

Interfacing the Icom RP-4020 to the SRS control system



(Rear panel view)

RCB DB-9 Radio Connector

CAUTION: DO NOT short pin 7 to ground as this can damage the internal regulator or DC line fuse.

- Ground – DB9 Pin 3 →
- PTT – DB9 Pin 4 →
- Tx Audio – DB9 Pin 5 →
- Rx Audio – DB9 Pin 1 →
- COR – DB9 Pin 2 →

PIN NO.	PIN NAME	DESCRIPTION	SPECIFICATIONS
1	NC	No connection.	
2	GND	Connects to ground.	
3	SEND	Input/Output pin. When grounded, transmits.	Grounded level : - 0.5 ~ +0.8 V Input current : Less than 20 mA
4	MOD	External modulator input.	Input imp. : 10 kΩ Input level : Approx. 500 mVrms
5	AF	Fixed AF output regardless of [VOLUME].	Output imp.: 1.5 kΩ Output level : Max. 85 mVrms
6	SQLS	Squelch output. Goes to ground when squelch opens.	Squelch open : Less than 0.3 V/5 mA Squelch closed : More than 6.0 V/100 μA
7	13.8 V	13.8 V output.	Output current : Max. 1 A
8	NC	No connection.	