

# MODULAR CONTROL PANELS

## Customizable Modular Control Panels

Three powerful remote control panels are available for Network Series Modular 64x64 and 128x128 routers. These panels allow a high level of customization of the interface. Stacks of three different control panels can be created to provide a high level of freedom in the design of the control interface.

Each control panel features 16 GPI inputs and 16 GPI outputs, and this allows third party equipment to be controlled directly from the panels. This also allows alarming, tally lights, and similar functions. The GPI inputs can be used to interface to external push buttons or contact closures to allow router control from another device.



Programmable Control Panel with 44 buttons incl. GPI



Programmable Control Panel with 16 LCD buttons, incl. GPI



Master Display Panel with 64 buttons and large display

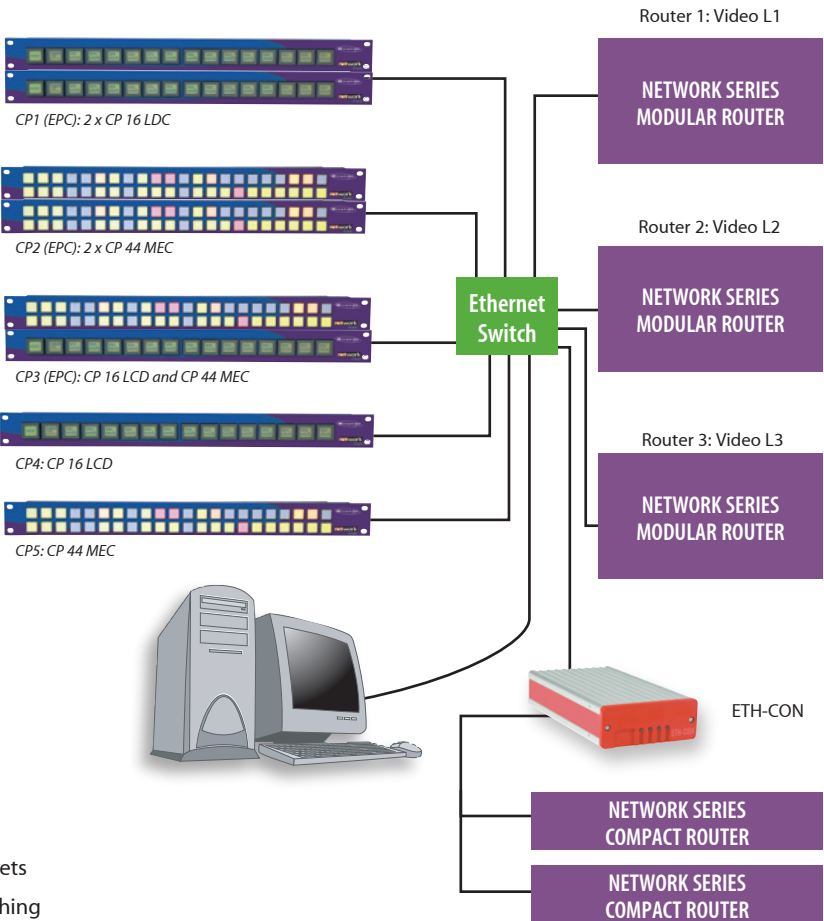
### Modular Control Panel Features

Each key can be configured to a wide range of different functions: Multi-Level, Multi-Source, and Multi-Destination. Features include:

- X-Select, Y-Select
- Lock, Protect, Access restrictions
- Function-keys like Level Select, Take, Panel Enable
- Salvos/pre-sets
- Group switching
- GPI/GPO control

### Unparalleled Control

The Modular Control Panels feature full TCP/IP connectivity between routers and control panels, allowing the use of standard Ethernet LAN.



## ETH-CON

### Customizable Ethernet gateway

The ETH-CON Ethernet Gateway and Protocol converter enables operators to easily control Network Series Modular routers and Compact routers using Modular control panels over a standard TCP/IP network.

This highly scalable system is capable of supporting the largest routing systems using a LAN infrastructure. To ease integration with existing control systems, the ETH-CON can also perform third party protocol conversion.

### Features and benefits

- TCP/IP over 100Base-TX fast Ethernet on RJ45
- Two serial ports supporting RS-232 and RS-422 on DB9
- Supports an unlimited number of Network Series Modular control panels with Ethernet and TCP/IP
- Controls Network Series compact range of routers and panels
- Provides Third Party protocol interfaces (Pro-Bel, Thomson Triton, etc)

