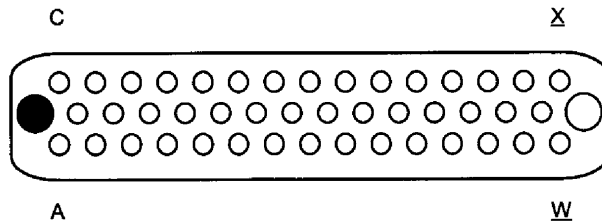


HSI

**KING**  
**KI 525/ 525A**

Connector P1 top plug female pins



Circuit	Pin #	Notes
- 15 VDC REGULATED .....	Y	
+ 15 V UNREGULATED .....	V	
+ 15 VDC REGULATED .....	f	
+ 5 VDC .....	s	
+ FROM .....	T	
+ INCREASE COURSE ERROR .....	e	
+ INCREASE HEADING ERROR .....	P	
+ LEFT .....	V	
+ RIGHT .....	b	
+ TO .....	Z	
CRS/ HDG RETURN .....	S	
DIGITAL GROUND .....	n	
G.S. FLAG - .....	W	
LIGHTING .....	t	Note 1
LIGHTING .....	N	Note 1
LIGHTING GROUND .....	L	Note 1
NAV FLAG - .....	F	
NAV FLAG + .....	K	
NAV FLAG GROUND .....	c	

(Continued)

For familiarization only. Consult the manufacturers current data.

(KI 525 P1 Continued)

NAV FLAG POWER + 14 VDC.....	D	Note 2
NAV FLAG POWER + 28 VDC.....	H	Note 3
SIGNAL GROUND .....	j	
UNREGULATED GROUND.....	k	

**Notes**

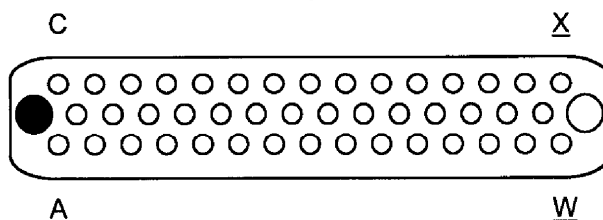
1. For 14 volts, N and t to Dimmer, L to ground. For 28 volts, N to dimmer, t and L to ground
2. 14 volts only.
3. 28 volts only.

For familiarization only. Consult the manufacturers current data.

HSI

**KING**  
**KI 525/ 525A**

Connector P2 Bottom plug, male pins



Circuit	Pin #	Notes
DRIVE MOTOR 1.....	A	
DRIVE MOTOR 2.....	D	
DRIVE MOTOR 3.....	H	
DRIVE MOTOR 4.....	L	
G.S. DEV + DOWN.....	B	
G.S. DEV + UP.....	E	
G.S. FLAG +.....	J	
HEADING TRANSMITTER (C).....	u	Note 1
HEADING TRANSMITTER (H).....	r	Note 1
HEADING TRANSMITTER (X).....	s	Note 1
HEADING TRANSMITTER (Y).....	v	Note 1
HEADING TRANSMITTER (Z).....	t	Note 1
KI525A VALID (ONLY USED ON KI525A).....	P	
OBS RESOLVER (C).....	a	
OBS RESOLVER (D).....	V	
OBS RESOLVER (E).....	Y	
OBS RESOLVER (F).....	b	
OBS RESOLVER (G).....	e	
OBS RESOLVER (H).....	X	
SLAVING CONTROL TRANSFORMER (C).....	n	

(Continued)

For familiarization only. Consult the manufacturers current data.

*(KI 525/525A Continued)*

SLAVING CONTROL TRANSFORMER (H) .....	<a href="#">j</a>
SLAVING CONTROL TRANSFORMER (X) .....	<a href="#">m</a>
SLAVING CONTROL TRANSFORMER (Y) .....	<a href="#">h</a>
SLAVING CONTROL TRANSFORMER (Z) .....	<a href="#">d</a>

**Notes**

1. On P/N 066-3029-01 indicator only.

For familiarization only. Consult the manufacturers current data.