

ADF

**KING**

**KR 87,KA 44/44B, KI 227-00/01**

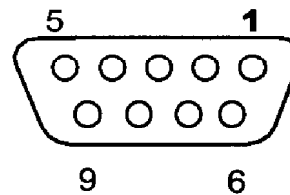
**KI 228-00/01**

**Connector**

**KR 87**



**KA 44/44B**



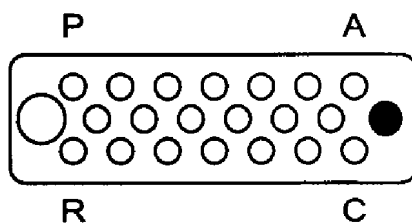
**KR 87**

Pin #	Circuit	Pin #	Notes
8	LOOP ENABLE (GREEN OR WH/GREEN)	2	Note 1
12	ANTENNA POWER (RED OR WH/RED)	1	Note 1
15	GROUND (BLUE OR WH/BLUE)	7	Note 1
F	32 Hz < 0' (YELLOW OR WH/ORANGE)	5	Note 1
6	32 Hz < 90' (BLACK OR WHITE)	4	Note 1
	ANTENNA CENTER CONDUCTOR	3	
	ANTENNA MIDDLE SHIELD	9	
	ANTENNA OUTER SHIELD	9	

**KA44/44B**

KI 227-00/01

KI 228-00/01



(Continued)

For familiarization only. Consult the manufacturers current data.

(KR 87 KA 44/44B KI 227 Continued)

<b>KR 87</b>		<b>KI 227/228</b>	
<b>Pin #</b>	<b>Circuit</b>	<b>Pin #</b>	<b>Notes</b>
A	ADF SIN HI	C	
B	ADF COS HI	E	
D	+4.5 V ADF DC SIN/COS REF	B	
E	TOP/BOTTOM MOUNT		Note 2
L	INSTR DIMMER		Note 3
10	AUDIO HI (500 OHM)		
H	GROUND		
M	GROUND		
P	GROUND		
R	GROUND		
S	GROUND		
K	FLT TMR CTL		
J	FLT TMR CTL 1		
9	INSTR DIMMER		Note 3
11	E.T. ALARM OUT		
14	AGC OUT		
13	+28/14 VDC INPUT		
7	32 Hz VARIABLE OUT		

**KI 227**

<b>Circuit</b>	<b>Pin #</b>	<b>Notes</b>
4.5 V REV (DBL NEEDLE)	F	Note 4
DC COS HI (DBL NEEDLE)	K	Note 4
DC SIN HI (DBL NEEDLE)	J	Note 4
DIMMER	A	Note 5
DIMMER	D	Note 5
DRIVE 1	P	Note 6
DRIVE 2	L	Note 6
DRIVE 3	N	Note 6
DRIVE 4	R	Note 6
GROUND	H	
STEPPER COMMON	M	Note 6

**Notes**

1. First color, old cable grey casing, second color new cable white casing.
2. Bottom mount, ground, Top mount, open.
3. For 28 volts, 9 to Dimmer, L open. For 14 volts, L to Dimmer, 9 to ground.
4. KI 227 only.
5. For 28 volts, A to Dimmer, D open. For 14 volts, D to Dimmer, A to ground.
6. Not on -00 models.

For familiarization only. Consult the manufacturers current data.