

Garmin 4000 & 5000 Series to MATRIX GX2100

Port	Wire Function	Garmin Wires	Garmin Baud	Matrix Wires
Receiving Port 1	RX / A (+)	White	38400	Brown
	RX / B (-)	Orange/White		
Receiving Port 2	RX / A (+)	Brown	4800	Gray
	RX / B (-)	Brown/White		
Receiving Port 3	RX / A (+)	Violet		
	RX / B (-)	Violet/White		
Receiving Port 4	RX / A (+)	Black/White		
	RX / B (-)	Red/White		
Transmitting Port 1	TX / A (+)	Gray		
	TX / B (-)	Pink		
Transmitting Port 2	TX / A (+)	Blue	4800	Blue
	TX / B (-)	Blue/White		
N/A	GPS 17 IN	Green/White		
N/A	GPS 17 OUT	Green		
N/A	SPARE			
N/A	ALARM	Yellow		
N/A	ACCESSORY ON	Orange		
N/A	GROUND	Black		Green
N/A	SPARE			

Note:

1. Connect the Garmin Orange/white, Brown/White, Blue/White, Black to Matrix AIS Green.
2. The MATRIX AIS outputs AIS data at 38400. For the Garmin to display AIS target, the baud rate for Port 1 must be changed to NMEA High Speed.