



INTERFACE COMPONENTS

- AXDIS-HK1 interface
- AXDIS-HK1 harness
- 16-pin harness with stripped leads
- Female 3.5mm connector with stripped leads

TOOLS REQUIRED

- Crimping tool and connectors, or solder gun, solder, and heat shrink • Tape • Wire cutter • Zip ties

APPLICATIONS

See next page

Hyundai/Kia Data Interface with SWC 2011-2016

Visit 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 NAV outputs (parking brake, reverse, speed sense)
- Retains audio controls on the steering wheel
- Retains BlueLink[®]
- Retains balance and fade***
- Micro-B USB updatable

* Requires the AXSP-HK (sold separately)

** Bristol Audio Systems not covered

*** Non-amplified models only

MetraOnline.com may be used to assist with dash assembly instructions. Simply enter your Year, Make, Model vehicle into the vehicle fit guide and look for the Dash Kit Installation Instructions.

www.MetraOnline.com



Product Info



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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

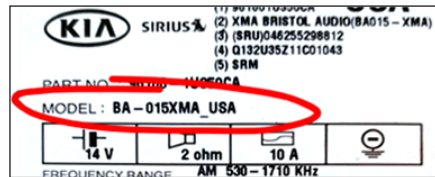
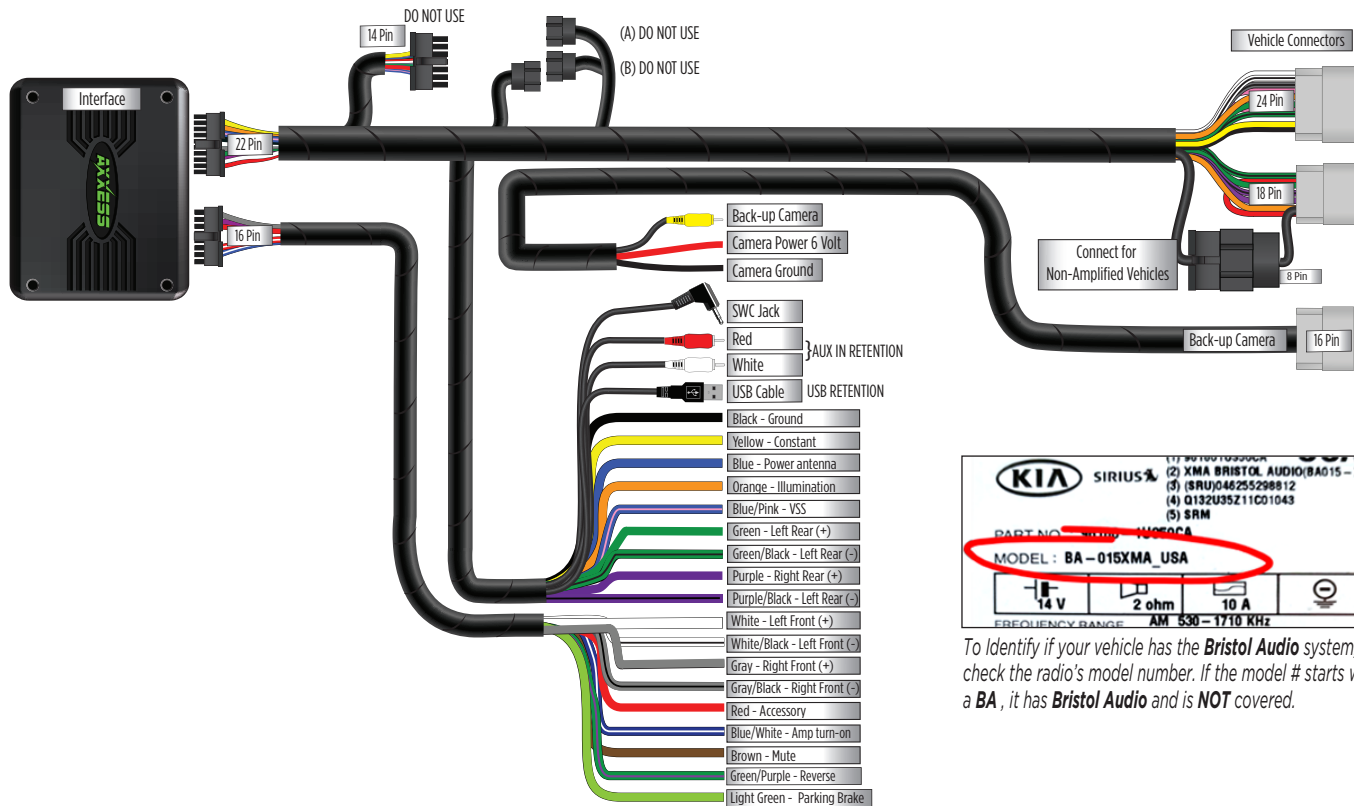
Elantra2014-2016
Elantra (Non-NAV)2011-2013
Genesis Coupe..... 2013
Genesis Coupe (Non-NAV)2013-2016
Santa Fe / Sport (Non-NAV)2013-2016

