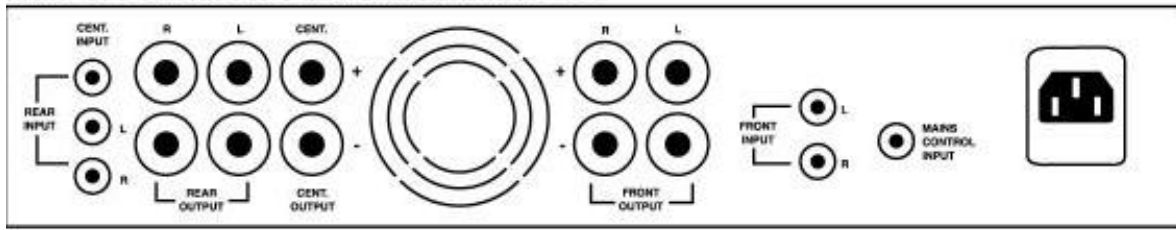
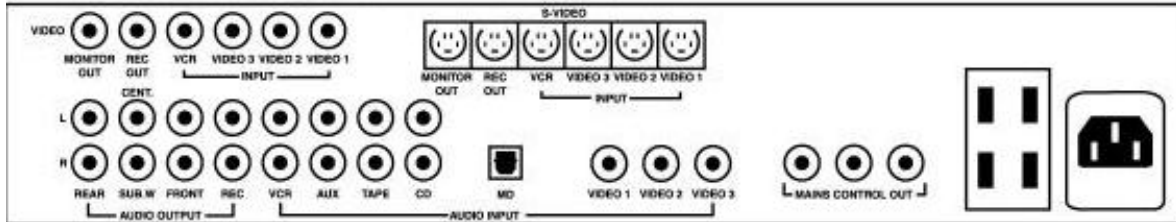


AS-2631 DOLBY DIGITAL + DTS PRE-AMP & AA-2580 POWER AMPLIFIER

PROTON 5 CHANNEL POWER AMPLIFIER AA-2580



PROTON DIGITAL SURROUND A/V PREAMPLIFIER AS-2631



AS-2631 Specifications

2000 CES Award Winner

Audio Input Level / Impedance

LD, CD, Video and VCR	200 mV / 47 K Ohm
By-Pass	200 mV / 47 K Ohm
Center, Subwoofer and Rear	200 mV / 47 K Ohm
Coaxial 1 and Coaxial 2	0.5 Vp-p / 75 Ohm
Optical	Toslink

Audio Output Level / Impedance

Front, Center, Rear, Subwoofer	1 V _{rms} / 1 K Ohm
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Video Input Level / Impedance

LD, CD, VIDEO, VCR and By-Pass	1 Vp-p / 75 Ohms
(S-VHS jack Y)	1 Vp-p / 75 Ohms
(S-VHS jack C)	0.3 Vp-p / 75 Ohms

Video Output Level / Impedance

Record and Monitor	1 Vp-p / 75 Ohms
(S-VHS jack Y)	1 Vp-p / 75 Ohms
(S-VHS jack C)	0.3 Vp-p / 75 Ohms

Audio Frequency Response 20 Hz - 20 kHz

Analog Inputs	+0, -3 dB
Digital Inputs	+0, -3 dB

Total Harmonic Distortion (1 kHz)

Analog Inputs	0.02%
Digital Inputs	0.01%

Signal to Noise Ratio

Analog Inputs	90 dB
Digital Inputs	90 dB

Power Consumption

115V 60 Hz	60 W
230V 50 Hz	60 W

Dimensions

W x H x D (inch)	16 1/2 x 3 x 14
W x H x D (mm)	420 x 75 x 356

Weight

Net	4.2 Kg / 9.31 lb
Gross	5.8 kg / 12.8 lbs

AA-2580 Specifications

Rated Power Output (20Hz-20kHz @ All 5 Channels Driven)

4 Ohm at rated THD	120 watts per channel
6 Ohm at rated THD	80 watts per channel
THD at Rated Power	0.05%
IMD at Rated Power	0.02%
Damping Factor	> 150
Frequency Response 20Hz-20kHz	< + 0.5 dB

Signal to Noise Ratio (A-Weighted)

Input Sensitivity 1 V _{rms}	100 dB
Channel Separation (10 kHz)	60 dB

Power Consumption

115V 60Hz	700 watts
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Dimensions

W x H x D (inch)	16 1/2 x 3 x 14
W x H x D (mm)	420 x 75 x 356

Weight

Net	9.5 Kg / 21 lb
Gross	11 kg / 25 lbs

Due to continuing product improvements, the specifications stated are subject to change without notice.

PROTON

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