

Ovation SCA-1 Specifications

	General Description	Dual mono construction, fully balanced solid state stereo pre-amplifier with optically isolated digital control, LCD graphics display and rotary encoder based user interface; IR remote control
1	Input format	Fully balanced; Operation in single ended mode via RCA connectors
2	Inputs	5 off - Phono (via separate Phono Equalizer board), Recorder, Aux1, Aux2 and CD; XLR balanced or RCA phono unbalanced inputs (Phono input is single ended only)
3	Record Loop	1x buffered record loop; 600 Ohm drive capability
4	Input Sensitivity	150mV, except for CD which is 2V
5	Input Selection	via Panasonic AGN small signal relays
6	Input Impedance	10K//100pF (differential); 10k//100pF single ended
7	Volume Control Element	PGA2320 Volume control configured in balanced mode
8	Gain	+16dB ref 150mV input for 1V out
9	Output	1VRMS nominal into 600 Ohms; fully balanced XLR or single ended via RCA phono socket
10	Output Drive capability	20VRMS into 200 Ohms max
	Frequency Response	DC - 20KHz +-0.1dB
11		DC -200KHz-3dB
	Distortion	<10ppm 20Hz-20KHz at 10VRMS balanced output
12		<5ppm 20Hz to 20KHz at 1VRMS
	Signal to Noise	120dB ref 1VRMS balanced; 140dB ref 10VRMS balanced (Aux inputs)
13	Chanel Separation	Better than 100dB DC to 20KHz
14	Headphone Amplifer	3VRMS into 32 Ohms at <10ppm distortion; DC to 20KHz +-0.3dB
15	System I/O	2 x Trigger output, 1 x Aux output control contact set
16		1 x USB port
17	Front Panel Controls	Volume control Encoder, Input Select Encoder, Graphics display, Headphone output, Remote control IR sensor, standby/power indicator
18	Power Consumption	70W maximum, 25W nominal
19	Weight	15Kgs
20	Dimensions	480mm wide x 400mm deep x 170mm high