visual engineering
LIGHTWARE

Remote control panels for Lightware matrix switchers

Part No: 9111 0009 (RCP16), 9111 0010 (RCP32)
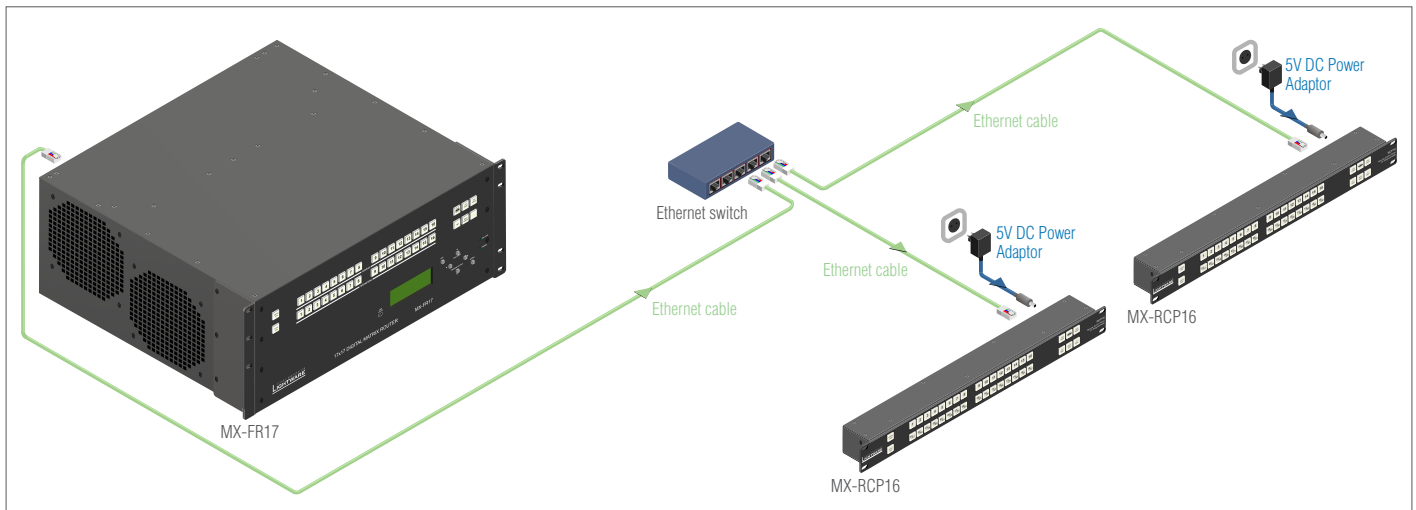
Highlight features

- Remote access to matrix switchers
- 10/100 Ethernet connection
- 16+16 and 32+32 button version

Lightware MX-RCP16 and MX-RCP32 are remote control panels for controlling Lightware matrix routers remotely through LAN connection. The RCPs can be used just like the front panel buttons on matrix routers to make crosspoint changes, or they can be programmed for special functions like salvo mode or universal device control. The salvo mode allows storing a group of commands for each button. This function makes possible to send out multiple commands with a single press of a button.

The universal device control mode transforms the RCP to a simple button array to control any device through a simple protocol. The control panels have illuminated front panel buttons and an Ethernet LAN port for configuration and connecting to the controlled device.

Stand alone diagram

MX-FR17

Ethernet switch

Ethernet cable

5V DC Power Adaptor

MX-RCP16

5V DC Power Adaptor
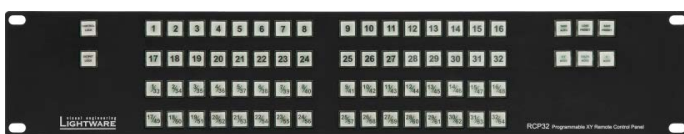
MX-RCP16

Front and rear view

MX-RCP16 front view

MX-RCP16 rear view

MX-RCP32 front view

MX-RCP32 rear view

The remote control panels can communicate with different protocols, and they have several operational modes. Thecommunication protocol can be set with a DIP switch on the rear of the unit. Using different protocols depends on the application and the device that has to be controlled.

In X-Y mode the remote control panel functions just as if it would be the front side control panel of a matrix. Each button is dedicated to an input or an output of the matrix router that the RCP is connected to.
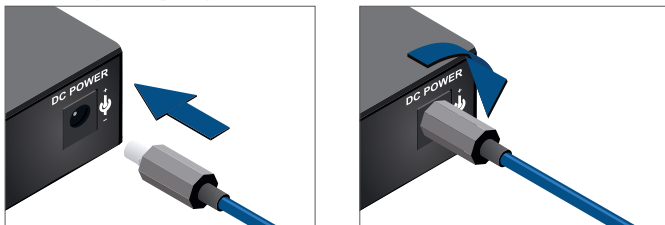
The salvo mode makes possible to execute a sequence of commands with a single button. In this mode the buttons are not dedicated to I/O ports, but each button can have its own command sequence that is executed if the button is pressed.
The UDC protocol is developed to create a simple button array that can be used as a universal device controller. The commands can be processed by a third party device.

Features

- Remote access to Lightware matrix switchers
- 10/100 Ethernet connection
- Programmable Preset and Salvo functions
- Setup and programming through Ethernet connection
- 16 + 16 and 32 + 32 button version
- XY control possibility
- Metal enclosure
- Rack mountable
- External 5V DC power adaptor

Locking DC plug

Twist 90° clockwise to lock

Supplied accessory

PSU-5VU Universal DC adaptor (Part No: 1180 0049)
Wall power adaptor with interchangeable plug for international use.
Universal input: 100-240 V AC, 50-60 Hz
Output: 5 V DC, 1 A

Specifications

LAN:	Ethernet 10Base-T or 100Base-TX (Auto-sensing)
Ethernet protocol:	TCP/IP, HTTP, TFTP, Telnet
Front panel control:	Yes
Power:	Universal power adaptor, DC 5V 1 A
Power consumption:	2 W (max)
Dimensions (-RCP16):	446 (482) W x 55 D x 44 H mm
Dimensions (-RCP32):	446 (482) W x 55 D x 89 H mm
Weight (-RCP16):	1080 g
Weight (-RCP32):	1720 g
Compliance:	CE
Warranty:	3 years

Connectors

Ethernet:	RJ45
Power:	Locking DC connector (2.5 / 5.5mm)