



Pin numbers in the connector

49-Series patch leads are to be used with 49-series steering wheel control interfaces.

They work by using a loop with a resistor from pin 12 to pin 4 to tell the interface what make of head unit is present. The coloured loop wires provided represent the different resistor values.

Pins 2, 7 and 8 are used for the signal from the interface to the head unit. This will be either a 3.5mm jack connector or a single wire, this will depend on the brand of head unit.

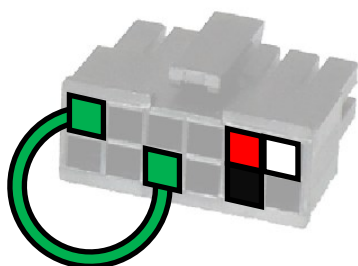
A 3.5mm jack lead and a single wire is provided, use the correct lead for the make of head unit being fitted.

Note the orientation of the terminal to be inserted into the connector.

When the terminals have been inserted they are very difficult to remove, be sure that you are pinning the connector correctly.

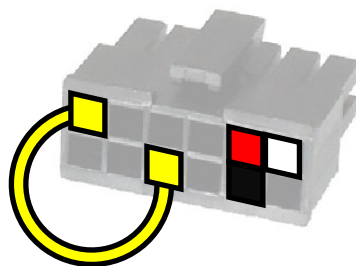
Note: These wiring instructions are for Version 2 cables.

The version of the cable can be identified by looking at the jack connector. See image to the left. Version 1 has a silver tip and Version 2 has a gold tip. The plastic on the jack connector is different too.



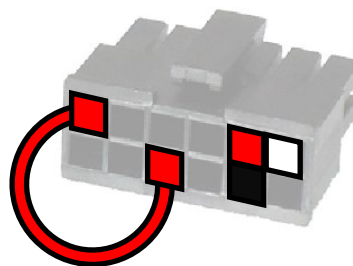
Alpine

Green loop pins 4 and 12
3.5mm jack lead
White pin 7
Red pin 8
Black pin 2



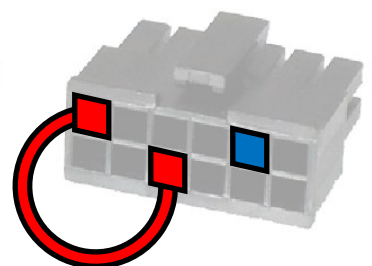
Clarion

Yellow loop pins 4 and 12
3.5mm jack lead
White pin 7
Red pin 8
Black pin 2



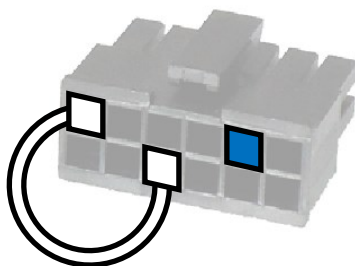
JVC

Red loop pins 4 and 12
3.5mm jack lead
White pin 7
Red pin 8
Black pin 2



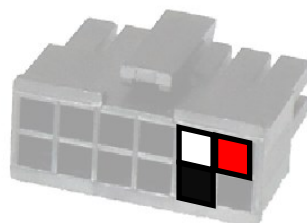
JVC

Red loop pins 4 and 12
Single wire
Blue single wire pin 8



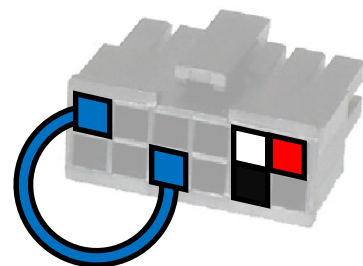
Kenwood

White loop pins 4 and 12
Single wire
Blue single wire pin 8



Pioneer

No loop
3.5mm jack lead
Red pin 7
White pin 8
Black pin 2



Sony

Blue loop pins 4 and 12
3.5mm jack lead
Red pin 7
White pin 8
Black pin 2

Note; the 3.5mm patch lead position for Alpine, Clarion and JVC is different to Pioneer and Sony.