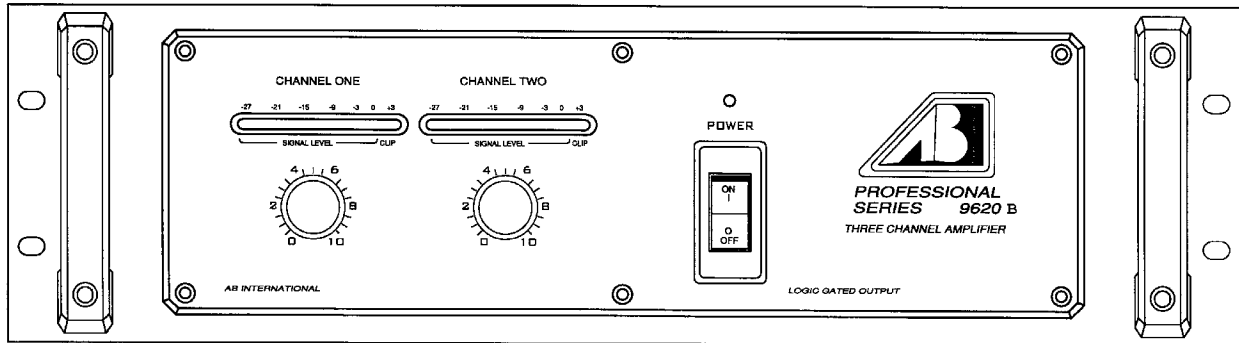




Model 9620B

Professional Series



The AB International Professional Series 9620B is a two channel stereo amplifier. This compact (three rack unit) instrument features individual channel level controls, 11 LED vu display with clip indication, 1/4" jack inputs (balanced), XLR inputs (balanced), ground lift switch, and a Stereo / Parallel / Bridge switch. The 9620B delivers 850 Watts per channel into 8 Ohms, 1500 Watts per channel into 4 Ohms, and 2000 Watts into 2 Ohms 20Hz-20KHz at .1% distortion.

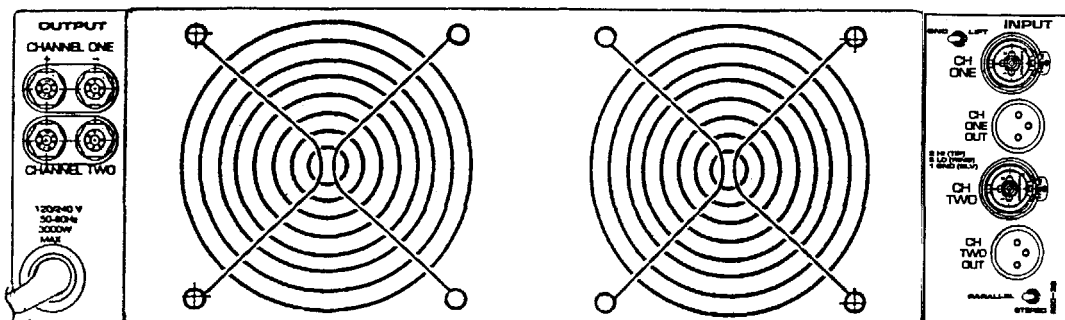
The 9620B employs only 20dB of negative feedback to reduce forward transfer distortion components to minimum levels. VI energy limiters are incorporated for short-circuit protection and a thermal sensor

prevents an over-temperature condition.

Other features include dual two speed temperature actuated DC fans, "Soft Clip" speaker protection circuitry, selectable input sensitivity, and a fully modular construction for service accessibility.

The AB International Model 9620B features the "Logic Operated Gated Output" supply system. Dual tri-level supplies that gate the operating voltages around the output waveform power high current, fully complimentary output stages. This is used to control and eliminate unused and inefficient headroom.

The 9620B operates from 100-240V 50-60Hz AC mains and measures 5 1/4" high (three rack unit), 19" wide and 16 1/2" deep.



Type:	Two channel amplifier	Slew Rate:	Closed-loop response greater than 40V per microsecond
Continuous Power Output Per Channel 20Hz to 20KHz:	850w into 8 Ohms 1500w into 4 Ohms 2000w into 2 Ohms 3000w 8 ohms Bridge 4000w 4 ohms Bridge	Crosstalk:	-80dB
Frequency Response:	+/- 0.25dB 20-20kHz	Gain:	39dB
Distortion:	No more than 0.1% THD or TM 0.01 to rated output.	Mainframe Power Supply:	Toroidal transformer 4EA (26,000uf) capacitors
Hum & Noise:	101 dB below rated output (unweighted, 20kHz bandwidth)	Turn-On Delay:	3 sec., solid-state actuated
Input Sensitivity:	1.0V RMS for rated output (selectable) .775, 1.0, 1.5V	Power Requirements:	AC Mains- 100-240VAC 50/60Hz@32A/16A
Input Connectors:	1/4" phone jack (balanced) XLR (balanced) Neu Combo XLR Male parallel out.	Thermal Protection:	Thermal sensor activates channel shutdown if an overheating condition exists
Output Connect:	5-way binding posts (Speakon Optional)	DC Protection:	DC sensor activates channel shutdown if DC condition exists, Soft clip protection
Control & Indicators:	(Front panel) AC mains power breaker, power on LED, level controls, and 11-LED vu displays (Rear panel) ground lift switch, stereo/bridged/parallel switch	Heatsink and Cooling:	Dual speed fans providing extra power handling utilizing massive heatsink extrusions
Damping Factor:	1000:1 at 1kHz	Construction:	14-gauge cold-rolled steel with 1/4" heavy aluminum front panel
		Dimensions:	Slim line 5 1/4" height, 19" standard rack mount width, 16.5" depth overall (less handles)
		Unit Weight:	63 lbs (28.18 kg)
		Shipping Weight:	69 lbs (30.87 kg)