

HAL Communications ST-8000A
Circular connector pinouts

Internal	Pin	Color	Signal	External	Pin
J1	1	Brown	FSK Audio In	J2	10
J1	2	Red	FSK Audio In	J2	12
J1	3	N/C			
J1	4	Yellow	FSK Audio Out	J2	1
J1	5	Green	FSK Audio Out	J2	3
J1	6	N/C			
J1	7	Violet	Relay Contact	J2	6
J1	8	Gray	Relay Contact	J2	5
J1	9	White	Jumper to J1-8	J2	8
J1	10	Tan	Shield/Ground	J2	37

J2 Audio I/O W1P1

Internal	Pin	Color	Signal	External	Pin
J2	1			J5	
J2	2			J5	
J2	3			J5	
J2	4			J5	
J2	5			J5	

J5 Diversity WxPx

Internal	Pin	Color	Signal	External	Pin
J3	1	Brown	Mark Aud Out	J1	7
J3	2	Red	Jumper J2-8	J1	8
J3	3	Orange	Space Aud Out	J1	9
J3	4	Yellow	Carrier Det	J1	10
J3	5	Green	Demod Ground	J1	12
J3	6	Blue	Ground	J1	13
J3	7	Violet	Ground	J1	14

Internal	Pin	Color	Signal	External	Pin
J3	8	Gray	Relay Contact	J1	15
J3	9	White	Relay Contact	J1	16
J3	10	Black	Data RTS In	J1	17
Internal	Pin	Color	Signal	External	Pin
J4	1	Brown	Data CTS Out	J1	18
J4	2	Red	TX CLK Out	J1	19
J4	3	Orange	Mod Data In	J1	20
J4	4	Yellow	Mid CLK Out	J1	21
J4	5	Green	Data Out 232	J1	22
J4	6	Blue	Data Out 188	J1	23
J4	7	Violet	Mod Ground	J1	24
J4	8	Gray	Ground	J1	25
J4	9	White	Ground	J1	26
J4	10	Black	Mod Ground	J1	36
J4	11	Tan	Shield/Ground	J1	37

J1 Data I/O W3P1 W3P2

Internal	Pin	Color	Signal	External	Pin
J5	1	Brown		J4	1
J5	2	Red		J4	2
J5	3	Orange		J4	3
J5	4	Yellow		J4	4
J5	5	Green		J4	5
J5	6	Blue		J4	6

J4 Remote W4P1