



Control Systems

Multibus XY Programmable Control Panel



PESA's MultiBus XY (MBXY) remote control panel for PESA routing installations is a member of the "Smart" panel family featuring 32 multi-color LCD pushbutton switches, a status monitor display screen and full Ethernet network connectivity to a PERC3000 System Controller.

Each MBXY panel provides direct access with status and control of up to eight destinations at a time and supports source preset, direct (hot) take, AFV or break-away switching on all 17 switching levels supported by the PERC3000 controller. In addition, the MBXY panel supports lock/protect functions for all eight destinations and may be used to "fire" system salvo switching functions.

Key labels on the pushbuttons are dynamically changed when sources, destinations or control page configurations are changed, and each pushbutton is dynamically color-keyed to identify its assigned function, by type, on the currently selected page.

In addition to the pushbuttons, a two line display screen provides real-time status readout and other panel display functions.

Multibus XY panels communicate with the PERC3000 System Controller over an Ethernet network using standard Cat5 cable and RJ45 connectors, either through a closed-loop Ethernet configuration or with full integration into the facility network. Each panel provides an internal 2-port Ethernet switch that allows network cables to be daisy-chained to other panels.

FEATURES

- 1RU
- 32 programmable push buttons
- LCD display
- Simultaneous control of up to eight router destinations
- Source preset switching (default switching mode)
- Hot take switching on any controlled destination
- System salvo "fire" capability
- All-level, audio-follow-video (AFV) switching
- Breakaway switching on up to 17 switching levels allowing video only, audio only and complex multi-level breakaways
- Destination protect and lock features

SPECIFICATIONS

GENERAL

Mounting - 1RU

Push-buttons - 32 Multi-color illuminated with programmable text and graphics

NETWORK

Communications Port - Ethernet

POWER

Voltage Requirements - +12VDC
(Power Supply Included for 90-240VAC Input)

MECHANICAL

Physical Dimensions - 19"W X 3"D X 1.75"H

ENVIRONMENTAL

Temperature - 0°C to 40°C

Humidity - 20% to 90% (Non-Condensing)