



## INTERFACE COMPONENTS

- AXDIS-HK3BT interface
- LD-HYKIA4-SWC harness
- LD-2NAVAMPL harness
- Female 3.5mm jack
- AXCSD-6V

## TOOLS REQUIRED

- Crimping tool and connectors, or solder gun, solder, and heat shrink
- Tape
- Wire cutter
- Zip ties
- Small flat-blade screwdriver

## OPTIONAL ACCESSORIES (sold separately)

SPDiF Interface: AXSP-HK interface

## APPLICATIONS (see inside front cover)

## Radio Replacement Data Interface with SWC

### Fits Select Hyundai/Kia Models 2017-2022

Visit [AxxessInterfaces.com](http://AxxessInterfaces.com) for more detailed information about the product and up-to-date vehicle specific applications

## INTERFACE FEATURES

- Designed for amplified and non-amplified models
- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (Retained Accessory Power)
- Provides NAV outputs (parking brake, reverse, speed sense)
- Retains audio controls on the steering wheel
- Retains the factory 3.5mm AUX-IN jack

*Features continued on next page*

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[www.MetraOnline.com](http://www.MetraOnline.com)

Product Info



For **Dash Disassembly Instructions**, refer to [MetraOnline.com](http://MetraOnline.com). Enter the year, make, and model of the vehicle in the **Vehicle Fit Guide** for **Radio Install kits**.

**ATTENTION:** With the key out of the ignition, disconnect the negative battery terminal before installing this product. Ensure that all installation connections, especially the air bag indicator lights, are plugged in before reconnecting the battery or cycling the ignition to test this product.

**NOTE:** Refer also to the instructions included with the aftermarket radio.

## APPLICATIONS

### Hyundai

Accent (7" Touchscreen) .....	2018-2019
Elantra (7" Touchscreen) .....	2019-2020
Elantra (7" Touchscreen Non-NAV).....	2017-2018
Elantra GT .....	2018
Ioniq (Non-NAV).....	2018-2019
Kona.....	2018-2022

Santa Fe / Sport .....	2019
Sonata (Nav) .....	2018
Sonata (7" Touchscreen Non-NAV).....	2017
Veloster (Non-NAV).....	2017

### Kia

Forte.....	2019
Forte / Forte 5 (7" Touch Non-NAV).....	2017-2018
Optima(Non-NAV Manual Climate Screen) ....	2019
Rio / Rio 5-door (7" Touchscreen) .....	2018
Sedona (7" Touchscreen Non-NAV).....	2017-2018
Seltos .....	2021
Sorento (7" Touchscreen Non-NAV) .....	2019

## FEATURES *CONT.*

- Retains balance and fade (excludes amplified models)
- Includes 12-volt to 6-volt step-down (AXCSD-6V) to allow for the retention of the factory backup camera
- Retains and controls personalization settings via Bluetooth® wireless technology when used with the free downloadable AX-CUSTOM-BT app for smartphones and tablets
- Micro "B" USB updatable

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## CONNECTIONS

### 3.5mm jack steering wheel control retention:

The 3.5mm jack is to be used to retain audio controls on the steering wheel controls.

For the radios listed below: Connect the female 3.5mm connector with stripped leads, to the male 3.5mm SWC jack from the AXDIS-HK3 harness. Any remaining wires tape off and disregard.

- **Eclipse:** Connect the steering wheel control wire, normally **Brown**, to the **Brown/White** wire of the connector. Then connect the remaining steering wheel control wire, normally **Brown/White**, to the **Brown** wire of the connector.
- **Metra OE:** Connect the steering wheel control Key 1 wire (**Gray**) to the **Brown** wire.
- **Kenwood or select JVC with a steering wheel control 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 steering wheel control SWC-2 wire from the radio to the **Brown** wire.
- **Parrot Asteroid Smartphone 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.

