

CRS-8 DB9 to Rubicon SL 10-pin Connector

AUXILIARY DATA CONNECTIONS, 12 VDC POWER

CRS-8 Signal	CRS-8 DB9 Pin#	Rubicon SL Backplane Pin#	Rubicon SL Signal
+12V	3	10	AUX PWR +12V
GND	2	5	AUX PWR GND
RS-485+	4	4	AUX RS-485+
RS-485-	5	9	AUX RS-485-
Address LSB	6	-	
Address MSB	7	-	

For address strapping on the CRS-8 DB9:

A0: No Strapping required

A1: Strap Pin 1 (GND) to Pin 6

A2: Strap Pin 1 (GND) to Pin 7

A3: Strap Pin 1 (GND) to Pin 6 to Pin 7

CONSOLE DATA CONNECTIONS, 12 VDC POWER

CRS-8 Signal	CRS-8 DB9 Pin#	Rubicon SL Backplane Pin#	Rubicon SL Signal
+12V	3	10	AUX PWR +12V
GND	2	5	AUX PWR GND
RS-485+	4	2	CONSOLE RS-485+
RS-485-	5	7	CONSOLE RS-485-
Address LSB	6	8	CONSOLE Address LSB
Address MSB	7	3	CONSOLE Address MSB

NOTE:

To locate Auxiliary Panels at the first address (A0) when connected inside the console tub to the console data bus (i.e. Slots 1, 5, 9, 13, etc.) requires Router Control Software 3.07 or higher.

CONSOLE DATA CONNECTIONS, 24 VDC POWER (note:CRS8RJ only)

CRS-8 RJ Sig	CRS-8 RJ-45 J1 Pin#	Rubicon SL Backplane Pin#	Rubicon SL Signal
+24V	4 & 5 (BLU pair)	1	CONSOLE +24V
GND	3 & 6 (GRN pair)	6	CONSOLE GND
RS-485+	1 (ORG/WHT)	2	CONSOLE RS-485+
RS-485-	2 (ORG)	7	CONSOLE RS-485-

NOTES:

1. Set panel address using the dip switches on the CRS-8-RJ processor board.
2. To locate Auxiliary Panels at the first address (A0) when connected inside the console tub to the console data bus (i.e. Slots 1, 5, 9, 13, etc.) requires Router Control Software 3.07 or higher.

AUXILIARY DATA CONNECTIONS, 24 VDC POWER (note:CRS8RJ only)

CRS-8 RJ Sig	CRS-8 RJ-45 J1 Pin#	Rubicon SL Backplane Pin#	Rubicon SL Signal
+24V	4 & 5 (BLU pair)	1	CONSOLE +24V
GND	3 & 6 (GRN pair)	6	CONSOLE GND
RS-485+	1 (ORG/WHT)	4	AUX RS-485+
RS-485-	2 (ORG)	9	AUX RS-485-

NOTES:

1. Set panel address using the dip switches on the CRS-8-RJ processor board.

CONSOLE AND AUX DATA CONNECTIONS, DUAL PROCESSORS **24 VDC POWER (note:CRS8RJ only)**

CRS-8 RJ Sig	CRS-8 DB9 Pin#	Rubicon SL Backplane Pin#	Rubicon SL Signal
Console/Turret Panel (Upper)			
+24V	3	1	CONSOLE +24V
GND	2	6	CONSOLE GND
Console RS-485+	4	2	CONSOLE RS-485+
Console RS-485-	5	7	CONSOLE RS-485-
Intercom Panel (Lower – Aux Data)			
+24V	3	1	CONSOLE +24V
GND	2	6	CONSOLE GND
AUX RS-485+	4	4	AUX RS-485+
AUX RS-485-	5	9	AUX RS-485-

NOTES:

1. Set panel address using the dip switches on the CRS-8-RJ processor board.
2. To locate Auxiliary Panels at the first address (A0) when connected inside the console tub to the console data bus (i.e. Slots 1, 5, 9, 13, etc.) requires Router Control Software 3.07 or higher.
3. Intercom or SOC panels must be wired outside of the console data bus using the AUX connector provided on the underside of the Rubicon SL.