

CV3-CV

3 Channel Charge/IEPE Amplifier

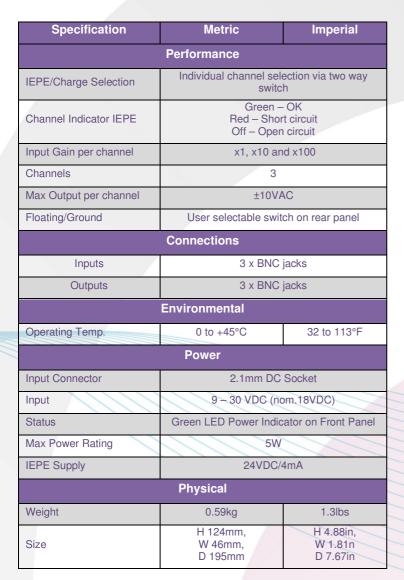
The CV3-CV is a 3-channel Charge and IEPE amplifier contained within a compact bench mount and portable DC powered unit.

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.

The CV3-CV offers the ultimate in flexibility and allows a mix of IEPE and Charge accelerometers to be used at the same time due to individual channel selection for suitable signal conditioning and amplification.

Both Charge and IEPE circuits offer low noise for high accuracy measurement even at low signal level.

The unit is supplied with a DC power adaptor with multi region plug.



	100		
		CV3	-CV
	Por	wer 😂	iepe
	10 (6	100	harge
		Algo	
			000
10000	10 (
666			
1000			
		500	THE REAL PROPERTY.
		1	
	-3		

Gain	Bandwidth
x 1	500kHz
x 10	500kHz
x 100	100kHz

Features

- IEPE/Charge Individual channel selection
- OK/Short Circuit/open circuit warning Indicator.
- Gain of x1, x10 and x100 individual channel selectable.
- Front panel BNC input/output connectors.
- DC powered
- Portable and Lab use

Electrical Noise – IEPE Mode			
Broadband Electrical Noise (1 to 10,000Hz) (Gain x1)	50.2 μVrms		
Broadband Electrical Noise (1 to 10,000Hz) (Gain x10)	81.4 μVrms		
Broadband Electrical Noise (1 to 10,000Hz) (Gain x100)	512 μVrms		
Electrical Noise – Charge Mode			
Broadband Electrical Noise (1 to 10,000Hz) (Gain x1)	49.1 μVrms		
Broadband Electrical Noise (1 to 10,000Hz) (Gain x10)	58.2 μVrms		
Broadband Electrical Noise (1 to 10,000Hz) (Gain x100)	287 μVrms		

DJB Instruments (UK) Ltd Finchley Avenue,

Mildenhall, Suffolk IP28 7BG

Tel Email Web +44 (0)1638 712 288 sales@djbinstruments.com www.djbinstruments.com



