



# CP-16 Connector Pin-Out:

9-PIN D (J4)	DESCRIPTION
1	Power ground
2	Power ground
3	Power Inlet (+12 to +24 VDC)
4	RS-485+ (Primary)
5	RS-485- (Primary)
6	Panel Address Bit 0
7	Panel Address Bit 1
8	Panel Address Bit 3
9	Panel Address Bit 2

RJ-45 (J2/J3/J6/J7)	DESCRIPTION
1	RS-485+ (Primary)
2	RS-485- (Primary)
3	Power ground
4	Power (See Note 2)
5	Power (See Note 2)
6	Power ground
7	RS-485+ (Auxiliary)
8	RS-485- (Auxiliary)

Note 1: Apply +12 volts DC using ONLY ONE of J2, J3, J4, J6, or J7.

Note 2: J2/J6 (J3/J7)-pins 4 & 5 are connected to DS1-Switch 7 (8).

Switch 7 (8) must be ON for J2/J6 (J3/J7)-pins 4 & 5 to be connected to Power Inlet.

If Switch 7 (8) is OFF, J2/J6 (J3/J7)-pins 4 & 5 are isolated from Power Inlet.

See Switch (DS1) description below.

SWITCH (DS1)	DESCRIPTION
1, 2	Panel Address Bits (4 addresses max) 1, 2, = OFF, OFF: Address = A0 1, 2, = ON, OFF: Address = A1 1, 2, = OFF, ON: Address = A2 1, 2, = ON, ON: Address = A3
3, 4, 5, 6	Mode of Operation 3 = ON: SOC Mode (always bright display) 4 = OFF: Button presses set to TAKE 4 = ON: Button presses set to SUM 5, 6 = OFF, OFF: "HOT TAKE", Panel armed 5, 6 = ON, OFF: "ENABLE", requires button press to arm
	3, 4, 5, 6 = all other combos: Reserved for future use
7	7 = ON: Connects J2/J6 (pins 4 & 5) to Power Inlet
8	8 = ON: Connects J3/J7 (pins 4 & 5) to Power Inlet