

Magellan Control Panels

Router Control Panels

The Magellan™ family of control panels provides a fast, powerful, and simple way to control your Imagine Communications or third-party routing systems. Available as a series of 10 programmable hardware panels in 1 or 2RU versions, Magellan panels 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.

Benefits

- Web-based configuration – fast and easy setup
- Easy configuration – changes can be done at the panel or on the web
- Automatic updates – no downloads required
- Parametric control of all routing, MV and processing – seamless integration
- Ultra compact – ideal for any space-constrained environment
- Software versions available for each panel

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-in. (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
- Unicode support

Applications

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 aliases
- Provides unicode support
- Configurable to operate in Cat/Idx mode or enhanced button-per-source

Magellan RCP Push-button+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

Magellan RCP LCD Only

- Available in 1 and 2RU versions
- Completely programmable and relegendable LCD buttons standard
- Ability to create 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 Push-button 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

Specifications

Specifications and designs 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-64PB-OLED	
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

RCP-96PB 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 64 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
RCP-PROCMV-OPT	Software license option that enables control of Imagine Communications multiviewers and processing devices on Magellan RCP's (OLED with LCD programmable pushbutton & OLED with pushbutton versions only)

Images/Diagrams



Front panel of the RCP 16LCD hardware



Front panel of the RCP 16PB hardware



Front panel of the RCP 16LCD OLED hardware



Front panel of the RCP 32LCD hardware



Front panel of the RCP 32PB OLED hardware



Front panel of the RCP 48LCD OLED hardware



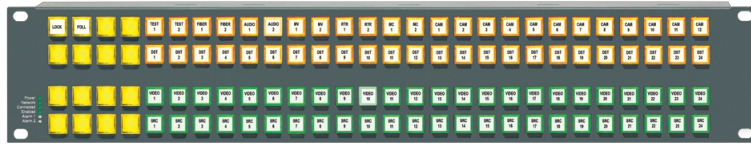
Front panel of the RCP 48PB hardware



Front panel of the RCP 64LCD hardware



Front panel of the RCP 64LCD OLED hardware



Front panel of the RCP 96PB hardware