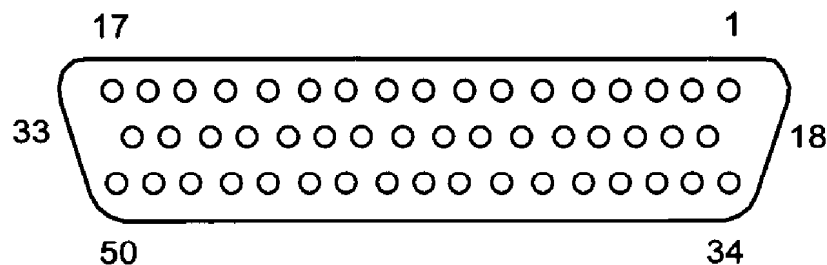


NAV Indicator

King

KI 208A/209A



**Connector
To GPS**

Circuit	Pin #	Notes
LNAV + FROM IN	42	
LNAV + TO IN.....	43	
LNAV FCS LOC ENGAGE IN.....	9	
LNAV LATERAL - FLAG IN	3	
LNAV LATERAL + FLAG IN	48	
LNAV LATERAL + LEFT IN.....	20	
LNAV LATERAL + RIGHT IN	21	
LNAV OBS COS OUT	14	
LNAV OBS EXCITATION IN	2	
LNAV OBS SIN OUT	15	
LNAV VERTICAL - FLAG IN.....	22	
LNAV VERTICAL + DOWN IN.....	26	
LNAV VERTICAL + FLAG IN.....	23	
LNAV VERTICAL + UP IN.....	27	
OBS RETURN	50	
To NAV RX		
NAV LOC ENGAGE IN	10	
NAV VERTICAL - FLAG IN.....	24	
NAV VERTICAL + DOWN IN.....	28	
NAV VERTICAL + FLAG IN.....	25	

(Continued)

For familiarization only. Consult the manufacturers current data.

(KI208A/209A Continued)

NAV VERTICAL + UP IN.....	29	
VOR/LOC COMPOSITE.....	6	
To flight control system		
FCS LOC ENGAGE OUT.....	13	
LATERAL – FLAG OUT.....	12	
LATERAL + FLAG OUT.....	11	
LATERAL DEV + LEFT OUT.....	17	
LATERAL DEV + RIGHT OUT.....	16	
VERTICAL – FLAG OUT.....	47	
VERTICAL + DOWN OUT.....	45	
VERTICAL + FLAG OUT.....	46	
VERTICAL + UP OUT.....	44	
LNAV ANNUNCIATE.....	7	
NAV ANNUNCIATE.....	8	
SPARE RELAY 1 COMMON.....	18	
SPARE RELAY 1 NORMALLY CLOSED.....	33	
SPARE RELAY 1 NORMALLY OPEN.....	32	
SPARE RELAY 2 COMMON.....	19	
SPARE RELAY 2 NORMALLY CLOSED.....	31	
SPARE RELAY 2 NORMALLY OPEN.....	30	
SPARE RELAY 3 COMMON.....	49	
SPARE RELAY 3 NORMALLY CLOSED.....	39	
SPARE RELAY 3 NORMALLY OPEN.....	38	
14V LIGHTING.....	4	Note 1
A/C GROUND.....	34	
LIGHTING 28V/LO.....	5	Note 1
LNAV 11-33 VDC A/C POWER.....	40	
NAV 11-33 VDC A/C POWER.....	41	
RELAY 14V POWER A.....	35	Note 2
RELAY 14V POWER B.....	37	Note 2
RELAY ENGAGE A.....	36	Note 2
RELAY ENGAGE B.....	1	Note 2

Notes

1. For 28 volts, 5 to Dimmer, 4 open. For 14 volts, 4 to Dimmer, 5 to ground.
2. For 28 volts, power in 35, jumper 36 to 37, 1 ground to energize relay, open NAV, ground GPS. For 14 volts, power in 35 and 37, 36 and 1 ground to energize relay.

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