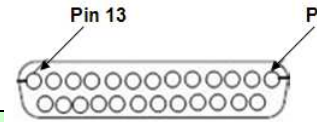


## DB25 Pin assignment for IC-F5060 / IC-F6060



View from back of radio

Pin No.	Symbol	Description / Usage
1	NC	No connection
2	TXD	Serial data output (RS-232C interface built-in) <b>Use for connecting GPS receivers</b>
3	RXD	Serial data input (RS-232C interface built-in) <b>Data going OUT</b>
4	RTS	RTS signal input for internal RS-232C interface
5	CTS	CTS signal input for internal RS-232C interface
6		Connected with Pin20
7	GND	Ground
8	EXMOD	External modulation input (depending on coffee bean setting) <b>TX mod going in</b> Input impedance : approx. 27k ohms Approx. 60% modulation with 300mVrms input
9	DISC	Demodulated signal output * Output impedance : approx. 10k ohms 300mVrms when receiving 60% modulated signal - <b>FOR DETECTED AUDIO CUT K AND SOLDER L</b>
10	HORNO	Output for horn switching signal <b>EXO</b> OFF = H (When ON, input current must be lower than 50mA)
11	VCC	Voltage output (max current : 100mA) * Activated when the radio is turn ON. <b>13.0V DC</b>
12	MMUTI	Input for MIC mute signal
13	NC	No connection
14	GND	Ground
15	PGI1	Input for foot switch *L=ON
16	NC	No connection (grounded with 47pF)
17	BUSY	Busy signal output L=when receiving signal - <b>CARRIER - ALWAYS</b>
18	COR	Output for digital unmute signal - <b>DIGITAL VOICE</b>
19	EPTTO	PTT signal input
20		Connected with Pin6
21	AUD	Output for "Audible" condition signal <b>LOOKS FOR PL OR NAC CODES</b>
22	PA	AF amp output Impedance : approx. 10k ohms <b>RECEIVE AUDIO IN/RECEIVING AUDIO FROM ANOTHER RADIO IS TRANSFERRED TO CONNECTING SPEAKER</b> Output level varies depending on radio setting (0 to approx. 2Vpp) RX speaker = ON : Output level follows AF VR knob condition PA = ON : Output level varies by pressing UP/DN keys
23	MMUTO	Output for internal MIC mute condition signal
24	DIMO	Dimmer control input (LCS backlight control) Input voltage to activate Range : +5 to +30V
25	HANGO	Microphone hanger condition signal L= On-hook