

- Compact & Lightweight chassis
- Charge amplifier via BNC Input/Output connectors
- Individual channel gain selection x1, x10, x100
- Power on indication
- ± 10 VAC output
- DC powered; Universal mains adaptor supplied
- Earth/Floating switch



The 3X-C is a 3-channel charge amplifier/signal conditioning unit, housed in a compact and rugged chassis. Featuring DC power input, it can be used via the supplied mains DC adaptor or via a field-based DC supply such as battery.

Each channel has independent gain control x1, x10, x100 and inputs and output connections are via front panel BNC connectors, making connection quick and simple.

Gain setting	Input	Output
X1	1pC	1mV
X10	1pC	10mV
X100	1pC	100mV

Specification		
Channels	3	
Power Input	9 – 30 Volts DC, 5 Watt. (nominal 18VDC)	
Power connection	2.1mm DC Socket	
Signal Connections	BNC Jacks - Input and Outputs on front panel	
Indicators - Power	External LED indicator shows correct power to unit	
Floating or Ground	Selectable via rear panel switch	
Signal level output	± 10 VAC pk-pk	
Dimensions	Height - 123mm, Width 45mm, Depth 196mm	
Weight	570grams	
Operating Temp.	0 to 45 °C, non-condensing.	
Broadband Electrical Noise	(1 to 10,000Hz) (Gain x1)	48.1 μ Vrms
	(1 to 10,000Hz) (Gain x10)	52.7 μ Vrms
	(1 to 10,000Hz) (Gain x100)	272 μ Vrms
Bandwidth	Gain x1	500kHz
Bandwidth	Gain x10	500kHz
Bandwidth	Gain x100	100kHz

Due to continued product development Kemo Limited reserve the right to change specification without notice.

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