

Tait Orca Car Kit - DB25F Pin Assignments

Pin	Signal (Vehicle Kit)	Description
1	GND	Signal Ground.
2	RX-IN	RS-232 Receive Data.
3	TX-OUT	RS-232 Transmit Data.
4	n/c	
5	BUSY	Radio Receiving. Low = Busy (Including beeps.)
6	AUDIO-OUT	Single ended audio. (Zout = 3k; AC coupled)
7	GND	Signal Ground.
8	EXT-MIC	Microphone input. (Zin = 1k)
9	MOD-AUDIO	To Modulator.
10	EXT-PTT	PTT and function buttons. (Low = PTT)
11	SPKR-OFF	Turns radio and external speaker off.
12	RX-DET-AF	Detected Receive Audio. (Unmuted)
13	GND	Signal Ground.
14	+5VUNSW	+5V Power. (25 mA max)
15	+7V5-ACC	+7.5V from radio. (25 mA max)
16	SENSE-0	Radio internal speaker control. (Low = off)
17	SENSE-1	
18	SPKR+	Balanced Output from Audio PA.
19	SPKR-	Balanced Output from Audio PA.
20	n/c	
21	n/c	
22	n/c	
23	n/c	
24	LVSD	Low Voltage Shut Down.
25	+13V8FILT	+13.8V Power. (500 mA max)