

- Compact & Lightweight chassis
- Charge amplifier via BNC Input/Output connectors
- Individual channel gain selection x1, x10, x100
- Power on indication
- $\pm 10$ VAC output
- DC powered, AC Mains adaptor supplied
- Earth/Floating switch



The 9X-C is a 9 channel charge amplifier/signal conditioning unit, housed in a compact and rugged 1U high 19" rack mount 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		
<b>Channels</b>	9	
<b>Power Input</b>	9 – 30 Volts DC, 5 Watt. (nominal 18VDC)	
<b>Power connection</b>	2.1mm DC Socket	
<b>Signal Connections</b>	BNC Jacks - Input and Outputs on front panel	
<b>Indicators - Power</b>	External LED indicator shows correct power to unit	
<b>Earth</b>	4mm Earth connection on rear panel	
<b>Signal level output</b>	+/- 10 VAC pk-pk	
<b>Dimensions</b>	390 x 482 x 44 mm	
<b>Weight</b>	3.8kg	
<b>Operating Temp.</b>	0 to 45 °C, non-condensing.	
<b>Broadband Electrical Noise</b>	(1 to 10,000Hz) (Gain x1)	48.1 $\mu$ Vrms
	(1 to 10,000Hz) (Gain x10)	72.7 $\mu$ Vrms
	(1 to 10,000Hz) (Gain x100)	272 $\mu$ Vrms
<b>Bandwidth</b>	Gain x1	500kHz
<b>Bandwidth</b>	Gain x10	500kHz
<b>Bandwidth</b>	Gain x100	100kHz

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

### Kemo Limited

First Floor, 33 King Street, Thetford, Norfolk, IP24 2AW, United Kingdom

+44 (0)1474 705168

[www.kemo.com](http://www.kemo.com) [sales@kemo.com](mailto:sales@kemo.com)