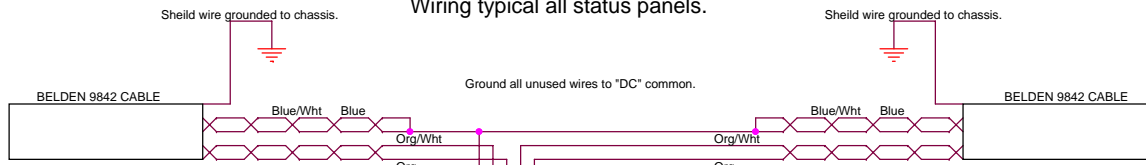
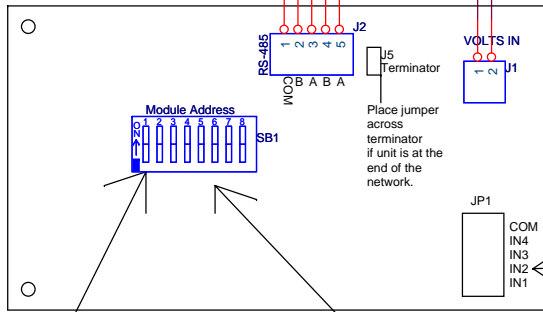


## Wiring typical all status panels.



Status control board.  
Located in every status box!



Status boxes may be powered from the closest console by using 18 gage 2 conductor shielded cable or by supplying power at the status box location in which case Big Sky would supply a power supply in the wall box.

If the wall box is located down stairs, the unit must always be powered at the box.

Place jumper across terminator if unit is at the end of the network.

### SB1 INFORMATION

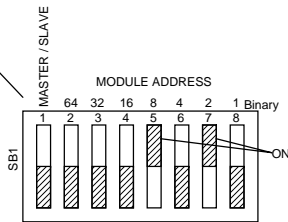
Switch 1 is used to select master or slave mode on local module.

Turn switch "ON" for MASTER or "OFF" for SLAVE.

Select master on ONE unit only!!

The remaining switches are used to select the local address of the module. The local module would only be addressed if connected to an older automation that does not have communication capability that is compatible with the Series-1 communications.

The addressing is accomplished in a "Binary" mode. The detail to the right explains the use of SB1 for addressing.



Shown above is the "SB1" switch bank which is used to select the local address of the automation.

The numbers above the switch bank indicate the binary representation of the corresponding switch.

Select in binary the value of the of the auditorium desired.

Shown is a representation of address #10 in binary. Select the value by turning on the switches and adding up the binary numbers represented by the switches.

$$2 + 8 = 10 \text{ (Auditorium \#10)}$$

## RECOMMENDED WIRE

Twisted pair with 2 pair, 24 gage, shielded must be used. Wire must have 100 to 120 ohm impedance.

Wire: BELDEN #9842 or equivalent.

### JP1 INFORMATION

JP1 is used to collect status data from older automations that do not have communications capability.

The "voltage out" type status outputs of these older automations is connected to this block.

Connect the status outputs as follows:

- IN1 = "Stop" indicator output from automation.
- IN2 = "Start or Run" indicator output from automation.
- IN3 = "Alarm" indicator output from automation.
- IN4 = Future
- COM = Indicator output common from automation.

This block is not present on every board.

Please indicate if the module is to be used for older equipment.

Use only with status panel board with DIP SWITCH!!

BIG SKY INDUSTRIES INC. 1475 PARK AVE. ALPHA N.J. 08865		
Title RS-485 STATUS SYSTEM		
Size B	Document Number REV.B Status Panel Wiring.SCH	Rev -
Date: Wednesday, June 07, 2006	Sheet 1	of 1