grass valley

6026 Series

2U Control Panels

Quick Setup Guide

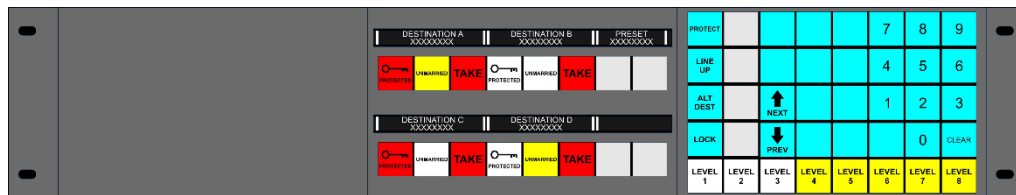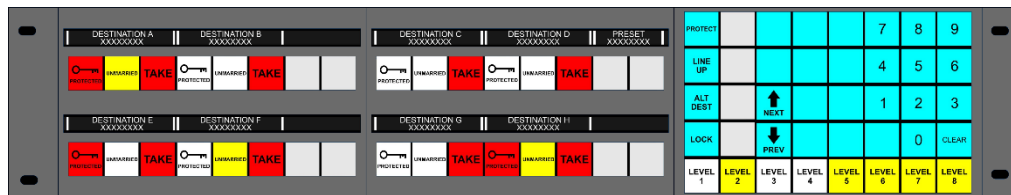# LED Control Panels

6026776 (6276 XY Panel Equivalent)
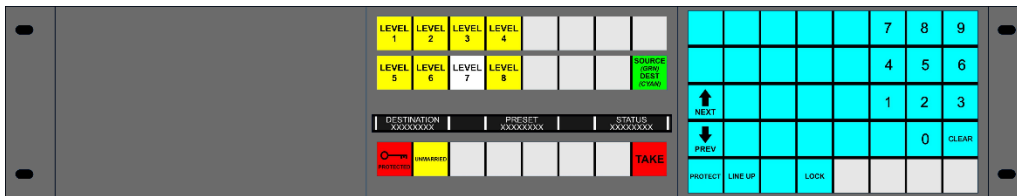
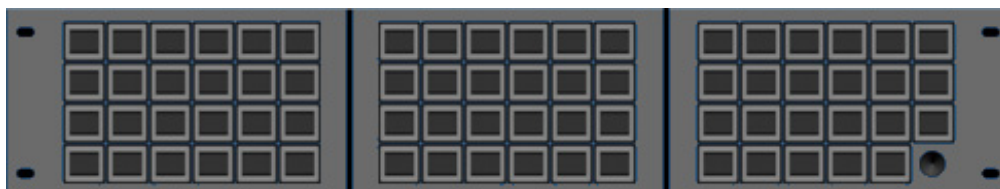### 6026778 (6277 20/40 Multi-bus Panel Equivalent)

6026777 (6277 60/80 Multi-bus Panel Equivalent)

LCD Control Panel

6026783

The LCD panel has a 64x32 pixel LCD on each key and a single rotary encoder. The LCD panel is compatible with Aurora control systems.

Configuration and Connection

Step 1: Select Control System

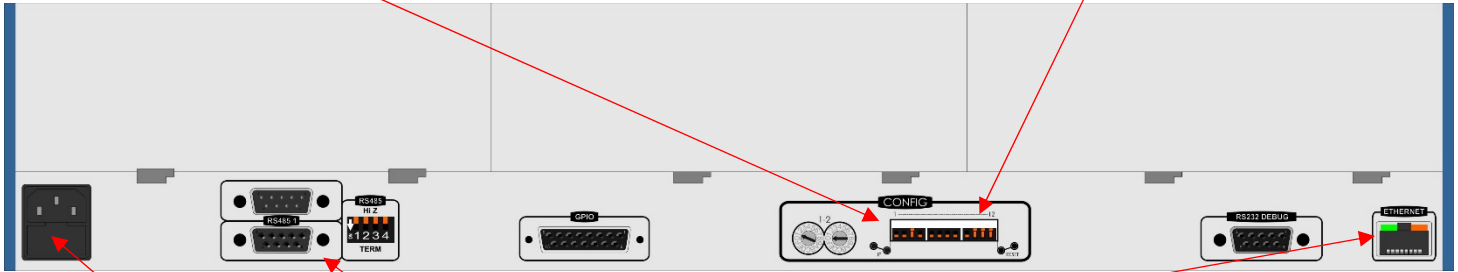Control panel modes are set using DIP switch 6. See table below:

Step 1: Select Control System

Control panel modes are set using DIP switch 6.

