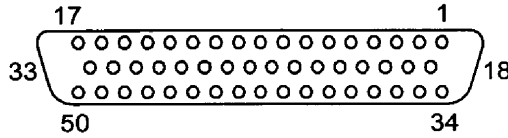


GPS

**KING
 KLN 90/90A/90B**



Connector

Circuit	Pin #	Notes
+ FROM	20	
+ RIGHT	22	
+ TO	21	
429 RECEIVER A	5	
429 RECEIVER B	4	
429 TRANSMIT A	24	Note 1
429 TRANSMIT B	23	Note 1
A+ 11-33 VDC	40	
A1	42	
A2	43	
A4	44	
AIR DATA 429 RCVR A	9	Note 1
AIR DATA 429 RCVR B	8	Note 1
ALT ALERT AUDIO OUT	39	
ALT ALERT	38	
ANNUNCIATOR OUTPUT	14	Note 2
ANNUNCIATOR OUTPUT	15	Note 2
ANNUNCIATOR OUTPUT	16	Note 2
ANNUNCIATOR OUTPUT	17	Note 2
B1	45	
B2	46	
B4	47	

(Continued)

For familiarization only. Consult the manufacturers current data.

(KLN 90/90A/90B Continued)

C1	48	
C2	49	
C4	50	
D4	41	
DATA LOADER IN	35	
DATA LOADER OUT	34	
DIMMER	32	Note 3
DIMMER	28	Note 3
DIMMER	29	Note 3
NAV FLAG - / +LEFT	25	
NAV FLAG +	19	
NAV SUPER FLAG	18	
OBI CLOCK OUT	11	
OBI DATA OUT	10	
OBI SYNC OUT	12	
OBS RESOLVER COSINE	37	Note 4
OBS RESOLVER OUT	31	Note 4
OBS RESOLVER SIN	26	Note 4
OUTPUT	1	Note 5
OUTPUT	30	Note 5
OUTPUT	33	Note 5
POWER GROUND	27	
RADAR GRAPHICS 429 RECEIVER A	7	
RADAR GRAPHICS 429 RECEIVER B	6	
RS232 IN	36	Note 6
RS232 OUT	13	Note 6
SDI 1/2 EFIS	3	
TAKE HOME	2	

Notes

1. Jumper 9 to 24 and 8 to 23 if unused.
2. KLN 90/90A, 17 INTEG WARN (90A only), 16 spare, 15 MSG, 14 WPT ALERT. KLN 90B, 17 APP ARM, 16 APP ACTIVE, 15 MSG, 14 WPT ALERT.
3. For 28 volts, 28 to Dimmer, 32 ground, 29 open. For 14 & 5 volts, 28 & 32 ground, 29 to Dimmer.
4. KLN 90/90A spare.
5. KLN 90/90A, 1 GPS/IFR Enable/Remote On, 30 Left Offset, 33 Right Offset. KLN 90/90A, 1 GPS displayed, 30 Approach Arm Select, 33 Leg/OBS control.
6. Jumper 13 to 36 if unused.

For familiarization only. Consult the manufacturers current data.