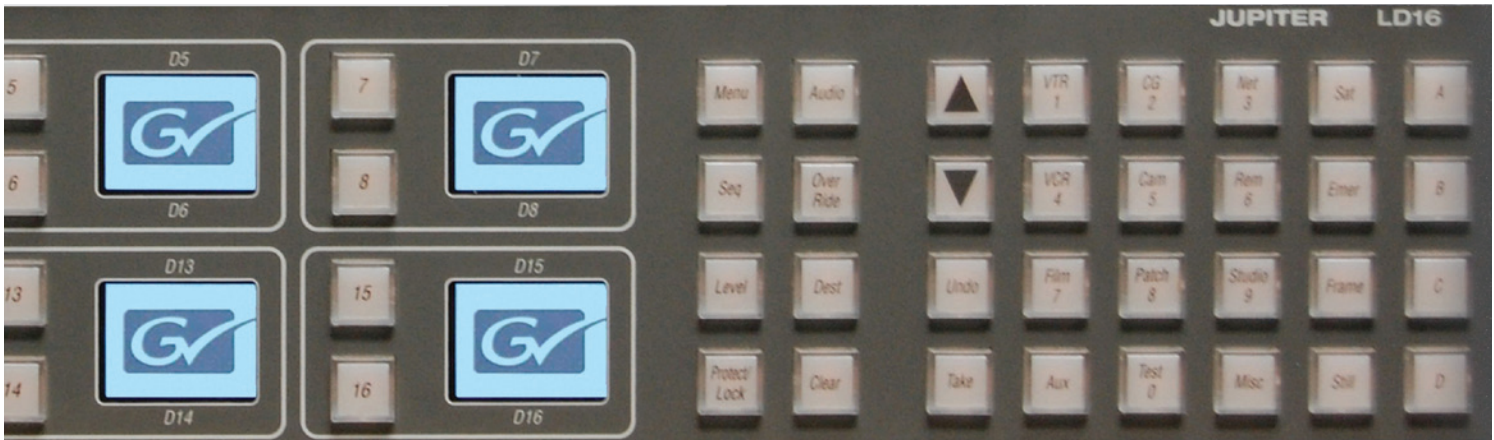


Jupiter Control Panel LD16

Full-function X-Y Panel



Visible status across up to 16 destinations and control of up to 96 levels make the LD16 panel the choice for applications requiring maximum control.

The Jupiter LD16 router control panel from Grass Valley, a Belden Brand, is a status-rich full-function panel supporting 16 simultaneous destinations and control of up to 96 levels.

This panel stands out in two main roles. Firstly, it functions as a multidestination panel allowing quick access and simultaneous status across the 16 displays. Secondly, this panel is highly optimized for controlling breakaways with control over 96 levels and visible status on 16 of them at a time. You can switch back and forth between both roles seamlessly.

Whether you need simultaneous visibility across a large number of destinations or the ultimate in break-away control, the LD16 is your panel.

Straightforward and Logical X-Y Entry for Error-Free Control of Multiple Destinations

The LD16 panel supports X-Y source and destination entry using its numeric category entry keypad-style button layout. This is a familiar layout for operators. Changing destinations is quick and easy by pressing the destinations command button and choosing the desired destination. Category entry simplifies typing while a scroll function using up/down buttons allows you to browse through the available options. Once a destination has been assigned to a display window it can be rapidly accessed again for rerouting. Selecting a source is elegant and efficient by using either the category entry buttons or the sources command button and then choosing the desired destination.

High-Resolution Display with Color Coding for Razor-Sharp Operation

The LD16 panel has color-coded illuminated buttons and three color-coded high-resolution displays. Any source or destination can use up to eight characters which is an ideal balance between giving enough information while being able to quickly scan the display. The display shows the selected destination in yellow and its current source in green and while making a selection it also displays the preset source. The display also carries various status information keeping the user fully informed. If a destination is locked, the source name color will change to red, and if protected, the source name color will change to magenta. The display will even tell you which control panel owns the lock/protect function.