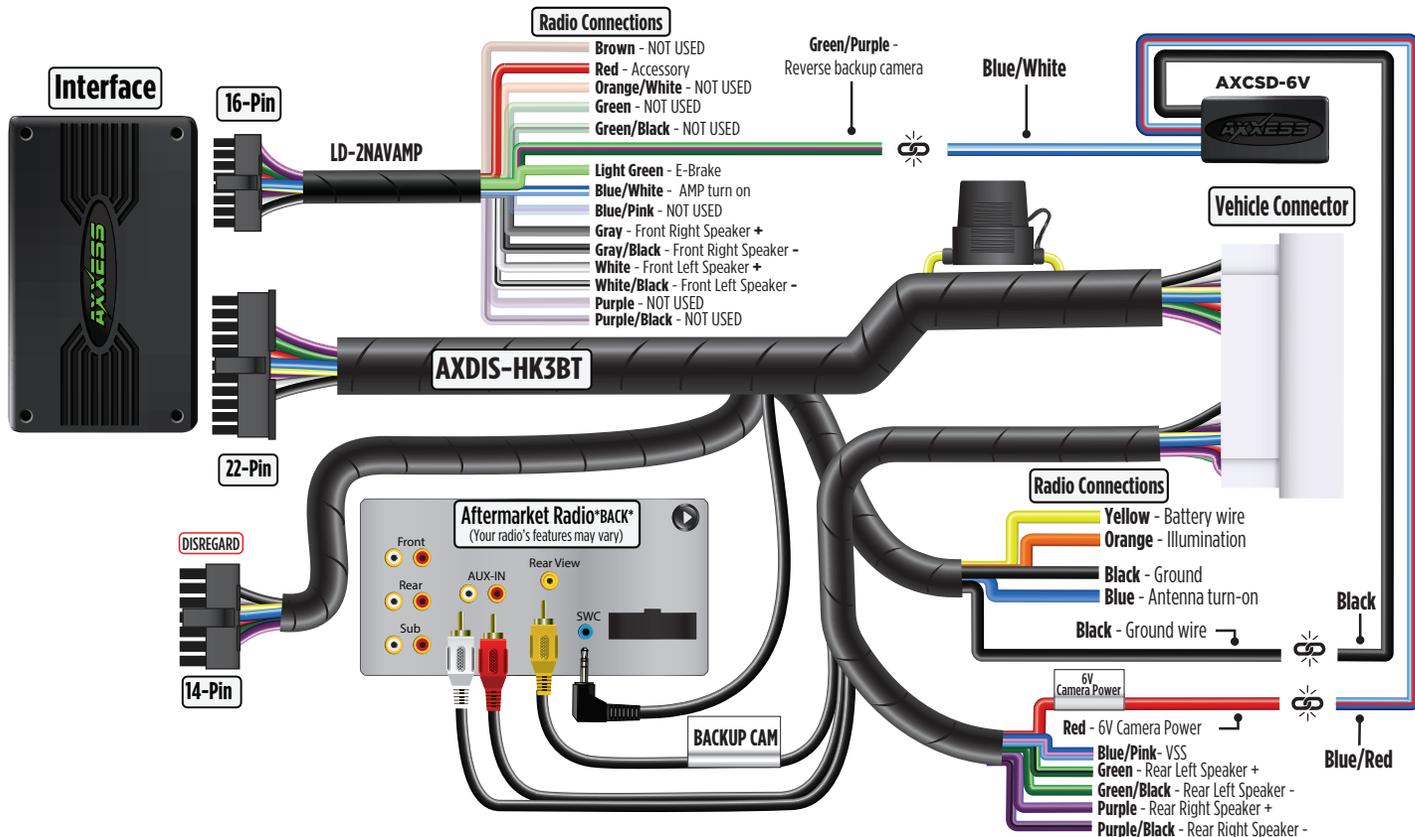
**Note:** The radio must be updated to rev. 2.1.4 or higher software.

- **Universal “2 or 3 wire” radio:** Connect the steering wheel control wire, referred to as Key-A or SWC-1, to the **Brown** wire from the connector. Then connect the remaining steering wheel control wire, referred to as Key-B or SWC-2, to the **Brown/White** wire from the connector. If the radio comes with a third wire for ground, disregard this wire.

