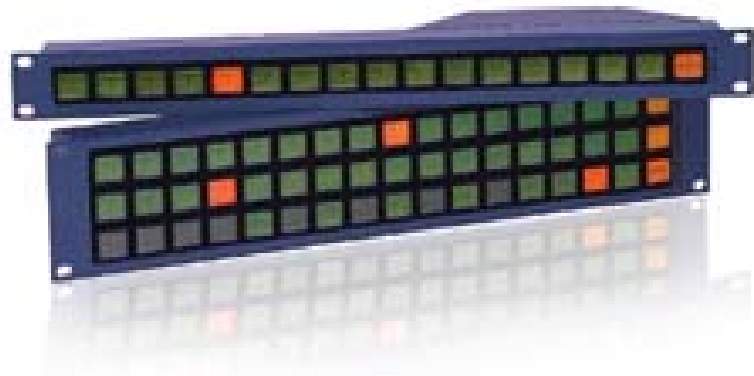


Pushbutton and keypad panels are available for all control systems. The pushbutton panels offer button per crosspoint control and limited X-Y/multi-bus operation while the keypad types provide full X-Y and multi-bus control. Compatibility with Snell Aurora and Nebula control systems ensures that panels 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.

## Control Panels

### LCD, Pushbutton and Keypad Panels for Snell Router Control Systems



#### 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.

### LCD Relegendable Panels

This range of panels provides a compact, cost effective 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-color 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 Snell 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 color for each panel as either green, red, amber or magenta permits panels to be color 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.

### Keypad Panels



6277-40



6277-80



6277-60



6277-20



6276

## Pushbutton Panels



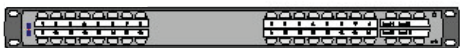
6706



6709



6705



6707



6708

## Pushbutton Control Panel Compatibility

Panel Type	Nebula (Halo, Freeway, Sirius 600 & Cygnus Routers)	Nucleus (Sirius 800 Router)	Aurora
<b>6709</b>			
16 way BPX	√	√	√
Dual 8 way BPX	√	√	√
8 x 8 X-Y	√	√	√
16 x 4 X-Y	√	√	√
<b>6705</b>			
32 way BPX	√	√	√
Dual 16 way BPX	√	√	√
16 x 16 way BPX	√	√	√
32 x 4 X-Y	√	√	√
<b>6706</b>			
48 way BPX	√	√	√
Dual 24 way BPX	√	√	√
24 x 24 X-Y	√	√	√
48 x 4 X-Y	√	√	√
32 x 16 X-Y	√	√	√
<b>6707</b>			
Dual 16 way BPX	√	√	√
16 x 16 X-Y	√	√	√
<b>6708</b>			
24 x 12 X-Y	√	√	√
Status Display	X	X	√
<b>6276 X-Y</b>	√	√	√
<b>6277 Multibus</b>	√	√	√
<b>6711 1U LCD</b>	X	X	√
<b>6712 2U LCD</b>	X	X	√
<b>6276 One/two bus</b>	√	√	√
<b>6276 Monitoring</b>	√	X	√



## Ordering Information

### Keypad Control Panels

6276-00  
X-Y control panel

6276-01  
One/two 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

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

RCP-100L-1600  
1RU, LCD button panel

RCP-200L-4800  
2RU, LCD button panel

Company policy is one of continuous product improvement. Specifications are therefore provisional and subject to change without notice. All other trademarks mentioned herein are duly acknowledged.

## Technical Specification

### Keypad Control Panels

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

### 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

### LCD Control Panels 1RU

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

Number of buttons	Fifty One, 16 source + 1 page (max 128 sources/group) 16 destinations + 1 page (max 128 dests/group) 16 configurable/status. Max. 128 groups (src & dest) 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	2 x 9 way 'D' RS485 looping (1 x plug/1 x socket)
Power	110 to 240 Vac, 50/60Hz auto sensing, 20W