

CONTROL PANELS



Pushbutton and keypad panels are available for all control systems. The pushbutton panels offer button per crosspoint control and limited X-Y/multi-bus operation while the keypad types provide full X-Y and multi-bus control. Compatibility with Pro-Bel Aurora and Nebula control systems ensures that panels purchased for use with stand alone routing systems such as Halo, Freeway and Sirius, do not have to be discarded as your system grows and can be used in larger multi-matrix systems controlled by the more powerful Aurora controller. LCD pushbutton panels are available for use with Aurora systems, offering automatic re-legending of source and destination buttons.

FEATURES

Keypad Panels

- Multi-bus and X-Y operation
- Large keypad with re-legendable buttons
- Eight character alphanumeric displays

Pushbutton Panels

- Button per crosspoint, multi-bus or X-Y operation
- Backlit buttons and legend strip
- 16, 32, 48, 24 x 12 variants
- Ultra thin profile

LCD Panels

- Compatible with Aurora controllers
- 1RU and 2RU versions
- Button per crosspoint, multi-bus or X-Y operation
- Auto legending pushbuttons
- Ultra thin profile
- Configurable 'Group' buttons

Keypad Panels

This traditional range of multi-bus and X-Y panels, housed in 19 inch x 2RU, offers pushbutton keypads for multi-press selection of source and destination. An additional group of four assignable pushbuttons are provided on each panel type offering access to alternate destination, alternate level, line up and protect functions. Multi-bus control panels, available in 2, 4, 6 or 8 bus versions, are fitted with a 24-button keypad. The X-Y panel has a 32 button keypad for added flexibility.

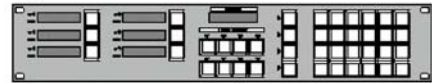
The easy-to-read, eight character alphanumeric displays enhance panel operation by providing preset source/destination and routed status for each controlled output. Indication of system status and warnings (dependent upon controller type) such as destination protect, route inhibits and tie line availability are also displayed, providing valuable feedback while helping to ensure trouble free operation.



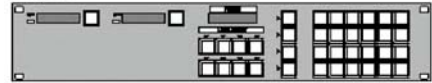
6277-40



6277-80



6277-60



6277-20



6276

LCD Relegendable Panels

This range of panels provides a compact, cost effect solution where space is a premium, or where button legends change frequently. The 1RU panel, fitted with 16 pushbuttons, and the 2RU panel with 48 pushbuttons, provide button per crosspoint (1RU version only), multi-bus and X-Y control solutions. Additional buttons provide access to 'virtual' pages of sources and destinations, and where appropriate operational menus.

Because each button contains a liquid crystal display, button legends change to match the required sources, or destinations, ensuring operators are always aware of the sources and destinations they have control over. Multi-colour illumination of the buttons provides the panel with backlighting, and visual feedback of panel and destination status.

The unique operation of these panels permits names displayed on the buttons to be dynamically edited, or changed, whilst the system remains on line. Changes made to source and destination names via the Aurora database editor will be passed to all of the panels, changing them in real-time where they are currently displayed on panels.



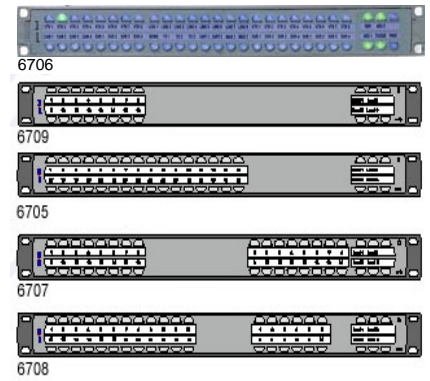
A cradle fitted to the rear of the panel retains the power supply unit, however for applications requiring a shallow panel depth, the PSU and cradle may be removed, reducing the depth of the panels to a mere 48mm.

Pushbutton Panels

The 6700 Series with its blue backlit buttons and legend strip offer an easy to operate panel suitable for all environments, while making them the most striking available in the marketplace today.

