

Stanton Model 310 Professional Phono Preamplifier/Equalizer



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Stanton Magnetics introduces its latest Model 310 Stereo Phono Preamplifier, designed to correctly interface all Stanton and selected magnetic phonograph cartridges for optimum playback of disc records and calibration of audio systems. The Stanton 310 Preamp features universal mounting by special brackets, instant selection of flat or NAB

postemphasis curves, switchable effective rumble filter, individual adjustment of gains and high frequency responses, trimming of the capacitive cartridge loading at the input, provision for setting the power transformer for either 117 or 230V operation at 50 or 60 Hz and immunity to external magnetic AC fields.

Performance Specifications 310 Preamplifier

OUTPUT:	+20 dBm Maximum
FREQUENCY RESPONSE:	± 0.5 dB from 20 Hz—20 kHz in FLAT or NAB positions of Mode Selector
DISTORTION:	THD < .05% @ 20 dBm
OUTPUT SOURCE IMPEDANCE:	5 Ohms, Designed for loads 150 Ohms or higher
GAIN:	Adjustable 30-60 dB
RUMBLE FILTER:	3 dB Knee @ 28 Hz; -35 dB @ 5 Hz
MAXIMUM INPUT LEVEL @ 1 KHz:	120 mV
NOISE (input terminated in cartridge):	-70 dB Below 10 mV input @ 1 kHz NAB Curve, 44 dB Voltage gain -74 dB or lower with Rumble Filter in
INPUT RESISTANCE:	47K Ohms
INPUT CAPACITANCE:	15 pF, Switchable in 50 pF steps to 350 pF Maximum
CHANNEL SEPARATION:	60 dB Minimum (20 Hz—15 kHz)
INPUT CONNECTORS:	RCA Phono Jacks
OUTPUT CONNECTOR:	5 Terminal Barrier Strip
POWER REQUIREMENTS:	Can be set for 100-125 VAC, or 200-240 VAC, 50-60 Hz, 5 Watts Maximum
INDICATORS:	LED Pilot Light
UNIT DIMENSIONS:	2¼" x 5" x 7¼" (57 mm x 127 mm x 184 mm).

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24000 / 19202*



For further information contact: Stanton Magnetics Inc., Terminal Drive, Plainview, New York 11803