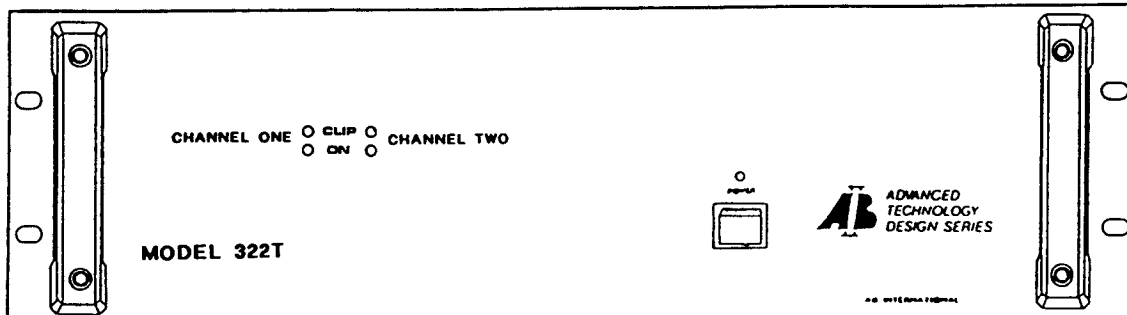


**ADVANCED
TECHNOLOGY
DESIGN SERIES**

**322T
TWO CHANNEL
70V AMPLIFIER**



Advanced Technology Design Series IV from AB International is a modular system of high performance power amplifiers and electronic signal processing that may be precisely tailored to the specific requirements of professional loudspeaker components. The experience gained from building three generations of signal-processing power amplifiers brings new features and new standards of performance to ATD IV.

The AB International ATD Series 322T is a two channel power amplifier that delivers 300w per channel thru an internal 70v line isolation transformer. This compact (three rack unit) instrument features convection cooling, individual channel level controls (rear panel), internal input balanced isolation transformers (optional), terminal strip input connections, 5 way binding post output connections, selectable input sensitivity, DC latch speaker protection and a fully modular construction for service accessibility.

The 322T 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.

The AB International Model 322T features delayed-ON, instant-OFF muting control circuit allows supply voltages to stabilize before loudspeakers are connected. Speaker connections are instantly removed, should there be an interruption of AC power.

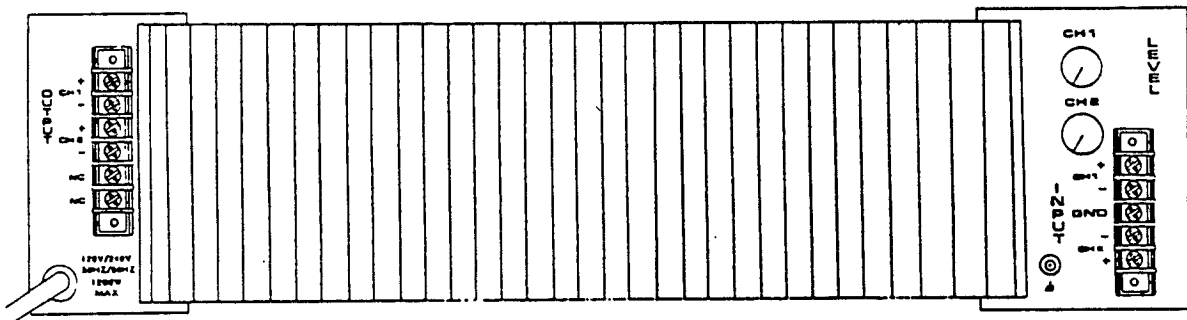
For users desiring specific non-standard features and/or signal processing, a wide variety of options are available, including high pass frequencies, cross-over frequencies and filter topology and HF power response equalization, contact AB International for details.

The 322T operates from 100-240V 50-60Hz AC mains and measures 5 1/4" high (three rack unit), 19" wide and 12" deep.

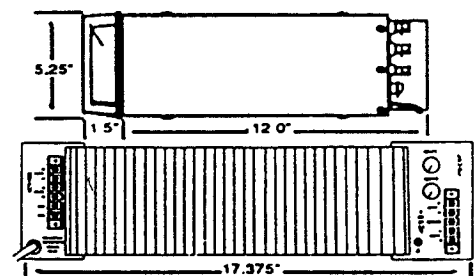
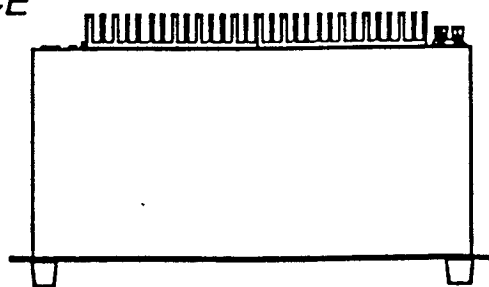
AB MODEL 322T SPECIFICATIONS

Type:	Two channel amplifier 70v Line Output	Input Connectors:	Terminal Strip Block Balanced Transformer Coupled (optional)
Gain:	28dB	Output Connec. Control & Indicators:	Binding post or Terminal strip (Front panel) AC mains power switch, power on LED, signal/ clip indicators (Rear panel) ground lift strap . Channel Level Control
Power Output Per Channel:	300 watts into 15 Ohm	Turn-On Delay:	3 sec., solid-state actuated
Frequency Response:	Plus/minus 1dB 30Hz to 15kHz	Power Requirements:	100/240VAC 50/60Hz@ 800w Max
Distortion:	No more than 0.25% THD or IM, 0.01 to rated output, 30Hz to 15kHz (typically 0.01%)	DC Protection:	DC sensor activates Channel shutdown if DC condition exists,
Hum & Noise:	101 dB below rated output	Cooling:	Rear Convection Heatsink
Input Sensitivity:	1.0v RMS for rated output (selectable).775v,1.0v,1.5v	Weight:	48 lbs. (21.8 kg)
Crosstalk:	-86dB		

REAR PANEL



APPEARANCE



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