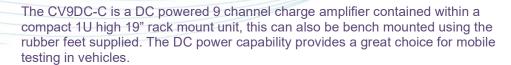


CV9DC-C

9 Channel Charge Amplifier - DC Powered



Using front panel mounted BNC inputs and outputs it provides an easy set up solution, with individual gain selection via a three pole switch, which offers the user the option of x1, x10 or X100 gain individually selectable for each channel, making is extremely flexible when used with mixed accelerometer outputs.

With a low noise floor the CV9DC-C is a great all round low cost per channel solution

Front Connections	
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Rear Connections	HAL MAL MER MER AND BUT AND ADDRESS OF
Rear Connections	

Gain	Bandwidth
x 1	500kHz
x 10	500kHz

x 100 100kHz

Features

- Short Circuit/open circuit warning Indicator.
- Switchable Gain of x1, x10 and x100 for Charge inputs, individual channel selectable.
- Front panel BNC input/output connectors.
- 19" Rack Mountable Enclosure

Specification	Metric	Imperial			
Performance					
Indicators	Short circuit/open circ	cuit Warning LED			
Input Gain per channel	x1, x10 ar	x1, x10 and x100			
Channels	9	9			
Max Output per channel	±10VAC				
Connections					
Inputs	9 x BNC jacks				
Outputs	9 x BNC jacks				
Environmental					
Operating Temp.	0 to +45°C	32 to 113°F			
	Power				
Input Connector	3 pole XLR C	3 pole XLR Connector			
Input	9-30	/DC			
Status	LED Power Indicator on Front Panel				
Max Power Rating 5W					
Physical					
Weight	2.75kg	6.06lbs			
Size	H 44.5mm, W 482.6mm, D 348mm	H 1.75in, W 19in D 13.7in			

Electrical Performance		
Broadband Electrical Noise (1 to 10,000Hz) (Gain x1)	11.2 μV rms	
Spectral Noise (1 Hz)	1.34 μV/√Hz	
Spectral Noise (10 Hz)	0.20 μV/√Hz	
Spectral Noise (100 Hz)	0.12 μV/√Hz	
Spectral Noise (1 kHz)	0.12 μV/√Hz	
Spectral Noise (10 kHz)	0.10 μV/√Hz	
Broadband Electrical Noise (1 to 10,000Hz) (Gain x10)	21 μV rms	
Spectral Noise (1 Hz)	5.10 μV/√Hz	
Spectral Noise (10 Hz)	0.60 μV/√Hz	
Spectral Noise (100 Hz)	0.22 μV/√Hz	
Spectral Noise (1 kHz)	0.22 μV/√Hz	
Spectral Noise (10 kHz)	0.19 μV/√Hz	
Broadband Electrical Noise (1 to 10,000Hz) (Gain x100)	165 μV rms	
Spectral Noise (1 Hz)	57 μV/√Hz	
Spectral Noise (10 Hz)	5.20 μV/√Hz	
Spectral Noise (100 Hz)	1.70 µV/√Hz	
Spectral Noise (1 kHz)	1.80 µV/√Hz	
Spectral Noise (10 kHz)	1.40 µV/√Hz	

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