These panels not only look good, but provide operational capabilities that are second to none. The availability of 16, 32, 48, 16 x 16 and 24 x 12 variants ensures there is a panel to suit every application. Button per crosspoint operation is standard when used with all Pro-Bel control systems however, this is further enhanced with the ability to configure them for multi-bus and X-Y operation.

Re-labelling the buttons is achieved with slide in acetate legend strips and the ability to select indicator colour for each panel as either green, red, amber or magenta permits panels to be colour coded for operational type or area. A removable power supply which can be mounted in a carrier on the rear of the panel, or sited remotely, plus an ultra thin profile (a staggering 29mm from the rack front) make the panels ideal for use in applications where space is limited such as a script ledge.



Pushbutton control panel compatibility

Panel Type	Nebula (Axis, Halo, Freeway and Sirius Routers)	Aurora
6709		
16 way BPX	✓	✓
Dual 8 way BPX	✓	✓
8 x 8 X-Y	✓	✓
16 x 4 X-Y	✓	✓
6705		
32 way BPX	✓	✓
Dual 16 way BPX	✓	✓
16 x 16 way BPX	✓	✓
32 x 4 X-Y	✓	✓
6706		
48 way BPX	✓	✓
Dual 24 way BPX	✓	✓
24 x 24 X-Y	✓	✓
48 x 4 X-Y	✓	✓
32 x 16 X-Y	✓	✓
6707		
Dual 16 way BPX	✓	✓
16 x 16 X-Y	✓	✓
6708		
24 x 12 X-Y	✓	✓
Status Display	✗	✓
6276 X-Y	✓	✓
6277 Multibus	✓	✓
6711 1U LCD	✗	✓
6712 2U LCD	✗	✓

Technical Specification

Keypad Control Panels

Size	2RU x 19inch rack mounting x 140mm (5.5")
Power	110/220/240 Vac (selectable) 7W

Ordering Information

6276-00	X-Y control panel
6276-01	Single bus control panel
6277-80	Eight bus control panel
6277-60	Six bus control panel
6277-40	Four bus control panel
6277-20	Two bus control panel

Pushbutton Control Panels

Size	1RU x 19inch rack mounting x 29mm (1.1") excluding PSU 1U x 19inch rack mounting x 140mm (5.5") including PSU
Control	2 x 9 way 'D' type, RS485 looping (1 x plug, 1 x socket) 1 x 15 way 'D' type, joystick override 8 assignable overrides
Power	110/220/240 Vac autosensing, 5W

Ordering Information

RCP-100N-1600	6709, 16 way button panel
RCP-100N-3200	6705, 32 way button panel
RCP-100N-4800	6706, 48 way button panel
RCP-100N-1616	6707, Dual 16 way button panel
RCP-100N-2412	6708, 24 x 12 X-Y panel

LCD Control Panels

1RU Panel

Number of buttons	Seventeen, 16 source/destination buttons and 1 page/menu button
Size	1RU x 19inch rack mounting x 48mm (1.9") PSU cradle removed 1U x 19inch rack mounting x 125mm (4.9") PSU cradle fitted

Connectors

Control	2 x 9 Way 'D' type, RS 485, looping (1 x plug/1 x socket) 2 x 9 Way 'D' type, panel expansion, looping (1 x plug/1 x socket) 1 x 15 Way 'D' type, joystick override - 8 assignable overrides
Power	110 to 240 Vac, 50/60Hz auto sensing, 15W

LCD Control Panels

2RU Panel

Number of buttons	Fifty One, 48 source/destination buttons and 3 page/menu buttons (48 way button per crosspoint not supported)
Size	2RU x 19inch rack mounting x 48mm (1.9") PSU cradle removed 2U x 19inch rack mounting x 125mm (4.9") PSU cradle fitted

Connectors

Control	As per 1RU panel
Power	110 to 240 Vac, 50/60Hz auto sensing, 20W

Ordering Information

Note: compatible only with Aurora router control

RCP-100L-1600	1RU, LCD button panel
RCP-200L-4800	2RU, LCD button panel

Specifications subject to change

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