

Magellan™

Router Control Panels

The Harris® Magellan™ family of router control panels (RCPs) provides a fast, powerful and simple way to control your Harris or third-party routing systems. Available as a series of 10 programmable hardware panels in 1 or 2RU versions, Magellan RCPs offer intuitive, web-based configuration — enabling the industry's fastest setup for both local and remote operations.

These feature-rich, cost-effective and highly customizable panels — ranging from simple, button-per-source, single-bus panels to multilevel, multibus, relegendable LCD-button panels — are sure to meet both your budget and routing operational requirements. Designed with an understanding of the physical layout of a typical facility or OB truck, these compact RCPs — less than 2 inches deep — integrate easily into console-mount or any other space-constrained environment, enabling you to rapidly optimize the navigation and control of your routers.

PRODUCT DETAILS

Magellan RCP LCD+OLED Display

- Available in 1 and 2RU versions
- Completely programmable and relegendable LCD buttons standard
- Template-driven to facilitate easy panel layout changes
- Generation of automatic updates for source, destination, and salvo additions, deletions and name changes
- Ability to create local salvos and aliases
- Provides unicode support
- Configurable to operate in Cat/Idx mode or enhanced button-per-source

Magellan RCP Pushbutton+OLED Display

- Available in 1 and 2RU versions
- Completely programmable rubber pushbuttons standard
- Template-driven to facilitate easy panel layout changes
- Capable of fast and intuitive operation
- Follow/breakaway support
- Ability to view and switch all levels of the router
- Configurable to operate in Cat/Idx mode, multibus or single-bus mode

FEATURES

- Supports button-per-source (BPS), multibus, XY and enhanced grouping modes
- Ability to reconfigure and reassign buttons and alias names both on panel front and at configuration GUI
- Compact and less than 2 inches (51 mm) deep, ideal for console-mount applications
- Supports Ethernet and coaxial connections
 - Ethernet supports both LRC (recommended) and XY protocols
 - Coaxial supports XY only (use these systems without a Platinum™ router or for legacy routers)
- Common control sections
- Web-based configuration for easy and fast setup
- Unicode support
- Template-based to facilitate quick configuration changes either at the panel or through the web
- Automatic update of routing tables — no need for downloads
- Parametric control of all Platinum modules for seamless router integration

Magellan RCP LCD Only

- Available in 1 and 2RU versions
- Completely programmable and relegendable LCD buttons standard
- Ability to create local salvos and local aliases
- Generation of automatic updates for source, destination, and salvo additions, deletions and name changes
- Ability to switch router via status name, long name and aliases
- Unicode support
- Configurable to operate in Cat/Idx mode or enhanced button-per-source

Magellan RCP Pushbutton Only

- Available in 1 and 2RU versions
- Completely programmable rubber push buttons standard
- Fast and intuitive operation
- Follow/breakaway support
- Button-per-source configuration with ability to page to more sources and destinations
- Support for button-per-source, single-bus and multibus applications

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IMAGES/DIAGRAMS

RCP-24LCD-OLED



RCP-48LCD-OLED



RCP-32PB-OLED



RCP-64PB-OLED



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Router Control Panels

ROUTING SYSTEMS // HARDWARE CONTROL PANELS

RCP-16LCD



RCP-32LCD



RCP-64LCD



RCP-16PB



RCP-48PB



RCP-96PB



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Router Control Panels

SPECIFICATIONS

Specifications are subject to change without notice.

RCP-24LCD-OLED

Number of Buttons 24 LCD plus 8 programmable function keys
 Operation Modes Button-per-source, XY, grouping, single-bus, multibus, breakaway
 Communications Ports Ethernet and loop-through coaxial
 Protocols Supported LRC (Ethernet only), XY (coaxial and Ethernet)
 Dimensions (W x H x D) 19 x 1.75 x 1.75 in. (48.3 x 4.4 x 4.4 cm)

RCP-48LCD-OLED

Number of Buttons 48 LCD plus 16 programmable function keys and 2 control knobs
 Operation Modes Button-per-source, XY, grouping, single-bus, multibus, breakaway
 Communications Ports Ethernet and loop-through coaxial
 Protocols Supported LRC (Ethernet only), XY (coaxial and Ethernet)
 Dimensions (W x H x D) 19 x 3.5 x 1.75 in. (48.3 x 8.9 x 4.4 cm)

