



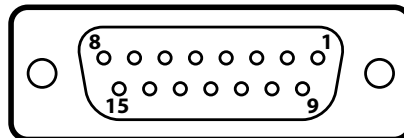
RF2K-S

HF Solid State Amplifier

Corrigendum 10/25

Corrigendum 10/25

This corrigendum shows the correct pin-out for the BCD output on the 15 pin multi-function socket of the RF2K-S power amplifier.



Top view of the power
amplifier socket

Pin	Assignment
1	In A: External antenna switch BCD input *, see table 1
2	In B: External antenna switch BCD input *, see table 1
3	In C: External antenna switch BCD input *, see table 1
4	In D: External antenna switch BCD input *, see table 1
5	Out A: BCD band data output, see table 2
6	Out B: BCD band data output, see table 2
7	Out C: BCD band data output, see table 2
8	Out D: BCD band data output, see table 2
9	TKEY: Output and input for antenna tuner control
10	TSTR: Input for antenna tuner control
11	For future applications
12	For future applications
13	GND RF2K-S V1: GND RF2K-S $\geq$ V2: For future applications
14	GND RF2K-S V1: GND RF2K-S $\geq$ V2: For future applications
15	OUT 15 V Max. 500 mA when the power amplifier is on; can be used for external controls (e.g. relay control for remote operation).

*

Min. voltage to be applied: 5 VDC.

Max. voltage to be applied: 15 VDC (RF2K-S V1) or 50 VDC (for RF2K-S $\geq$ V2).

For version number, see type plate on the rear of the power amplifier.

Antenna	Pin 1 (In A)	Pin 2 (In B)	Pin 3 (In C)	Pin 4 (In D)
1	0	0	0	0
2	1	0	0	0
3	0	1	0	0
4	1	1	0	0
5	0	0	1	0
6	1	0	1	0
7	0	1	1	0
8	1	1	1	0
9	0	0	0	1
10	1	0	0	1
11	0	1	0	1
12	1	1	0	1
13	0	0	1	1
14	1	0	1	1
15	0	1	1	1
16	1	1	1	1

Table 1 Addressing of the externally connected and managed antennas (0=inactive; 1=active)

Band	Pin 5 (Out A)	Pin 6 (Out B)	Pin 7 (Out C)	Pin 8 (Out D)
160 m	0	1	1	1
80 / 75 m	1	0	1	1
60 m	1	0	1	1
40 m	0	0	1	1
30 m	1	1	0	1
20 m	0	1	0	1
17 m	1	0	0	1
15 m	0	0	0	1
12 m	1	1	1	0
10 m	0	1	1	0
6 m	1	0	1	0

Table 2 Addressing of the BCD band data output (0=inactive; 1=active)



RF-POWER.EU