Sonata..... 2011-2016
Sonata Hybrid (Non-NAV)2011-2015
Tucson (Non-NAV).....2011-2015

KIA

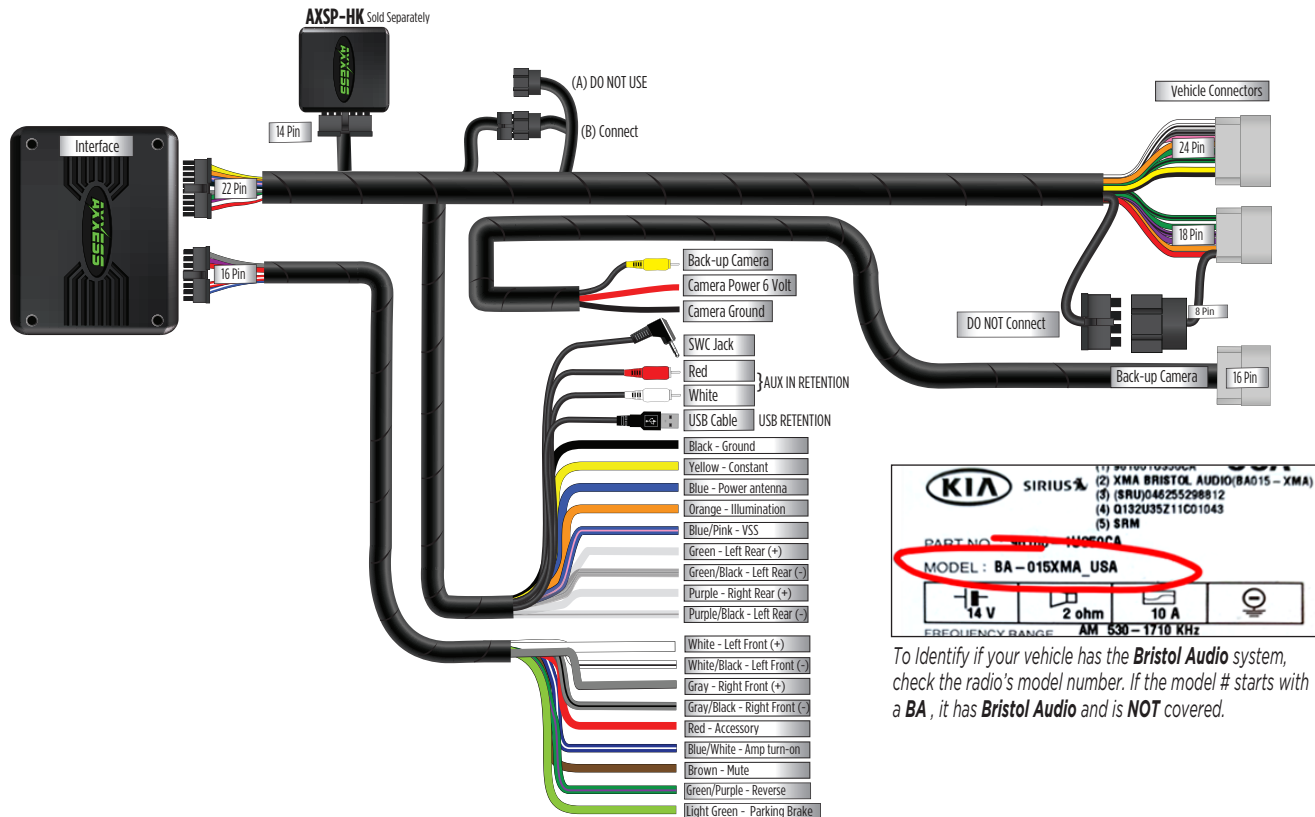
Optima (Non-NAV)2014-2015
Optima.....2011-2013
Sorento (Non-NAV)2014-2016
Sorento (Non-NAV, w/ UVO)2011-2013
Soul (Non-Nav).....2012-2013
Sportage..... 2011-2016