RCP-32PB-OLED

Number of Buttons 32 push buttons plus 8 programmable function keys
 Operation Modes Button-per-source, XY, multibus, single-bus, breakaway
 Communications Ports Ethernet and loop-through coaxial
 Protocols Supported LRC (Ethernet only), XY (coaxial and Ethernet)
 Dimensions (W x H x D) 19 x 1.75 x 1.75 in. (48.3 x 4.4 x 4.4 cm)

RCP-64PB-OLED

Number of Buttons 64 push buttons plus 16 programmable function keys and 2 control knobs
 Operation Modes Button-per-source, XY, multibus, breakaway
 Communications Ports Ethernet and loop-through coaxial
 Protocols Supported LRC (Ethernet only), XY (coaxial and Ethernet)
 Dimensions (W x H x D) 19 x 3.5 x 1.75 in. (48.3 x 8.9 x 4.4 cm)

RCP-16LCD

Number of Buttons 16 LCD plus 8 programmable function keys
 Operation Modes Button-per-source, XY, grouping, single-bus, multibus, breakaway
 Communications Ports Ethernet and loop-through coaxial
 Protocols Supported LRC (Ethernet only), XY (coaxial and Ethernet)
 Dimensions (W x H x D) 19 x 1.75 x 1.75 in. (48.3 x 4.4 x 4.4 cm)

RCP-32LCD

Number of Buttons 32 LCD plus 8 programmable function keys
 Operation Modes Button-per-source, XY, grouping, single-bus, multibus, breakaway
 Communications Ports Ethernet and loop-through coaxial
 Protocols Supported LRC (Ethernet only), XY (coaxial and Ethernet)
 Dimensions (W x H x D) 19 x 1.75 x 1.75 in. (48.3 x 4.4 x 4.4 cm)

RCP-64LCD

Number of Buttons 64 LCD plus 16 programmable function keys
 Operation Modes Button-per-source, XY, grouping, single-bus, multibus, breakaway
 Communications Ports Ethernet and loop-through coaxial
 Protocols Supported LRC (Ethernet only), XY (coaxial and Ethernet)
 Dimensions (W x H x D) 19 x 3.5 x 1.75 in. (48.3 x 8.9 x 4.4 cm)

RCP-16PB

Number of Buttons 16 push buttons plus 8 programmable function keys
 Operation Modes Button-per-source, single-bus, multibus, breakaway
 Communications Ports Ethernet and loop-through coaxial
 Protocols Supported LRC (Ethernet only), XY (coaxial and Ethernet)
 Dimensions (W x H x D) 19 x 1.75 x 1.75 in. (48.3 x 4.4 x 4.4 cm)

RCP-48PB

Number of Buttons 48 push buttons plus 8 programmable function keys
 Operation Modes Button-per-source, single-bus, multibus, breakaway
 Communications Ports Ethernet and loop-through coaxial
 Protocols Supported LRC (Ethernet only), XY (coaxial and Ethernet)
 Dimensions (W x H x D) 19 x 1.75 x 1.75 in. (48.3 x 4.4 x 4.4 cm)

RCP-96PB

Number of Buttons 96 push buttons plus 8 programmable function keys
 Operation Modes Button-per-source, single-bus, multibus, breakaway
 Communications Ports Ethernet and loop-through coaxial
 Protocols Supported LRC (Ethernet only), XY (coaxial and Ethernet)
 Dimensions (W x H x D) 19 x 3.5 x 1.75 in. (48.3 x 8.9 x 4.4 cm)

ORDERING INFORMATION

RCP-24LCD-OLED 1RU control panel with 24 LCD buttons and OLED display and 8 function keys
 RCP-48LCD-OLED 2RU control panel with 48 LCD buttons and OLED display and 16 function keys
 RCP-32PB-OLED 1RU control panel with 32 push buttons and OLED display
 RCP-64PB-OLED 2RU control panel with 64 push buttons and OLED display and 16 function keys
 RCP-16LCD 1RU control panel with 16 LCD buttons and 8 function keys

RCP-32LCD 1RU control panel with 32 LCD buttons and 8 function keys
 RCP-64LCD 2RU control panel with 72 LCD buttons and 16 function keys
 RCP-16PB 1RU control panel with 16 push buttons and 8 function keys
 RCP-48PB 1RU control panel with 48 push buttons and 8 function keys
 RCP-96PB 2RU control panel with 96 push buttons and 16 function keys