1.1 TomTom GO docking connector

1.1.1 Docking Connector #1 pinout

Pin	Signal	Dir	Type	Description
1	GND	-	-	Signal and power GND
2	GND	-	-	
3	DOCKSNS1	I/P	PU	Docking Station Sense [0,1] – These signals are connected to pull-up resistors within the unit. The Docking Station pulls either or both of these signals to GND to indicate the presence and type of Docking Station. (See section 8.1.3)
4	DOCKSNS0	I/P	PU	
5	AUDIOL	O/P		Audio line outputs (Left and Right) to connect to car audio system.
6	AUDIOR	O/P		
7	MUTE	O/P	O/D	The unit pulls this line to GND to signal the car audio system to mute itself while the unit is issuing a voice command.
8	IGNITION	I/P	PD	Ignition sense.
9	DOCKPWR	I/P	PWR	+5V power from the Docking Station to simultaneously power the unit and charge the battery.
10	DOCKPWR	I/P	PWR	

PWR Power connection
O/D Open-Drain output
PU Pull-Up resistor within the unit
PD Pull-Down resistor within the unit

1.1.2 Docking Connector #2 pinout

Pin	Signal	Dir	Type	Description
1	TXD	O/P	UART	3V logic level UART signals
2	RXD	I/P	UART	
3	RTS	O/P	UART	
4	CTS	I/P	UART	
5	GND	-	PWR	
6	TEST0	-		Production test signals. Do not use.
7	TEST1	-		
8	TEST2	-		
9	TEST3	-		
10	TEST4	-		