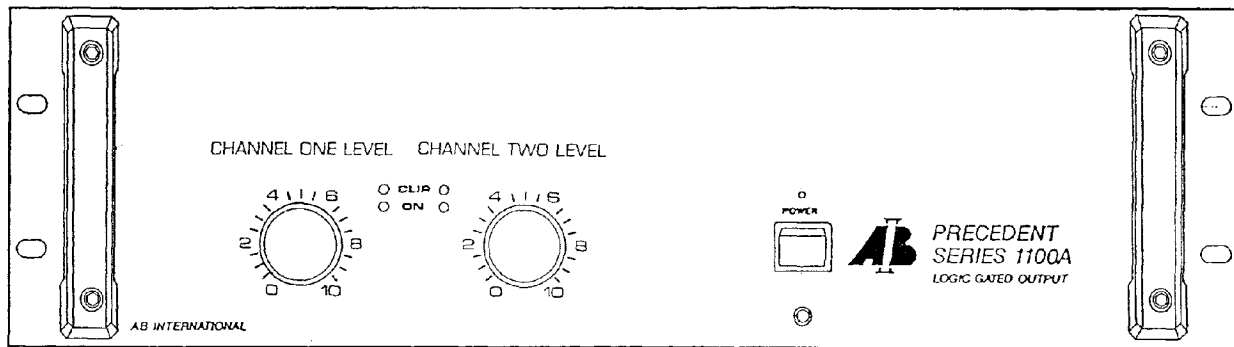




# Model 900A & Model 1100A



The AB Int'l models 900A/1100A are both a two channel stereo amplifier. The compact (three rack unit) instruments feature individual channel level controls, with signal and clip LED indication, 1/4" jack inputs (unbalanced), XLR inputs (balanced), ground lift switch, and a Dual / Bridge switch.

The 900A delivers 350 Watts per channel into 8 Ohms, 590 Watts per channel into 4 Ohms and 775 Watts into 2 Ohms 20Hz-20KHz at < .1% distortion.

The 1100A delivers 525 Watts per channel into 8 Ohms, 850 Watts per channel into 4 Ohms and 1100 Watts per channel into 2 Ohms at < .1% distortion.

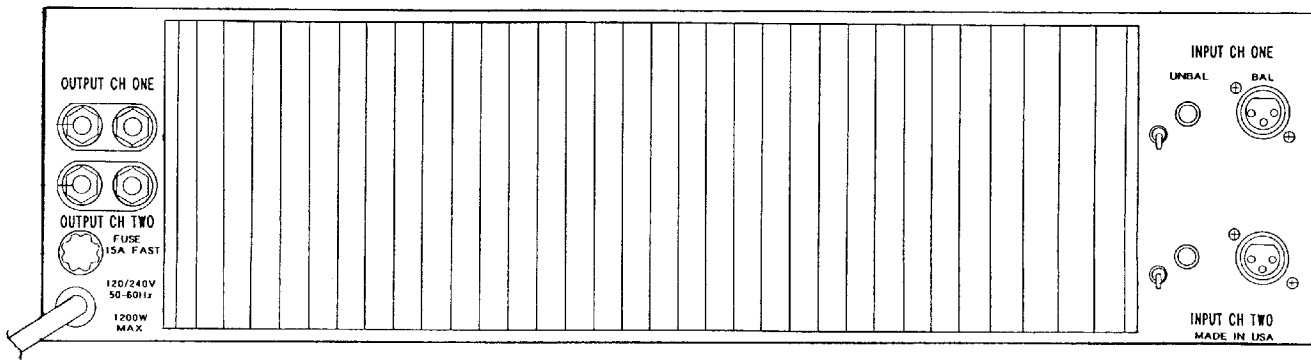
Both units employ only 20dB of negative feedback to reduce forward transfer distortion components to minimum levels. VI energy limiters are incorporated for

short-circuit protection and a thermal sensor prevents an over-temperature condition.

Other features include "Soft Clip" speaker protection circuitry, selectable input sensitivity, and a fully modular construction for service accessibility. The 1100A incorporates an internal, dual speed fan for cooling. The 900A features convection cooling.

Both AB Int'l Models 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.

Both units operate from 100-240V 50-60Hz AC mains and measures 5-1/4" high (three rack unit), 19" wide and 11-7/8" deep.



<b>Type:</b>	Two channel amplifier	<b>Slew Rate:</b>	Closed-loop response greater than 40V per microsecond
<b>900A</b>	350wpc @ 8 Ohms	<b>Crosstalk:</b>	-86dB
<b>Continuous Power Output Per Channel 20Hz to 20kHz</b>	590wpc @ 4 Ohms 775wpc @ 2 Ohms 925w @ 8 Ohms Bridged 1123w @ 4 Ohms Bridged	<b>Gain:</b>	31dB(900A), 33dB(1100A)
<b>1100A</b>	525wpc @ 8 Ohms	<b>Mainframe Power Supply:</b>	Toroidal transformer 4EA (26,000uf) capacitors
<b>Continuous Power Output Per Channel 20Hz to 20kHz</b>	850wpc @ 4 Ohms 1100wpc @ 2 Ohms 1300w @ 8 Ohms Bridged 1700w @ 4 Ohms Bridged	<b>Turn-On Delay:</b>	3 sec., solid-state actuated
<b>Frequency Response:</b>	+/- 0.25dB 20-20kHz	<b>Power Requirements:</b>	AC Mains- 100-240VAC 50/60Hz @ 15A/7.5A
<b>Distortion:</b>	< 0.25% THD or TM 0.01 to rated output, (Typ. < .01%)	<b>Thermal Protection:</b>	Thermal sensor activates channel shutdown if an overheating condition exists
<b>Hum &amp; Noise:</b>	101 dB below rated output (unweighted, 20kHz bandwidth)	<b>DC Protection:</b>	DC sensor activates channel shutdown if DC condition exists, Soft clip protection
<b>Input Sensitivity:</b>	1.0V RMS for rated output (selectable) .775, 1.0, 1.5V	<b>Heatsink and Cooling:</b>	Dual speed fan (1100A) providing extra power handling utilizing massive heatsink extrusions
<b>Input Connectors:</b>	1/4" phone jack (Unbalanced) XLR (balanced)	<b>Construction:</b>	14-gauge cold-rolled steel with 3/16" heavy aluminum front panel
<b>Output Connect:</b>	5-way binding posts	<b>Dimensions:</b>	Slim line 5-1/4" height, 19" standard rack mount width, 14-1/4" depth overall (12-5/8" less handles)
<b>Control &amp; Indicators:</b>	(Front panel) AC mains power switch, power on LED, level controls and signal/clip LED's (Rear panel) ground lift switch and Dual/Bridge switch	<b>Unit Weight:</b>	35 lbs / 15.9kg (900A) 40 lbs / 18.2kg (1100A)
<b>Damping Factor:</b>	500:1 at 1kHz	<b>Shipping Weight:</b>	39 lbs / 17.7kg (900A) 44 lbs / 20.0kg (1100A)