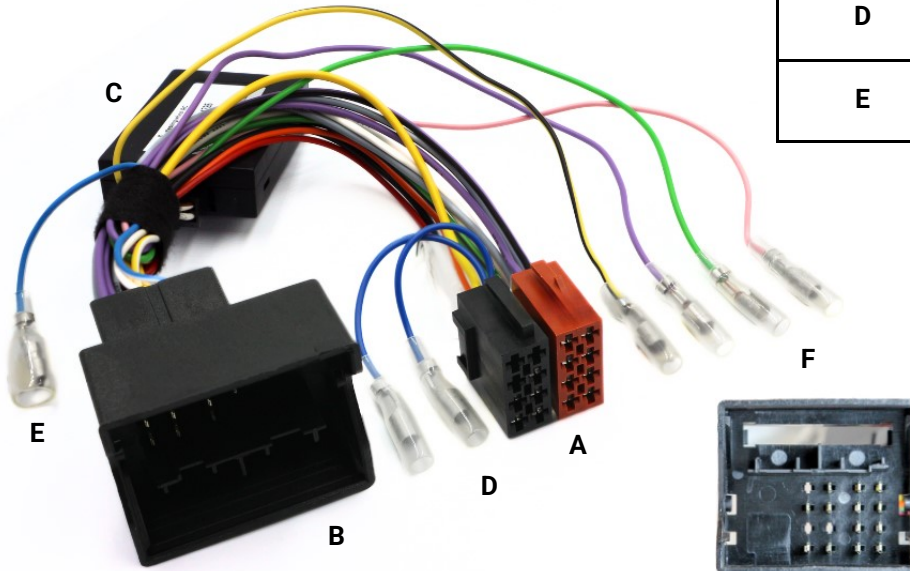**InCarTec**

Compatibility

Compatible with Porsche cars with CAN bus and Quadlock connectors behind the radio.

PLEASE NOTE: This interface is for vehicles with standard audio systems. Cars with amplifiers may require an additional amplifier interface or bypass.

A	**Male ISO Connectors**
B	**Quadlock Connector**
C	**Steering Wheel Control Module**
D	**Loose 'RemoteTurn-On' Leads**
E	**Loose Optional Outputs**

Installation

1. Remove the original radio.

2. Connect the male ISO connectors (A) to the new radio

3. Assemble your patch lead (See 49-025 instructions on how to do this)

PLEASE NOTE: The 49-025 patch lead is not suitable for Chinese branded sets and other radios that use resistive programming steering controls. Please use a InCarTec 49-000 patch lead for these.

4. Attach the patch lead between the steering wheel control interface (C) and the steering wheel control connection on the new radio.

5. Connect the quadlock connector (B) to the connection for the original radio in the vehicle.

PLEASE NOTE: There may be additional pins in the original connector that do not match the ones on this ISO. These are not required after the radio is changed

6. With the vehicles ignition on, the steering wheel control module (C) will recognise the car and start powering the radio.

7. Loose 'remote turn-on' leads (D) are available to connect amplified adapters or amplifiers.

8. Connect loose Blue (E) to either of the 'remote turn-on' leads (D) if you have an original amplifier

9. 4 optional loose outputs (F) are provided. These are not required for all aftermarket head units

Colour	Output	Typical Usage
Pink	Speedpulse	Radios with inbuilt GPS, for accurate speed measurement
Purple	Reverse	Switches the radio to reverse camera view automatically
Green	Handbrake	Only allows use of some features when handbrake is applied
Yellow/Black	Mute	Mutes the radio when parking sensors are active

Why do I need a patch lead?

A patch lead is required so that the interface can output the steering wheel controls in a way that the new radio can understand. The exact patch lead required depends on the new radio being fitted. Please refer to the universal patch lead instructions (49-025) on how to do this.

Compatible Steering Wheel Controls

Please see below the steering wheel controls that are compatible with this interface and how they will be configured with the aftermarket radio.

PLEASE NOTE: Phone and voice buttons will only work on compatible radios.

Steering wheel type 1:

Steering wheel type 2:

Steering wheel button type 1		Steering wheel button type 2		Symbol	Function
1	Up	-		+	Volume +
1	Down	-		–	Volume –
1	Simple press	2	Simple press	SRC	Source
2	Simple press	1	Simple press	▲	title +
4	Long press	-		▼	title -
3	Long press	-		🕽	push to talk (PTT)
3	Simple press	-		📞	accept call
4	Simple press	-		☎	reject call
1	Long press	-		MUTE	mute
1	Double click	2	Long press		