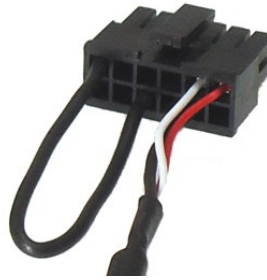


49– series patch lead



Pin numbers in the connector



Example of Alpine patch lead



Example of Kenwood patch lead

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.

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.

Below is a table detailing the resistor values and pin configurations for different head unit models.

Radio brand	Resistor loop value	Pin2	Pin7	Pin8	Connector type
Alpine	0 ohms no resistor	Black / base	Red / mid ring	White / tip	3.5mm jack
Clarion	1.5K ohms	Black / base	Red / mid ring	White / tip	3.5mm jack
JVC	2.9K ohms	Not connected	Not connected	Single wire	Single wire
JVC	2.9K ohms	Black / base	Red / mid ring	White / tip	3.5mm jack
Kenwood	2.2K resistor	Not connected	Not connected	Single wire	Single wire
Pioneer	No loop loop not connected	Black / base	White / tip	Red / mid ring	3.5mm jack
Sony	24K ohms	Black / base	White / tip	Red / mid ring	3.5mm jack