NON-AMPLIFIED VEHICLES



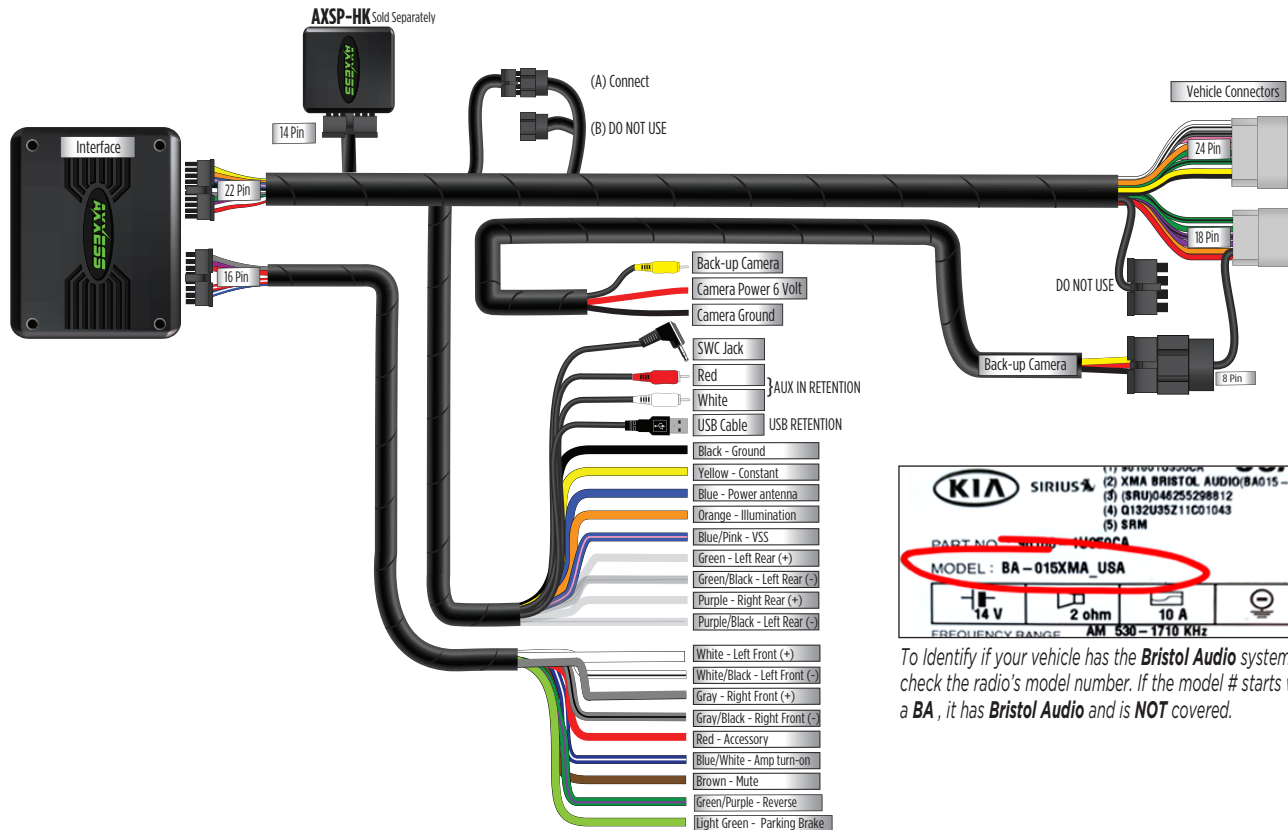
To identify if your vehicle has the **Bristol Audio** system, check the radio's model number. If the model # starts with a **BA**, it has **Bristol Audio** and is **NOT** covered.

AMPLIFIED VEHICLES WITHOUT NAVIGATION



To identify if your vehicle has the **Bristol Audio** system, check the radio's model number. If the model # starts with a **BA**, it has **Bristol Audio** and is **NOT** covered.

