AXXESS®

AXDIS-LR92

INSTALLATION INSTRUCTIONS

Land Rover **LR3** 2005-2009[†]
Land Rover **Range Rover Sport*** 2006-2009[†]

(For vehicles with M.O.S.T. amplifiers)

* 1st gen no time retention
[†] NAV screen will only show LR logo

INTERFACE FEATURES

- Provides accessory power
- Retains R.A.P. (retained accessory power)
- Designed for amplified models
- Provides NAV outputs (parking brake, reverse, speed sense)
- Retains audio controls on the steering wheel
- USB Micro B updatable

TABLE OF CONTENTS

TOOLS REQUIRED

- Wire cutter
- Crimp tool and connectors
  (example: butt-connectors, bell caps, etc.)

or

- Solder gun, solder, heat shrink
- Tape
- Zip-ties

ATTENTION: With the key out of the ignition, disconnect the negative battery terminal before installing this product. Ensure that all installation connections are secure before cycling the ignition to test this product. NOTE: Refer to the instructions included with the aftermarket radio.

INTERFACE COMPONENTS

- AXDIS-LR92 harness
- AXDIS-LR92 interface
- AXDIS-LR92 amplifier interface
- AXSWC harness
- AXSWC interface
- Female 3.5mm connector with stripped leads

CONNECTIONS

From the aftermarket radio to the AXDIS-LR92 harness, connect as indicated:

- **Black** wire to the ground wire.
- **Yellow** wire to the battery wire.
- **Red** wire to the accessory wire.
- **Orange** wire to the illumination wire (if applicable).
- **Blue** wire to the power antenna turn-on wire.

The following (3) wires are only for multimedia/navigation radios that require these wires.

- **Blue/Pink** wire to the VSS/speed sense wire.
- **Green/Purple** wire to the reverse wire.
- **Light Green** wire to the parking brake wire.
- **Red** and **White** RCA jacks labeled “FRONT LEFT” and “FRONT RIGHT” to the full range front amplifier output jacks.

From the aftermarket radio to the AXSWC harness:

This harness is only to be used if the vehicle is equipped with steering wheel controls.

- Connect the **Red** wire to the accessory wire.

3.5mm jack - Steering Wheel Control retention: The 3.5mm jack is to be used to retain audio controls on the steering wheel control.

For the radios listed below: Connect the female **3.5mm connector** with stripped leads to the male 3.5mm SWC jack from the **AXSWC harness**. Tape off and disregard remaining wires.

- **Eclipse:** Connect the SWC wire, **Brown** to the **Brown/White** wire of the connector. Then connect the remaining SWC wire, **Brown/White** to the **Brown** wire of the connector.
- **Metra OE:** Connect the SWC *(Key 1)* wire **Gray** to the **Brown** wire.
- **Kenwood** or **select JVC** with a SWC wire: Connect the **Blue/Yellow** wire to the **Brown** wire. **Note:** If the Kenwood radio auto detects as a **JVC**, manually set the radio type to **Kenwood**. See the instructions under Changing Radio Type.
- **XITE:** Connect the SWC *(SWC-2)* wire from the radio to the **Brown** wire.
- **Parrot Asteroid Smart or Tablet:** Connect the 3.5mm jack into the **AXSWCH-PAR** (sold separately), and then connect the 4-pin connector from the **AXSWCH-PAR** into the radio. **Note:** The radio must be updated to rev. 2.1.4 or higher software.
- **Universal “2 or 3 wire” radio:** Connect the SWC wire, *(Key-A or SWC-1)* to the **Brown** wire of the connector. Then connect the remaining SWC wire, *(Key-B or SWC-2)* to the **Brown/White** wire of the connector. If the radio comes with a third wire for ground, disregard this wire. **Note:** After the interface has been programmed to the vehicle, refer to the manual provided with the radio for assigning the SWC buttons. Contact the radio manufacturer for more information.

For all other radios: Connect the 3.5mm jack from the AXSWC harness into the port on the aftermarket radio designated for an external SWC interface. Refer to the manual provided with the radio, if in doubt as to where the 3.5mm jack should connect.

