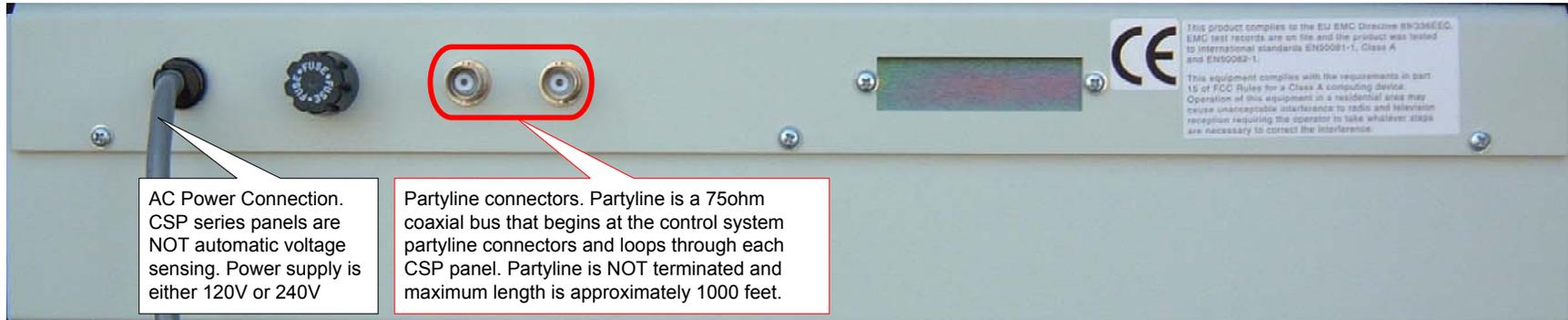


Control Panels

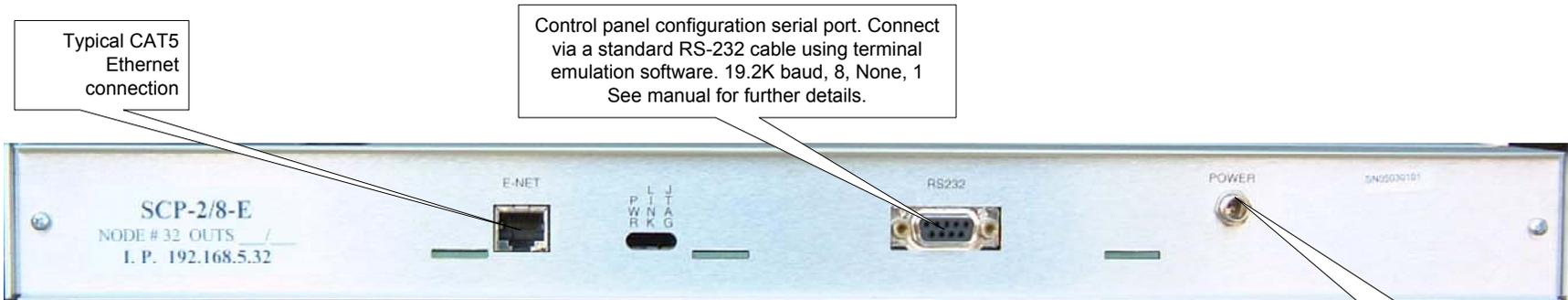
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AC Power Connection. CSP series panels are NOT automatic voltage sensing. Power supply is either 120V or 240V

Partyline connectors. Partyline is a 75ohm coaxial bus that begins at the control system partyline connectors and loops through each CSP panel. Partyline is NOT terminated and maximum length is approximately 1000 feet.

CSP Series Control Panel – 1 or 2 RU panels are the same layout.

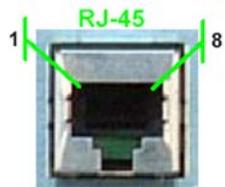


Typical CAT5 Ethernet connection

Control panel configuration serial port. Connect via a standard RS-232 cable using terminal emulation software. 19.2K baud, 8, None, 1 See manual for further details.