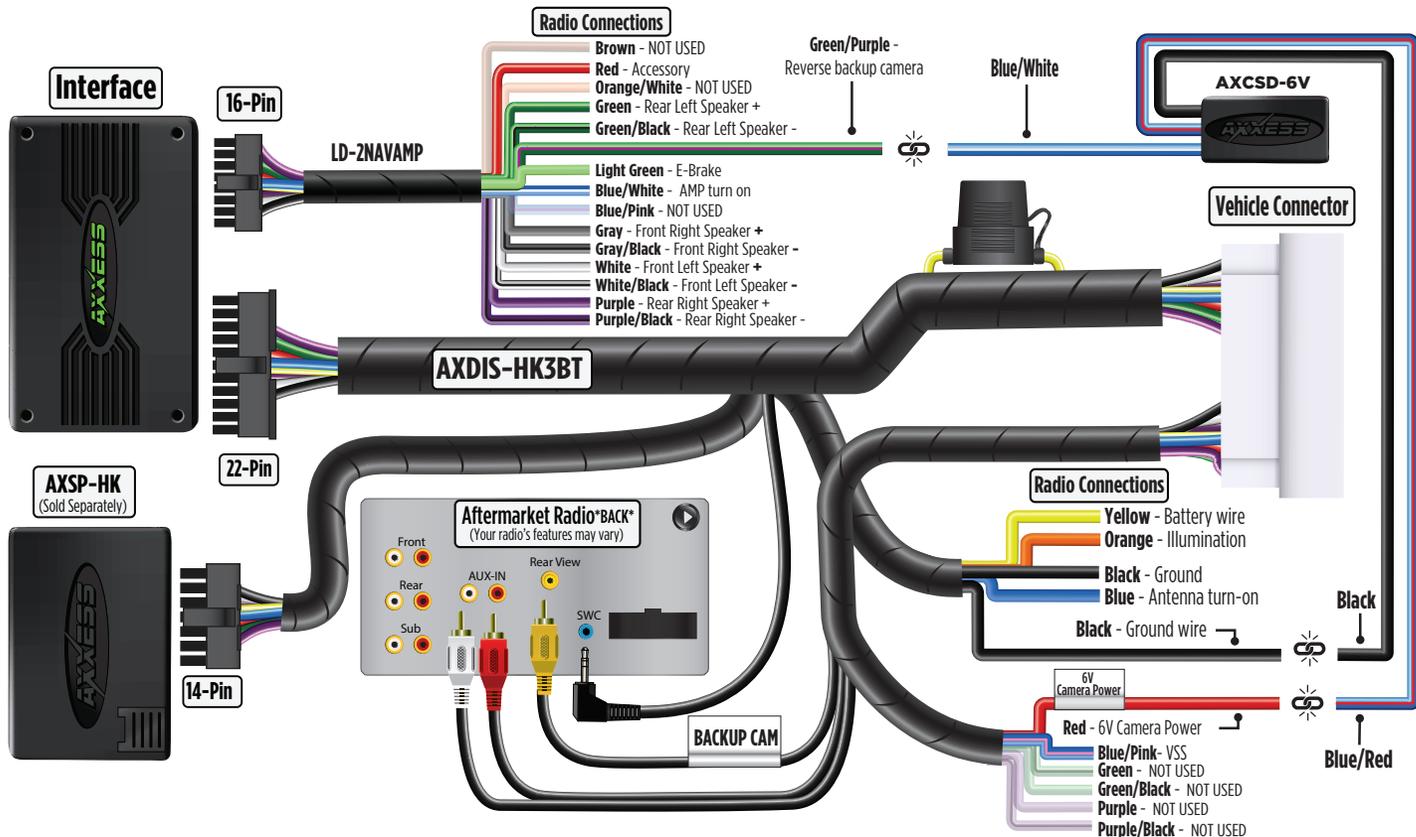
**NOTE:** After the interface has been programmed to the vehicle, refer to the manual provided with the radio for assigning the SWC buttons. Contact the radio manufacturer for more information.

**For all other radios:** Connect the 3.5mm jack of the LD-HYKIA4-SWC to the jack on the radio designated for an external steering wheel control interface. Please refer to the aftermarket radio's manual if in doubt as to where the 3.5mm jack goes to.

# CONNECTIONS: LD-HYKIA4-SWC/NON-AMPLIFIED



# CONNECTIONS: LD-HYKIA4-SWC/AMPLIFIED



## INSTALLATION

**With the key in the off position:**

1. Connect the **16-pin harness with stripped leads**, and the **AXDIS-HK3BT harness**, into the **AXDIS-HK3BT interface**.

**Attention!** Do not connect the **AXDIS-HK3BT harness** to the wiring harness in the vehicle just yet.

**Attention!** If retaining steering wheel controls, ensure that the jack/wire is connected to the radio before proceeding. If this step is skipped, the **AXDIS-HK3BT interface** will need to be reset for the steering wheel controls to function.

## PROGRAMMING

For the steps below, the LED located inside the **AXDIS-HK3BT interface** can only be seen while active. The interface does not need to be opened to see the LED.

