

# RCP-200 Densité Remote Control Panel

Advanced Remote Control Panel for Densité Cards, Kaleido Multiviewers and NVISION/Third-party Routing Switchers



Space-saving, modular platform for advanced signal processing.

The Grass Valley, a Belden Brand, RCP-200 advanced remote control panel for Densité cards, Kaleido multiviewers and NVISION/third-party routers that provides a highly intuitive graphical interface. It simplifies video/audio signal processing and control in both single and multiuser environments.

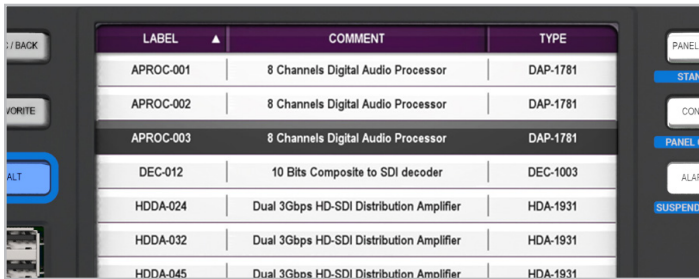
The 3 RU rack-mounted panel features two large touchscreen displays for easy readability and quick adjustments. The left screen is dedicated to device selection and router control while the right screen is reserved for parameter adjustments of the selected device. The high resolution screens and color graphics allow a wide range of information to be displayed simultaneously. Eight rotary controls are assigned to parameters to minimize menu navigation, and provide an ergonomic interface to the user.

The panel can be used alongside the iControl monitoring and control system, with synchronized control between the systems, or as a standalone device for direct control of multiple types of devices including Densité cards, multiviewers or routing switchers

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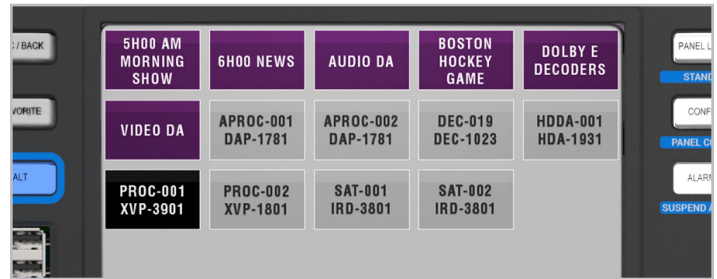
## Using the RCP-200 For Fast Control

The left pane of the control panel provides navigation views to guide the user efficiently through multiple Densité cards, routers or multiviewers. It offers three different ways for accessing a card: the List View, the Group View and the Router View.



### The List View

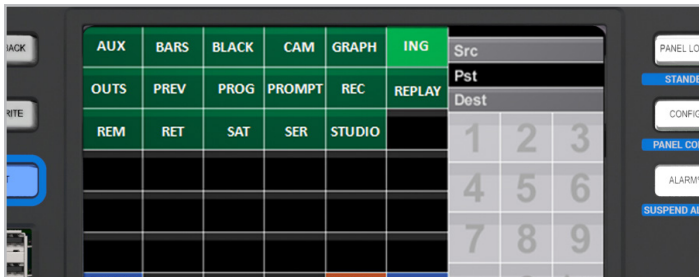
- Cards under control are clearly visible from the list
- Each column can be sorted up or down by touching the title zone
- Filters can be applied recursively to accelerate card selection
- Controllable devices filtering can be enabled to speed up navigation and declutter the navigation screen



### The Groups View

- Containers can be created to help organize equipment pool following user's own logic
- Cards can also be mixed with containers in any Groups view
- Button illumination adapts dynamically according to control options

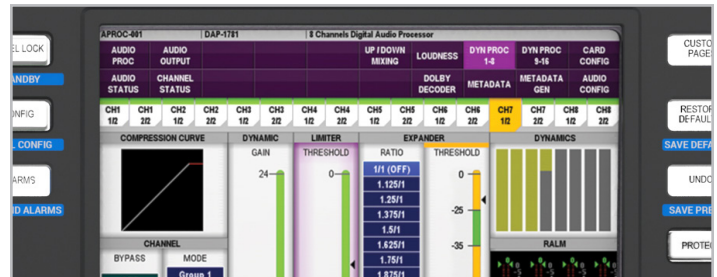
## Advanced Control for Multiple Users



### The Router View

- Prefixes are used in a Router navigation mode to group similar types of equipment or locations within an installation
- Intuitive numeric keypad guides the user through the process of inputting a numeral by highlighting the valid entries as they type

This view can be used to select devices or to control routers. When router control mode is enabled, this view also gives direct access to 4 user defined destination buses through 4 soft keys.



