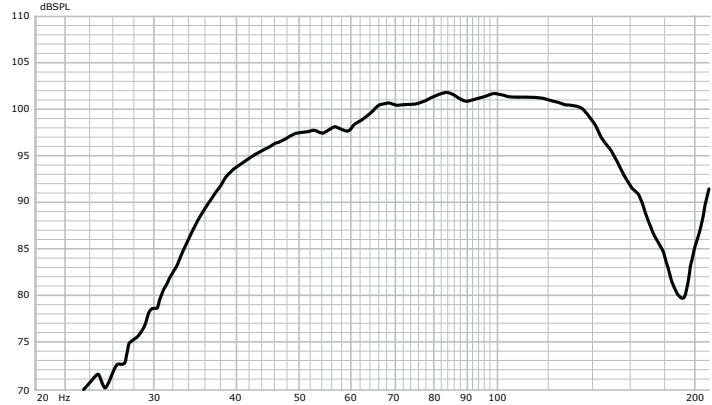
The HPI18BP Bandpass single 18" Subwoofer is designed for high powered live and electronic dance music in medium to large venues.

The Australian design and manufactured AES 1000W – Peak 4000W 18" sub bass driver in combination with the proprietary band-pass cabinet design is a high output and relatively compact solution for extended range bass for concert venues, nightclubs or as a stand-alone unit.

Apart from the usual sub bass electronic bandpass prior to the amplifier stage, no corrective system processor is required to maintain consistent audio quality. The stability of the driver under high loads also means reliability and long life in demanding environments.



Specifications	
Design Model	Two Chamber Bandpass
Impedance	8Ω
Frequency response	30 Hz – 150 Hz +/- 4.5dB
Sensitivity	103dB @1W, 1m
Max. Average Calc. SPL	136 dB
Woofer	Single High Stability 18"
Optional Fittings	Speaker pole
Connections	NL4 in/thru
Rec. Amplifier Power	2 - 4000 Watts RMS per channel
Power Handling AES2-1984	AES: 1000 Watts*
	Continuous Program 2000 Watts
	Peak: 4000 Watts
Fittings	1 x Speaker Pole Cup 35-37mm
Dimensions (H x W x D)	595mm x 750mm x 825mm
Net Weight	60Kg
Shipping Weight	66Kg



*AES power is determined according to AES2-1984 standard in free-air 40Hz-400Hz. A 2-hour test using pink noise with the specified dynamics and frequency content that matches the driver's frequency range. Maximum recommended program power is twice AES power providing the safe excursion limits are not exceeded.

** Quest Engineering reserves the right to make changes in specifications, or products without prior notice.

*** The figures shown above are 'real world', usable specifications and are conservative as a result. Quest Engineering does not believe in portraying misleading or exaggerated specifications.