1. Start the vehicle.
2. Connect the **AXDIS-HK3BT harness** to the wiring harness in the vehicle.
3. The LED will initially turn on solid **Green**, then turn off for a few seconds while it auto detects the radio installed.
4. The LED will then flash **Red** up to (24) times indicating which radio is connected to the interface, and then turn off for a couple of seconds. Pay close attention to how many **Red** flashes there are. This will help in troubleshooting, if need be. Refer to the **LED feedback** section for more information.
5. After a couple seconds the LED will turn on solid **Red** while the interface auto detects the vehicle. The radio will shut off at this point. This process should take 5 to 30 seconds.
6. Once the vehicle has been auto detected by the interface, the LED will turn on solid **Green**, and the radio will come back on, indicating programming was successful.
7. Cycle the key off, then back on. If the driver's door is closed, open and close the door.
8. Test all functions of the installation for proper operation, before reassembling the dash.
9. If the interface fails to function, refer to the **Troubleshooting** section.

**Note:** The LED will turn on solid **Green** for a moment, and then turn off under normal operation after the key has been cycled.

## AUDIO LEVEL ADJUSTMENT

### AMPLIFIED MODELS ONLY:

1. With the vehicle and radio turned on, turn the volume up  $\frac{3}{4}$  of the way.
2. With a small flat-blade screwdriver, adjust the potentiometer clockwise to raise the audio level; counter clockwise to lower the audio level.
3. Once at a desired level, audio adjustment is complete.

## RADIO LED FEEDBACK

RADIO	LED PATTERN	
PIONEER/JENSEN	G	
JVC	R	
KENWOOD	GG	
SONY/DUAL	GR	
Reserved for future use	RG	
ALPINE	RR	
ALPINE (type 2)	GGG	
AXXERA	GGR	
AXXERA (type 2)	GRG	
MAGNADYNE	GRR	

- 1) If the LED pattern shows **JVC**, but a **JVC** radio isn't installed, change the radio type to Kenwood. Refer to the **Changing Radio Type** document.
- 2) If the LED pattern shows **Alpine**, but an **Alpine** radio isn't installed, make sure the 3.5mm jack is plugged into the radio.
- 3) If no SWC, change the radio type to the opposite radio type. Refer to the **Changing Radio Type** document
- 4) **AX-SWC-PARROT** required (sold separately). The software in the radio must be rev. 2.1.4 or higher.

RADIO	LED PATTERN	
BOSS	RGG	
Reserved for future use	RGR	
CLARION (type 1)	RRG	
CLARION (type 2)	RRR	
Reserved for future use	GGGG	
Reserved for future use	GGGR	
Reserved for future use	GGRG	
Reserved for future use	GRRR	
Reserved for future use	GRGG	
Reserved for future use	GRGR	
Resistive Radio #1	GRRG	
Resistive Radio #2	GRRR	
Resistive Radio #3	RGGG	
Resistive Radio #4	RGRR	
Resistive Radio #5	RGRG	
Resistive Radio #6	RRRR	

# APP INSTRUCTIONS

## Manage Vehicles Screen



(Figure A)

1. Select **Manage Vehicles** by pressing the button in the top right of the screen. (Figure A)
2. Pressing either the Add Vehicle or Edit (pencil icon) button will open the **Configure Vehicle** menu. (Figure B)

Download and install the **AX-CUSTOM-BT** App for your smartphone or tablet.



## Configure Vehicle Screen



(Figure B)

- The name of the vehicle can be changed by pressing the text field.
- The app can automatically detect the interface installed in the vehicle by pressing the **Search** button (magnifying glass).
- The **Make and Model** fields will open a drop down list for the user to select the make and model of the vehicle that the interface is installed in.
- Press the **Save** button to store the changes.

### Resetting the AXDIS-HK3BT

1. The **Blue** reset button is located inside the **AXDIS-HK3BT** interface, between the two connectors. The button is accessible outside the **AXDIS-HK3BT** interface, no need to open the **AXDIS-HK3BT** interface.
2. Press and hold the reset button for two seconds, then let go to reset the **AXDIS-HK3BT** interface.
3. Refer to **Programming** from this point.





# AXDIS-HK3BT

INSTALLATION INSTRUCTIONS



Having difficulties? We're here to help.



Contact our Tech Support line at:

**386-257-1187**



Or via email at:

[techsupport@metra-autosound.com](mailto:techsupport@metra-autosound.com)

### Tech Support Hours (Eastern Standard Time)

Monday - Friday: 9:00 AM - 7:00 PM

Saturday: 10:00 AM - 5:00 PM

Sunday: 10:00 AM - 4:00 PM



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