



Model Number: VCNXY-01

RF Engineering
and Custom Build

Vulcan XY Remote Controller



Front View of Model VCNXY-01

This XY Controller can be used to control the routing on a Vulcan matrix. It allows simple and configurable control from a remote location and is designed to make control of the Vulcan 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.

Each destination and source available on the Vulcan matrix can be enabled or disabled for use by the XY controller via a web browser interface. This feature would typically be used to only enable the destinations and sources that the operator of the XY controller was directly concerned with, thereby helping to prevent accidental routing changes.

In terms of its operation the front of the VCNXY panel is separated into three areas. In the centre are twelve programmable buttons which can be used in the following way:

- 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.

The right side of the front panel has a keypad for navigating the menus and direct entry of source / destination number in the same route selection menu.

On the left side of the front panel, the controller can be driven by the two rotary/push controls and LCDs, which show all sources and destinations.



Rear View of Model VCNXY-01





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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)
Key Features	
To provide simple control of the Vulcan matrix	
Local and Remote control	
Dual redundant power supplies	

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