

Kenwood 15-pin Molex Accessory Connector, as found on TK-6110

Pin	Name	Description	CN2	CN4
1	HK2	Hook 2	2	
2	FSW	Foot switch	5	
3	IGN	Ignition sense input		7
4	DEO	Detected signal output	1	
5	MI2	MIC input 2	4	
6	ES1	External speaker		3
7	SB	Switched B+		6
8	PTT2	PTT input 2	7	
9	ISP	Internal speaker		2
10	HR	Horn alert control	3	
11	AUX	Accessory port	6	
12	ES2	External speaker		4
13	SPG	Speaker ground		1
14	SQ	Squelch signal output	8	
15	GND	Ground		5

Kenwood DB-25 Accessory Connector, as found on TK-8180

Pin	Name	Description	Notes
1	N/C	Not Connected	
2	RXD1	Serial data input 1	RS232 levels
3	TXD1	Serial data output 1	RS232 levels
4	AUXI/O9	AUX input/output 9	Act-Low w/47k pull-up to 5V
5	DI	Data signal input	Modulation input
6	MI2	External MIC input	DC-coupled
7	GND	Ground	
8	AUXI/O8	AUX input/output 8	Same as AUXI/O9
9	TXD2	Serial data output 2	TTL levels
10	RXD2	Serial data input 2	TTL levels
11	GND	Ground	
12	AUXI/O7	AUX input/output 7	Same as AUXI/O9
13	AUXI/O6	AUX input/output 6	Same as AUXI/O9
14	SB	Switched B+	2A maximum
15	AUXO2	AUX output 2	Act-Low; open-collector
16	AUXO1	AUX output 1	Same as AUXO2
17	AFO	RX filtered audio output	DC-coupled
18	GND	Ground	
19	DEO	Detected audio output	DC-coupled
20	AUXI/O5	AUX input/output 5	Same as AUXI/O9
21	AUXI/O4	AUX input/output 4	Same as AUXI/O9
22	AUXI/O3	AUX input/output 3	Same as AUXI/O9
23	AUXI/O2	AUX input/output 2	Same as AUXI/O9
24	AUXI/O1	AUX input/output 1	Same as AUXI/O9
25	ME	External MIC ground	

Separate External Speaker connector.