Power supply connector. Power supply brick is auto voltage sensing

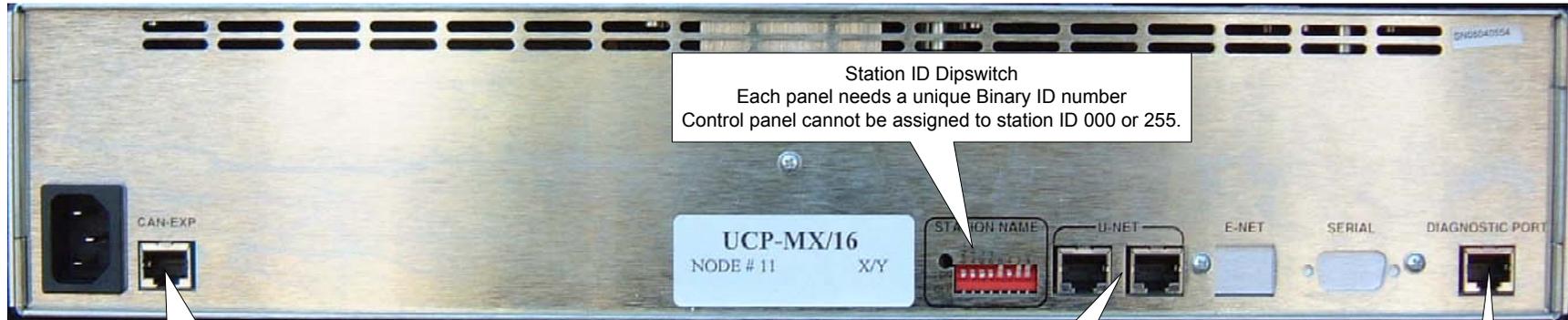
SCP Series Ethernet Control Panel – 1 or 2 RU panels are the same layout.



Control Panels Continued

UCP U-Net Series Panel

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When an expansion panel is used, this connection loops between the panels using a CAT-5 cable. When no expansion panel is used terminate this connection with the supplied U-Net terminator.

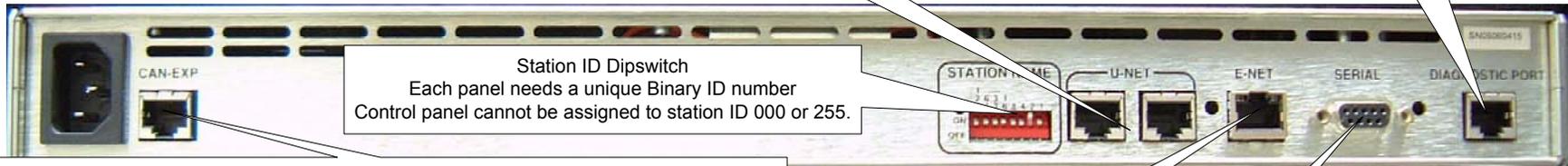


U-Net connectors connect to a U-Net port on the SC-4/400 or to a loop-through from another panel via a typical CAT-5 cable. U-Net must be terminated at the end of the loop-through with the supplied U-Net terminators. Maximum cable length of 1000 feet per run.

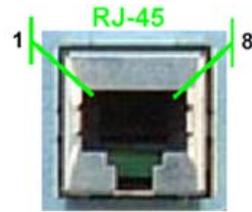
U-Net connectors connect to a U-Net port on the SC-4/400 or to a loop-through from another panel via a typical CAT-5 cable. U-Net must be terminated at the end of the loop-through with the supplied U-Net terminators. Maximum cable length of 1000 feet per run.

Configuration port used for panel setup. Use RJ-45 to 9 pin adapter labeled MC-2020. Baud rate 19.2K baud, 8, None, 1

UCP U-NET, E-Net, Serial Series Panel



When an expansion panel is used, this connection loops between the panels using a CAT-5 cable. When no expansion panel is used terminate this connection with the supplied U-Net terminator.



Typical CAT5 Ethernet connection



Serial Port for control via RCP-1 protocol.
 Pin Outs: **RS-232**= 1-RI, 2-TXD, 3-RXD, 4-DSR, 5-GND, 6-DTR, 7-CTS, 8-RTS, 9-CD
RS-422= 2-TX-1, 3-RX+, 5-GND, 7-TX+, 8-RX-