

Specifications — WPB 100, WPB 200, WPB 300 Series

NOTE On all models except the WPB 103B and WPB 107B, audio signals are passed through without any processing.

Audio — WPB 103B and WPB 107B only

Gain	Unbalanced output: 0 dB; Balanced output: +6 dB
Frequency response	20 Hz to 20 kHz, ± 0.5 dB
THD + Noise	<0.025% @ 1 kHz, <0.020% @ 20 kHz at nominal level
S/N	>100 dB at maximum output (unweighted)
Stereo channel separation	
3.5 mm mini audio jack...	>56 dB @ 20 Hz to 10 kHz
RCA jacks	>75 dB @ 20 Hz to 10 kHz

Audio input — WPB 103B and WPB 107B only

Number/signal type	1 stereo, unbalanced, line level
Connectors	(1) 3.5 mm mini audio jack (tip-ring-sleeve), female 1 pair of RCA (tip-ring) jacks, female
Impedance	>10 kohms unbalanced, DC coupled
Nominal level	-10 dBV (316 mVrms)
Maximum level	+6 dBu, (balanced or unbalanced) at 1% THD+N

NOTE $0\text{dBu} = 0.775\text{Vrms}$, $0\text{dBV} = 1\text{Vrms}$, $0\text{dBV} \approx 2\text{dBu}$.

Audio output — WPB 103B and WPB 107B only

Number/signal type	1 stereo, balanced/unbalanced
Connectors	(1) 3.5 mm direct insertion captive screw connector, 5 pole
Impedance	50 ohms unbalanced, 100 ohms balanced
Nominal level	-2 dBu (0.632Vrms) for balanced output
Maximum level (Hi-Z)	>+15 dBu, balanced or unbalanced at 1% THD+N
Maximum level (600 ohm)	>+13 dBm, balanced or unbalanced at 1% THD+N

General — all models

Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing
Rack mount	No, but furniture/wall mountable
Enclosure type	Metal
Dimensions	
WPB 100 Series (1 gang models)	4.5" H x 2.8" W x 1.6" D* (11.4 cm H x 7.1 cm W x 4.1 cm D*) (1 gang)
WPB 200 Series (2 gang models)	4.5" H x 4.6" W x 1.6" D* (11.4 cm H x 11.7 cm W x 4.1 cm D*) (2 gang)
WPB 300 Series (3 gang models)	4.5" H x 6.4" W x 1.6" D* (11.4 cm H x 16.3 cm W x 4.1 cm D*) (3 gang)
	* (The faceplate itself is 0.1" D (0.3 cm D). The listed depth includes rear connectors and excludes front connectors. Allow at least 2.5" (6.4 cm) depth within the wall box or furniture to accommodate the connectors, and cables.)
Product weight	
WPB 100 Series	0.2 lbs (0.1 kg)
WPB 200 Series	0.3 lbs (0.1 kg)
WPB 300 Series	0.5 lbs (0.3 kg)
Shipping weight	
WPB 100 Series	1 lbs (1 kg)
WPB 200 Series	3 lbs (2 kg)
WPB 300 Series	5 lbs (3 kg)

Vibration ISTA 1A in carton (International Safe Transit Association)
MTBF 30,000 hours
Warranty 3 years parts and labor

NOTE *All nominal levels are at $\pm 10\%$.*

NOTE *Specifications are subject to change without notice.*

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