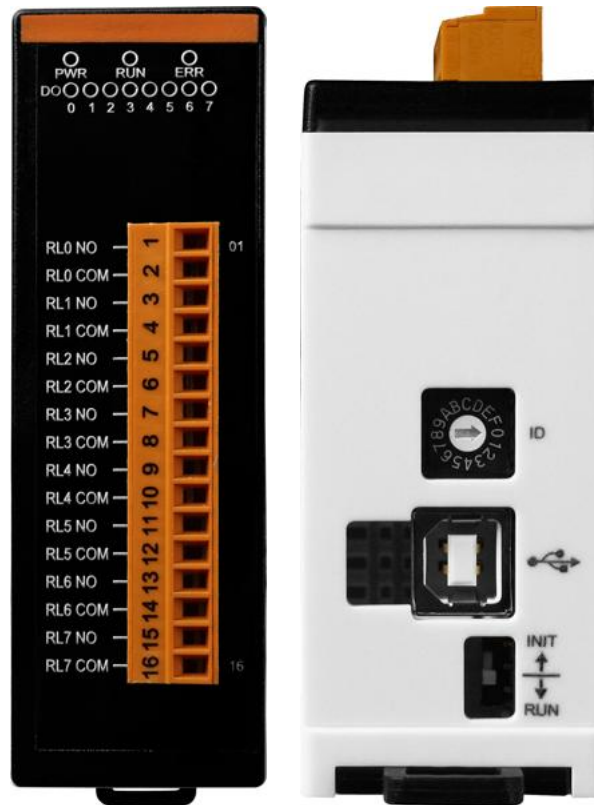


USB Power Relay Module. – Type: YES-USB-RL8

Purpose

YES-USB-RL8 module is to be used when additional relay outputs are required or when the hardware interface does not comply with the Relay outputs on the Lantic Entertainment Centre (MEC, SEC, EC). The YES-USB-RL8 module should only be used with the Lantic software suite version 2.9 or later.



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USB Power Relay Module. – Type: YES-USB-RL8

1 Features

All Entertainment Centers that uses the lift control feature require the additional option - Part No. 2131.

The Relay module is used for local output control from a Lantic Entertainment Centre. The possible configurations are listed below. The Configurations can be configured from the Lantic Configuration Editor tool – typically installed on the HP Proliant Server. When the lift control is enabled in the Configuration Editor the "OutputDeviceType" should be set to "Lantic".

1.1 Four Relay Lift

Lift Show/Hide is automatically activated when the entertainment centre is turned on or brought to sleep from a Lantic remote control. The timeout in seconds where RL0/RL1 is on is set by the Lantic Configuration Editor tool.

Lift Turn is manually activated from a custom menu.

- RL0 Lift Show
- RL1 Lift Hide
- RL2 Lift Turn CCW
- RL3 Lift Turn CW

1.2 Two Relay Lift

Lift Show/Hide is automatically activated when the entertainment centre is turned on or brought to sleep from a Lantic remote control. Or Lift Show/Hide is manually activated from a custom menu. The timeout in seconds where RL0/RL1 is on is set by the Lantic Configuration Editor tool.

- RL0 Lift Show
- RL1 Lift Hide
- RL2 Not used
- RL3 Not used

1.3 One Relay Lift

Lift Show/Hide is automatically activated when the entertainment centre is turned on or brought to sleep from a Lantic remote control. Or Lift Show/Hide is manually activated from a custom menu.

- RL0 Lift show/hide (Show=Relay is permanently on, Hide=Relay is permanently off)
- RL1 Not used
- RL2 Not used
- RL3 Not used

1.4 Monitor on/off Control

Monitor on/off relay is automatically activated when Lift Show is activated or manually controlled from the "Control" menu on the entertainment monitor or iPad/iPod RC20 menu. This feature is always active regardless of configuration.

- RL4 (Could be 230V neutral)
- RL5 (Could be 230V phase)

1.5 Amplifier on/off Control (feature always available)

Amplifier on/off relay is automatically activated when the entertainment centre is turned on or brought to sleep from a Lantic remote control. This feature is always active regardless of configuration.

- RL6 (Could be 230V neutral)
- RL7 (Could be 230V phase)

USB Power Relay Module. – Type: YES-USB-RL8

2 Specifications

Lantic Part No:	2198
Supply:	Via USB connector. (use included USB cable 1m. A-B and connect it to USB 2.0)
Outputs:	8 x Relays. (SPST, N.O)
Output ratings:	5A@250Vac, 5A@30VDC.
Temperature range:	0-40 deg. C.
Dimensions:	33 x 87 x 108 mm (WxHxD).
Mounting:	Din rail.
Weight:	143 g.
LEDs:	LEDs on the front panel indicate relays that currently are on.

3 Interface

USB:	Connect the YES-USB-RL8 to an USB 2.0 port on the Lantic Entertainment Centre.
ID rotary switch:	Do not use – has no functionality.
Init/Run switch:	Should always be set to "RUN".
Relay outputs:	Use included orange screw terminal.

4 Application example