Individual Control of 96 Levels Supports the Most Complex Multiformat Systems

The LD16 panel not only allows you to select or deselect levels for breakaways but it can also show you detailed status on 96 of them. When routing involves a large number of complex breakaways or needs to control a deeper number of levels then, the LD16 is the perfect panel to use.

Jupiter Control Panel LD16 Full-function X-Y Panel

KEY FEATURES

- Multidestination control panel for viewing status of and control of 16 simultaneous destinations at once
- The ultimate in breakaway operation with 96 levels supported for individual control and status viewing
- Color coding for rapid accurate operation:
 - Reduces learning time
 - Reduces operational errors
 - Reduces decision times
 - When panels are reconfigured the button illumination shows the change of role
- Multiple high-resolution displays:
 - 16 display windows
 - Uses the new Jupiter color codes
 - Displays destinations or levels
- Rapid direct control of levels for easy breakaways:
 - Up to 96 levels
 - Visible status on every level including its individual source
- Large buttons for accurate operation when it matters
- Low profile for ease of installation:
 - Easy mounting in a desk
 - Leaves plenty of ventilation space behind the panel in a rack
- Menu mode for local reprogramming:
 - Local configuration and operating modes can be changed from the panel itself
 - Suitable for use in changing environments
 - Removes the need for access to central configuration system

Function-Per-Button for Fast, Expert-Level Comprehensive Control

The LD16 panel has all the power you'll need with 20 categories, a numeric keypad, dedicated sequence buttons, and up/down scrolling. There is even an undo button that can toggle back to the last entry allowing not only a rapid undo but a continuous A-B switch for quality check or content verification purposes.

Ethernet or Serial Connection to Adapt to Your System Demands

This panel connects via either Ethernet or RS-422 serial links without the need to purchase additional options.

Shallow Form Factor

Desk mounting with the LD16 panel could not be simpler. With its shallow 38 mm (1.5 in.) profile it takes up less space, or little more space, than the thickness of the desktop.

AC or DC Operation

This panel can be run from mains AC power or optionally from DC power. This can be useful for systems where space is a premium or where power dissipation must be minimized.

SPECIFICATIONS

Operating Modes:

- BPS – Single Destination: No
- BPS – Multiple Destination: No
- Category Entry: Yes
- X-Y – Select & Take: Yes
- X-Y – Scroll & Take: No

Maximum Number of Sources: System limit

Maximum Number of Destinations: System limit

Total Sources + Destinations: System limit

Breakaways: Up to 96 levels

Sequences: Yes

Overrides: Yes

Lock & Protect: Yes

Undo: Yes

Menu: Yes

Sticky Levels: Yes

Gang Switching: Yes

GPIO Option: Yes

Mounting Size: 19" rack mount 2 RU

Overall Width: 483 mm

Overall Height: 76 mm

Depth (AC version): 108 mm

Depth (DC version): 32 mm

Power Consumption: 12 W

Voltage Range: 100V to 240V

Button Legend Label: 9.6 mm x 9.6 mm

ORDERING

Jupiter Control Panel LD16: Full-Function X-Y Panel

JUP-CP-LD16

Jupiter 20 category control panel. Includes 8 displays and push buttons for sources, destinations, overrides, and levels. Rack or desk mount 2 RU. Serial or Ethernet LAN connections. Requires ordering one AC (JUP-ACPS-2RU) or DC (JUP-DCPS) power supply per control panel. For GPIO option, order one JUP-GPIO-2RU per control panel. For use with JUP-CM-4000/4400 control units with AccuSwitch (AS) JUP-SW-4000 software only.

JUP-ACPS-2RU

Jupiter LAN control panel, back mounted AC power supply. Input voltage 110V to 220V, input frequency 50-60 Hz.

JUP-DCPS

Jupiter LAN control panel, external DC 12V/3.75 mA switching power supply. Input voltage 100V to 240V, input frequency 47-63 Hz.

JUP-GPIO-2RU

Jupiter general purpose input/output option module with 24 inputs and 4 outputs.



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