



<u>REM</u>	<u>XCVR SERIAL</u>	<u>AUX</u>
RCA	3.5mm Stereo	DE15M

**KPA1500**

KPA1500 Menu:  
 RADIO TYPE: **SERIAL**  
 SERIAL SPEED XCVR: **9600 \***  
 RADIO POLL: **OFF**

\* Set to transceiver baud rate

**KPA1500 AUX Connector Pinout (DE-15 Male)**

Signal Name	Pin	Direction	Notes
Band VRef (Icom)	1	In	Reference for Icom input
AuxBus I/O	2	Out	K3/K3s
Band1 In	3	In	BCD Band Input – Bit 1*
NC	4		
<b>GND</b>	<b>5</b>		
Band V (Icom)	6	In	Uses Icom standard band voltages
Alarm Out	7	Out	Drives low for fault input Not used by K3/K3S. Must not be connected to K3/K3S.
Power On/Off	8	In	Pulse low to turn KPA on or off – do not hold low!
Band2 In	9	In	BCD Band Input – Bit 2*
<b>Key</b>	<b>10</b>	In	Low enables amplification. Internally pulled up to +5V. Sources 1 mA when pulled to ground. Diode isolated from the KEY IN RCA jack.
Inhibit#	11	In	Low inhibits amplifier operation
GND	12		
Band0 In	13	In	BCD Band Input – Bit 0*
Band3 In	14	In	BCD Band Input – Bit 3*
ALC	15	Out	ALC output to transceiver

CAT	KEY	PTT	TX	13.8V
DE9M	¼" Phono	RCA	GND	RCA

**Yaesu FTdx5000**

PC	n.c.	n.c.	KPA1500
RS232	DE9F	DE9F	AUX
DE9F			DE15F
Radio	TX	LNA	RXD
RS232	GND	PTT	(tip)
DE9M	RCA	RCA	RCA
			TXD
			(ring)
			RCA

Radio	LNA	PTT
DB37M		RCA

**microKEYER II**

← DE15 M/F

← DE9 M/F Serial **S-BOX**

RCA-to-3.5mm stereo patch cable ↑

microHAM to Yaesu cable