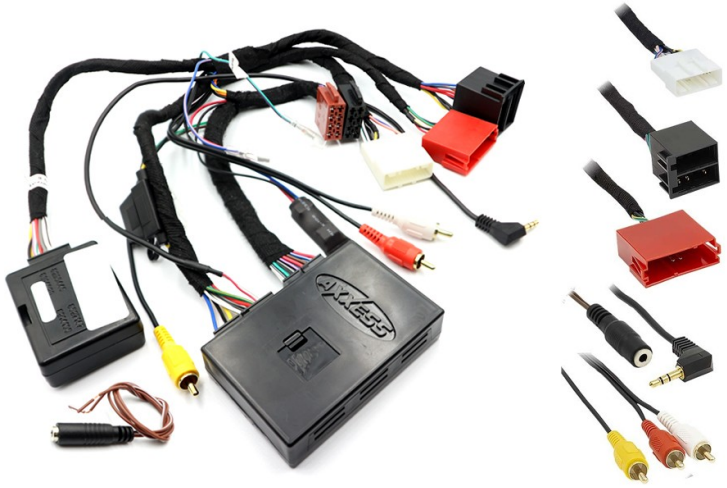


The 23-237-AMP connects with the steering wheel controls and amplifier of the 2010-2016 Kia Sportage and Hyundai ix35 with ISO connections on the OEM radio.

This interface also includes auxillary port retention, reverse signal, speed pulse and parking brake outputs. If the vehicle is equipped with an original reverse camera, this is also retained.
Fade (left-right or front-rear) is not retained.

The aux retention may not work with all vehicles. In this case, use part 24-240 or 24-245 USB adapter.

IMPORTANT: DO NOT CONNECT THE INTERFACE TO THE CAR UNTIL ALL CONNECTIONS TO THE RADIO ARE MADE.

PLEASE NOTE:
Connect the steering wheel control 3.5mm pactch lead or wire(s) before connecting the three plugs to the vehicle. If this is not done, the interface will have to be reset.

CONNECTIONS TO THE NEW RADIO

1.Connect the 14 pin male plug to the amplifier interface AXXESS AXDIS-HK4 amp interface box.

2. Connect the 22 and 16 pin male plugs to the supplied AXXESS AAXDIS-HK4 SWC interface box.

3. Connect the two 8 pin ISO connections (black and brown) to the new radio.

4. If the vehcile is fitted with a factory reverse camera, connect the yellow RCA connection to the reverse camera input on the new radio.

5. If the vehicle is fitted with a factory aux connection, connect the red and white RCAs to the aux inputs on the back of the new radio (if fitted).

6. If required, connect the loose reverse, handbrake and speedpulse output fly leeds to the inputs on the new radio.

CONNECTING THE PATCH LEAD

Pioneer, Sony, Alpine and some other head units use a 3.5mm jack to retain steering wheel controls. If your radio is equipped with a 3.5mm jack (usually labeled remote or SWC, **not AUX**) connect the 3.5mm jack that is hardwired to this interface.

For radios listed below, please add the two wire extension lead, pictured right, to the 3.5mm jack and connect as follows:

Kenwood/JVC; connect the Blue/Yellow system remote control wire to the brown wire.

2 or 3 wire Resistive Programmable Radios; connect SWC1/KEY1 to the brown wire. Connect the second wire, usually labelled SWC2/KEY2 to the brown and white wire. If the radio comes with a third steering wheel control wire for ground/SWC ground then disregard this connection. Once the interface has been programmed to the vehicle, refer to the manual for the radio for how to programme and assign the steering wheel controls.

Do not connect the interface to the vehicle yet! Move to programming the interface overleaf.

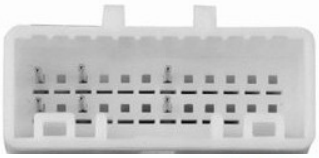
RESETTING THE INTERFACE

If the interface has already been connected to the car then it will need to be reset. Press and hold the blue button between the two connections on the AXXESS box for two seconds. The interface does not need to be opened.

IMPORTANT: DO NOT CONNECT THE INTERFACE TO THE CAR UNTIL ALL CONNECTIONS TO THE RADIO ARE MADE.
Please see overleaf for connections to the radio and how to reset the interface if it has already been connected to the car.

PROGRAMMING THE INTERFACE

Start the vehicle



Connect the interface to the vehicle (red, white and black connectors, right) **WITH THE VEHICLE RUNNING.**

The LED within the interface will flash red up to 18 times (this can be seen without opening the interface) indicating what type of radio is connected, and then turn off for a couple of seconds. Pay attention to how many red flashes there are and make a note of it. This will help in troubleshooting if the radio is not properly detected.

After a couple of seconds, the LED will turn solid red and the radio will shut down while the interface auto-detects the vehicle. This should take between 5 and 30 seconds, before turning green and the radio will turn on.

To adjust the audio level, set the new radio to 3/4 volume and, with a small flat blade screw driver, adjust the tuning pot on the side of the interface clockwise to raise the volume and counter clockwise to lower. Setting it too high can cause distortion.

Test all functions before completing the installation and reassembling the dashboard.

TROUBLESHOOTING

When initially connected, the red LED will flash 18 times depending on the brand of radio connected. If the radio is incorrectly detected then this can be manually changed. Below is a table showing the brand of radio and corresponding number of flashes:

1 Flash	Eclipse (Type 1)	10 Flashes	Clarion (Type 2)
2 Flashes	Kenwood	11 Flashes	N/A
3 Flashes	Clarion (Type 1)	12 Flashes	Eclipse (Type 2)
4 Flashes	Sony	13 Flashes	LG
5 Flashes	JVC	14 Flashes	N/A
6 Flashes	Pioneer	15 Flashes	XITE
7 Flashes	Alpine	16 Flashes	Philips
8 Flashes	Visteon	17 Flashes	TBD
9 Flashes	Valour	18 Flashes	JBL

If the LED flashes red 7 times and you don't have an Alpine radio connected then it does not detect a radio connected to it. Check that the 3.5mm jack or connections made with the 2 wires are secure. If the flashes are otherwise incorrect then change the radio type manually:

NOTE: Resistive learning radios will need to be programmed via the radio and steering wheel controls won't work until this is completed.

To change the radio type, 3 seconds after turning the key on, press and hold the volume down button until the LED on the interface glows solid. Release the volume down button and the LED will go out, ready to change the radio type.

Press and hold volume up button until the LED glows solid and then release, repeat this until you have reached the number of LED flashes for the radio that you have fitted. Once the desired number has been reached, press and hold volume down until the LED glows solid, release and it will remain lit for 3 seconds while it stores the radio information. Once the LED has turned off, test the steering wheel controls.

If the problem persists, reset the interface as detailed overleaf, disconnect it from the vehicle and start the programming process again.