### The Control View

Once a card has been selected using one of the navigator views, the controls for this card are presented on the right LCD screen using the Control View.

- Controls are grouped by categories and pages for quick access to a specific parameter
- Binary selections can be toggled simply by pressing on the associated control knob
- Knobs can be used to select an item from a list of possible choices
- Tabs are used to select pages within a category
- Various monitoring zones are provided to help the user monitor the impact of an adjustment
- Analog type of control with intuitive turn-knob operation and direct entry box
- Vertical sliders with color coding visually informs the user when a parameter is out of the comfort zone. This information can be relayed to upper levels for quick identification and access to these parameters

## The RCP-200 Can Be Used to Control a Variety of Devices For Both Large and Small Installations

**Application 1:** Router and Densité Cards control through iControl application server (large facility)

### Benefits

- More cost-effective for larger installation
- Enables advanced functionalities provided by application server — such as proxy streaming
- Concentrates control of routers and Densité cards onto applications server, therefore limiting network traffic and allowing shared access to common resources
- Permits other types of client applications to access resources — such as iCWeb, iNavigator or Matrix — for alternate workflows

Note: Direct Multiviewer control is available on RCP-200 without requiring RCP-200-OPT-DC option.

### Required Ordering Items

- RCP-200
- IC-BASE-EDITION-V2
- IC-ROUTER-CLIENT

**Application 2:** Direct Densité cards, router and multiviewer control

### Benefits

- Simple installation
- Direct control of multiviewer operations
- Direct control of most Densité cards
- Direct control of several types of routers
- Ideal for limited-space applications, such as production trucks
- Replaces most RCP-2 control panel functionalities

### Required Ordering Items

- RCP-200-DC

# RCP-200 Densité Remote Control Panel

## KEY FEATURES

- Dual, large color touchscreen displays provide rapid and easy control of complex signal processing infrastructures
- Supports most Densité Series cards, Kaleido products and NVISION/ third-party routers
- Four navigation methods are provided: List, Groups, Router and a Customizable view
- Access to parameter categories using touchscreen buttons
- 8 rotary/push controls for easy and precise parameter adjustment with ballistics modeling
- Synchronizes automatically with other RCP-200 panels and the iControl signal monitoring system in multiuser environments
- Lockable controls to prevent accidental parameter changes
- Hierarchical visual notification of out-of-comfort zone values
- Provides direct access via push-buttons to station default settings for easy restore operations
- Entire Panel Lock/Unlock button
- Very quiet operation
- 3 RU rack mount design (rack mount ears included)
- Optional desk mount kit or rack mount bracket (4 RU) that provides 8 possible viewing angles in 6° steps for up to 42°
- Optional redundant power supply for mission critical uses
- Optional direct Densité cards and router control

## SPECIFICATIONS

**Displays (2):** 178 mm (7 in.), 800 X 480 pixels, 262,144 colors

**Button illumination:** RGB LED driven back light

**Connectivity:**

- 4x USB 2.0 ports (2 rears, 2 fronts)
- 1x 10/100 BASE-T Ethernet port
- 1x RS-422 port
- 4x GPI inputs or outputs (programmable)
- Dual 12 VDC input terminals for redundancy

**Power:** 45W

**Weight:** RCP-200: 2.8 kg (6.16 lbs.)

**RCP-200-PSU:** 0.4 kg (0.9 lbs.)

**Rack mount kit:** 1.18 kg (2.6 lbs.)

**Desk mount kit:** 953g (2.1 lbs.)

## ORDERING

<b>RCP-200</b>	Advanced remote control panel
<b>RCP-200-DC</b>	Advanced remote control panel with Direct Densité cards and router control option included
<b>IC-BASE-EDITION-V2</b>	iControl Application Server (version 3.7 and up)
<b>IC-ROUTER-CLIENT</b>	iControl router control software

Notes: RCP-200 ships with one RCP-200-PSU.

<b>Options</b>	<b>Description</b>
RCP-200-RMK	RCP-200 4 RU rack mount kit
RCP-200-PSU	RCP-200 redundant external power supply unit
RCP-200-DMK	RCP-200 desk mount kit
RCP-200-OPT-DC	Direct Densité cards and routers control option

Note: See Applications section for required ordering items based on application.



GVB-1-0174B-EN-DS

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