



Enigma Matrix XY Remote Controller

This XY Controller can be used to control the routing on a Enigma matrix. It allows simple and configurable control from a remote location and is designed to make control of the Enigma matrix as simple as possible. The unit is 2U high and benefits from dual redundant power supplies for reliability in service. If power to the XY controller is lost, the configuration is retained.

Typical applications:

- Remote control from an MCR
- Multiple simultaneous users if several XY controllers used
- Bulk update of satellite signal routing changes



Programmable Local control

via programmable button which can be used:

- From the 'direct source and destination level' these can be configured for single button selection of the twelve most common routes.
- In the 'group function' they can be configured for up to twelve source and twelve destination groups.
- In 'salvo mode' can be configured for up to twelve independent salvos.



Local control

via keypad for navigating the menus and direct entry of source / destination number in the same route selection menu



Local control & monitoring via rotary/push controls and LCDs which show all sources and destinations



Resilience

from dual redundant power supplies

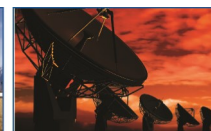
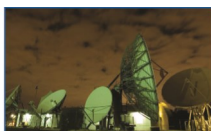
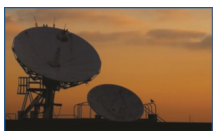


Remote control & monitoring via RJ45 Ethernet port with web browser interface



Compact

housed in a 2U high chassis





Technical specifications and operating parameters

System Control	
Local Control	Via front panel push buttons, rotary/push controls and LCDs
Remote Control	Via RJ45 Ethernet Port. 10/100Base T. TCP/IP, HTTP, including web browser interface

Environmental	
Operating temperature	0 to 40°C
Location	Indoor use only
Storage temperature	-20°C to +75°C
Humidity	85% non-condensing

Physical	
Dimensions	2U high x 120mm deep x 19" wide
Weight	3 kg
Colour	White 00-E-55 semi-gloss (Front panel)

Power	
AC Power	85-264V AC (47/63Hz), Fused 2 x 2A per input via IEC inlets
PSU	Dual Redundant
Hot-swap PSU	None
Rated Load	Maximum demand 16W (each inlet)

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.