See table below

Step 2: Select Comms Type

Set DIP switch 10:

UP = RS485 (serial)

DOWN = Ethernet

Step 3: Connect Power

Plug cable into 2A fused IEC socket

Step 4: Setup Comms

Connect the appropriate cable to a comms port (serial or Ethernet) and configure the port address

- Standard RS232/485 pinout Serial Cable
- Standard CAT-5 10/100 BASE-T straight-through or crossover Ethernet cable

DIP Switch Configuration

Note: DIP switches not identified below can be set either up or down.

DIP switches configure the Control System, Communications Type, and GPIO Override.
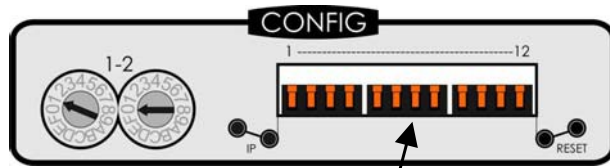
DIP Switches

Switch	Function	Switch Position	
		Up	Down
3	GPIO—Overrider Input	Normal	Button mimic[1]
6	Control System	6026777 and 6027778 panels on a Nebula controller	All other panel types and controllers
10	Communications	RS485	Ethernet

[1] Not currently used

Serial Comms Setup

Note: Multi-drop address must match database configuration.

Set DIP switches 1 and 2 down
to terminate long cable runs or the end
of a multi-drop chain.
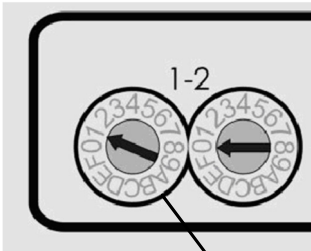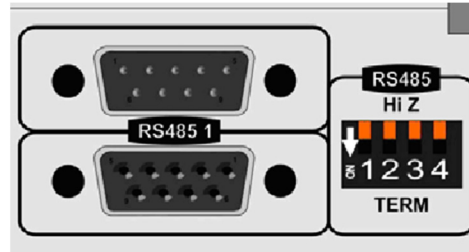
Hex Switch 1 sets the multi-drop address:

Switch	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	0
Address	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Ethernet Comms Setup

**Note: IP address must match database configuration.**

Change IP details from default values before connecting to a real network:

1. Using a PC configured to be on the same subnet as the panel default address, connect to the panel.
2. Open a web browser, type the default IP address **192.168.1.1** and press **Return**.
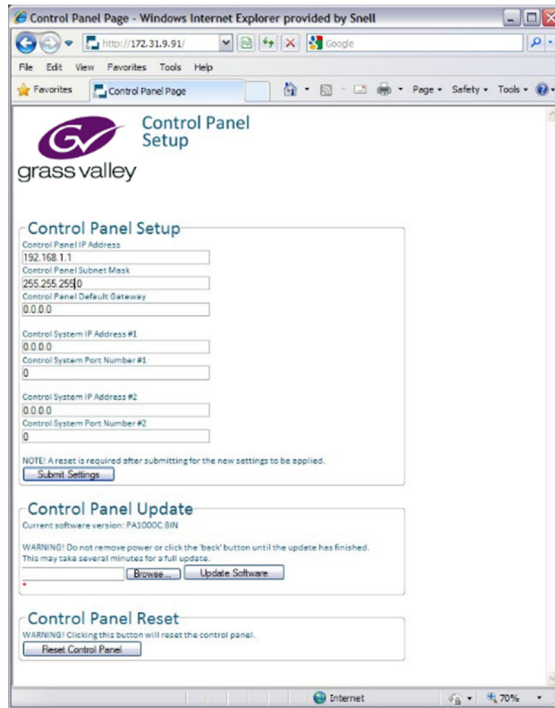
3. In the Control Panel Setup screen that displays in the browser, type the new control panel IP address, subnet mask, and gateway.
4. Type the Nucleus controller IP addresses and port numbers. Controller port numbers must be greater than 1024 (excluding 3000).
5. Click **Submit Settings**.
6. Click **Reset Control Panel**.

Key Brightness
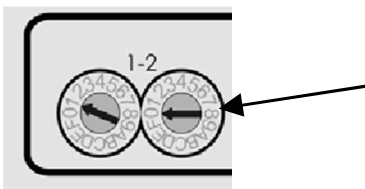
Hex switch 2 sets the brightness of the keys.
0 = minimum brightness, through to
7 = maximum brightness
(Switch settings 8 - F are not used)

Contact Information

Grass Valley Technical Support

For technical assistance, contact our international support center, at
1-800-547-8949 (US and Canada) or +1 530 478 4148.
To obtain a local phone number for the support center nearest you, please consult the Contact Us section of
Grass Valley's website (www.grassvalley.com).
An online form for e-mail contact is also available from the website.

Corporate Head Office

Grass Valley
3499 Douglas-B.-Floreani
St-Laurent, Quebec H4S 2C6
Canada
Telephone: +1 514 333 1772
Fax: +1 514 333 9828
www.grassvalley.com