InCarTec

Nissan Visia Models without OEM navigation
Pulsar (14-18)
Qashqai (13-20)
Xtrail (17-20)

1	2	3	4	5	6	7
8	9	10	11	12	13	14

1. N/A		8. Black	SWC Ground Output
2. Green	CAN HIGH	9. White	CAN LOW
3. N/A		10. N/A	
4. Brown	SWC Data Output	11. N/A	
5. N/A		12. Purple	SWC RES Output
6. N/A		13. N/A	
7. Yellow	12v Permanent Input	14. Black	Ground Input

1. Connect the cables to the interface box and to the car, and the patch lead to the 4 pole black connector (this is attached to pins 4, 8 and 12 of the control box). Connect the two 8 pin ISO connectors and the patch lead to the aftermarket head-unit.
When connected to the car the interface will automatically recognise the vehicle. The green LED on the interface will repeatedly flash once followed by a pause.

2. You need to set the interface to the brand of head unit you are fitting.
The number of flashes between pauses corresponds to the make of head unit, see the table below for the number of flashes needed for each one.
Press the VOL + and VOL - buttons on the cars steering wheel to increase or decrease the number of flashes. When you have the correct number of flashes, press SEEK+ to confirm and the LED will go to a solid green

For Chinese and resistive programming head-units.

Set the number of flashes to 6. Confirm the setting by pressing SEEK+. Now press the reset button 5 times, the interface will start to flash yellow (this allows prolonged pressure on the steering controls). Using the radios resistive learning menu you can now learn and memorize the buttons. Wait at least 5 seconds between each button press. When finished turn the ignition off and on and the LED will go back to solid green.

To reprogram the interface for another head unit brand or if the light is solid green before you have had the chance to set the head -unit brand.

Push the reset button in and keep it pushed in for 10 seconds and then release the button. At this point the LED should start to flash green.

Number of flashes	Make of head unit
1	Clarion 3.5mm jack
2	Kenwood 1 wire
3	JVC 1 wire
4	Alpine 3.5mm
6	Pioneer 3.5mm jack
	Resistive 2 wire
	Resistive 3.5mm jack
7	Sony 3.5mm jack

If fitting an Alpine, please set jumper J1, please see overleaf.

VER 3.0

3. Setting the Jumpers

The Jumpers are on the PCB inside the interface box. By default they are set up to suit most vehicles and should usually only need to be changed if fitting an Alpine head unit. The jumpers are set by moving them between positions 1 and 2 or positions 2 and 3.
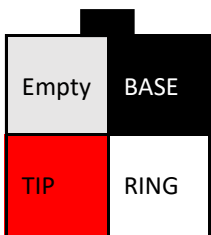
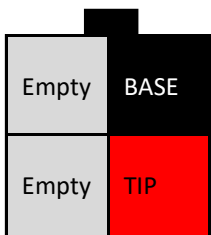|	Position 1-2	Position 2-3
J1	Alpine	All other Radio Manufacturers
J2	Negative Handbrake (not all vehicles)	
J3		Positive Reverse Output
J4		
J5		CANbus Handling

5. The speaker adapter (brown ISO connectors)

If you are not getting phone or navigation audio through the front speakers, add this extra cable to swap the audio output from back to front. This is most often required on cars with original Boston Audio system.

Make sure the patch lead is connected to the 4 pin plug on the interface and the input on the new head unit.
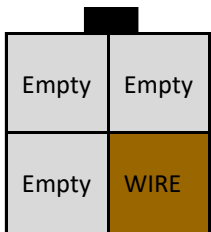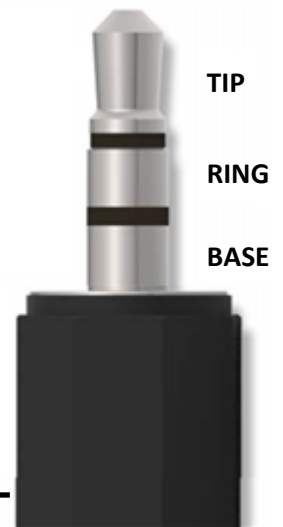**29-UCCAB patch lead wiring information - shown from wire entry side of connector:**

Empty	BASE
TIP	RING

29-UCCAB-001 Alpine (CBL007UNA22)
29-UCCAB-007 Pioneer/Sony (CBL007UNPI12)
BLACK to BASE
WHITE to RING (13.7k resistor inline on 29-UCCAB-001 for Alpine)
RED to TIP

TIP

RING

BASE

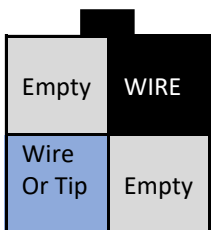| Empty	BASE
Empty	TIP

29-UCCAB-003 Clarion (CBL07UNJV12)
BLACK to BASE
RED to TIP

Connect the 3.5mm jack plug on these patch leads to the SWC or remote input on the after market head unit

Empty	Empty
Empty	WIRE

29-UCCAB-005 Kenwood/JVC (CBL007UNPN21)
BROWN single wire, connect to blue/yellow wire on Kenwood/JVC marked "System Remote Control" or "Steering Wheel Remote Input"

Empty	WIRE
Wire Or Tip	Empty

29-UCCAB-000 or 29-UCCAB-016 Resistive programming and Chinese (CBL007UNCC11)
Connect the two wires (BLACK AND PURPLE) or the 3.5mm jack to the steering wheel control inputs on the head unit. If head unit uses 2 wire system then connect to SWC1 and SWC Ground or KEY1 and KEY Ground wires. The steering wheel controls will need to be programmed into the head unit after setting the number of flashes. See overleaf.