INSTALLATION

Installing the AXDIS-LR92 interface

With the key in the off position:

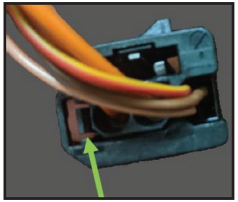
- Connect the AXDIS-LR92 harness to the AXDIS-LR92 interface.
- Connect the AXDIS-LR92 harness to the AXDIS-LR92 amplifier interface.
- Connect the AXSWC harness to the AXSWC interface.
- Connect the AXSWC harness to the AXDIS-LR92 interface.
- Connect the AXDIS-LR92 harness to the wiring harness in the vehicle.

Installing the Fiber Optic Cable:

Removal of the original fiber optic connection is required to adapt to the Media Oriented System Transport (MOST) interface.

- Seat the **AXDIS-LR92** amplifier interface in the black connector housing provided with this kit and snap the housing in place. (Figure A)
- From the original Fiber Optic Connector: Using a pick tool, carefully pull the tab indicated towards the outside edge of the connector housing. Gently remove the fiber optic insert from the connector. (Figure B)
- From the MOST Interface: Push the tab toward the gray dust cover and, using a needle nose plier, remove the dust cover. Replace the gray connector with the factory fiber optic cables into the MOST interface's black connector housing. (Figure C)

(Figure A)



(Figure B)

(Figure C)

Programming the AXSWC Interface

1. Press and hold the **Volume Up** button on the steering wheel.
2. Turn the ignition on. The **L.E.D.** in the **AXSWC interface** will start flashing rapidly, as the **AXSWC interface** searches for the auto manufacturer.
3. After a few seconds the **L.E.D.** should stop flashing rapidly, then go out for approximately (2) seconds.
   Note: If the **L.E.D.** did not start flashing rapidly, press the reset button for (3) seconds, while still holding the **Volume Up** button.
4. After that (2) seconds there will be a series of (7) **Green** flashes, some short, and some long. The long flashes represent the wires that are connected from the vehicle to the **AXSWC interface**. The 3rd, 4th, 5th, and 6th flashes should be longer.
5. The **L.E.D.** will pause for another (2) seconds, then begin flashing **Red** (up to 23 times) as the **AXSWC interface** locates the aftermarket radio installed. Refer to the **L.E.D. Feedback Legend** for the number of times the light should flash for the radio installed.
6. This is the end of the auto detection stage. If the **AXSWC interface** detected the vehicle and radio successfully, the **L.E.D.** will light up solid **Red**. If not, refer to the troubleshooting documents available at axxessinterfaces.com.
7. Release the **Volume Up** button. Test all functions of the installation for proper operation before reassembling the dash. Refer to the **Steering Wheel Control** documents available at axxessinterfaces.com for customizing the buttons, if so desired.

L.E.D. Feedback: The (23) **Red L.E.D.** flashes represent a different radio manufacturer for the **AXSWC interface** to detect. For example, if you are installing a **JVC** radio, the **AXSWC interface** will flash **Red** (5) times, then stop. Following is the **L.E.D Feedback Legend**, which indicates the flash count of the radio manufacturer

L.E.D. Feedback Legend

Flash Count	Radio
1	Eclipse (type 1) †
2	Kenwood ‡
3	Clarion (type 1) †
4	Sony / Dual
5	JVC
6	Pioneer / Jensen
7	Alpine *
8	Visteon
9	Valor
10	Clarion (type 2) †
11	Metra OE
12	Eclipse (type 2) †

Flash Count	Radio
13	LG
14	Parrot **
15	XITE
16	Philips
17	TBA
18	JBL
19	Insane
20	Magnadyne
21	Boss
22	Axxera
23	Axxerra (type 2)

KEYNOTES

* If the **AXSWC interface** flashes **Red** (7) times, and an **Alpine** radio is not installed, that means there is an open connection not accounted for. Verify that the 3.5mm jack is connected to the correct steering wheel jack/wire in the radio.

** The **AXSWCH-PAR** is required (sold separately). Also, the software in the radio must be rev. 2.1.4 or higher.

† If a **Clarion** or **Eclipse** radio is installed and the steering wheel controls do not function, change the radio to **Clarion (type 2)** or **Eclipse (type 2)** respectively. If the steering wheel controls still do not function, refer to the **Changing Radio Type** document available at axxessinterfaces.com.

‡ If a **Kenwood** radio is installed and the L.E.D. feedback flashes (5) times instead of (2), manually change the radio type to **Kenwood.** To do this, refer to the **Changing Radio Type** document available at axxessinterfaces.com.

Having difficulties? We're here to help.

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