AMPLIFIED VEHICLES WITH NAVIGATION



To identify if your vehicle has the **Bristol Audio** system, check the radio's model number. If the model # starts with a **BA**, it has **Bristol Audio** and is **NOT** covered.

INSTALLATION

With the key in the off position:




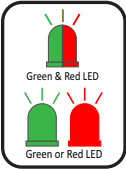
- Connect the **16-pin harness with stripped leads**, and the **AXDIS-HK1 harness**, into the **AXDIS-HK1 Interface**.
- For models equipped with a factory amplifier, connect the **AXSP-HK** (sold separately) to the **AXDIS-HK1 interface**.

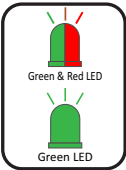



Attention! Do not connect the **AXDIS-HK1 harness** to the vehicle's wiring harness until Step 2 of Programming.

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

PROGRAMMING

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

-  Turn on the vehicle.
-  Connect the **AXDIS-HK1** harness to the wiring harness in the vehicle.
-  The LED will initially turn solid **Green**, then turn off for several seconds, while it auto detects the radio installed.
Note: If the vehicle is Non-Amplified, press and hold VOLUME UP while the Green light is on solid.
-  The LED will then flash **Red** up to (24) times, indicating which radio is connected to the interface, and then turn off for several seconds. The LED will then turn 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. Once the vehicle has been auto detected by the interface, the LED will turn solid **Green**, and the radio will come back on, indicating programming was successful.
- 
 Turn the vehicle off then on again to make sure the programming worked.
-  Test all functions of the installation for proper operation, before reassembling the dash.

STEERING WHEEL CONTROL SETTINGS

LED Feedback: The (24) **Red LED** flashes represent a different radio manufacturer for the **AXXESS steering wheel control interface** (sold separately) to detect. For example, if you are installing a **JVC** radio, the **AXXESS steering wheel control 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.

KEYNOTES

* If the **AXXESS steering wheel control 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 **AX-SWC-PARROT** 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 LED 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.

LED 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)
24	Alpine (type 2)

Continued on the next page

STEERING WHEEL CONTROL SETTINGS *(CONT.)*⁹

Attention: The Axxess Updater App can also be used to program the following (3) sub-sections as well, after the interface has been initialized and programmed.

Changing radio type

If the LED flash count does not match the radio in the Radio Legend, then the **AXDIS-HK1** must be manually programmed:

1. Turn the key to the ignition and after (3) seconds press and hold the Volume-Down button on the steering wheel until the LED in the **AXDIS-HK1** interface turns a solid green.
2. Release the Volume-Down button; the LED will go out indicating the interface is in Changing Radio Type mode.
3. Press and hold the Volume-Up button until the LED turns a solid green and then release. Repeat this step until the number of the radio manufacturer from the Radio Legend is reached.
4. Once the desired radio number has been selected, press and hold the Volume-Down button on the steering wheel until the LED turns a solid green. The LED will remain on for about (3) seconds, while it stores the new radio information.
5. Once the LED goes off, the Changing Radio Type mode will then end. You can now test the steering control wheel controls.

Note: If at any time the user fails to press any button for a period longer than (10) seconds, this process will abort.

Flash Count Radio Legend		
1. Eclipse (type 1)	9. Valor	17. TBD
2. Kenwood	10. Clarion (type 2)	18. JBL
3. Clarion (type 1)	11. Metra OE	19. Insane
4. Sony / Dual	12. Eclipse (type 2)	20. Magnadyne
5. JVC	13. LG	21. Boss
6. Pioneer / Jensen	14. Parrot	22. Axxera
7. Alpine	15. XITE	23. Axxera (type 2)
8. Visteon	16. Philips	24. Alpine (type 2)

Continued on the next page

STEERING WHEEL CONTROL SETTINGS (CONT.)

Remapping the Steering Wheel Control Buttons

Once the **AXDIS-HK1** has been programmed, the button assignment for the steering wheel controls may be reassigned, if so desired. For example, the Seek-Up button can be reprogrammed to be the Mute button. Follow the steps below to remap the steering wheel control buttons:

1. Ensure the **AXDIS-HK1** is visible so you can see the LED flashes to confirm button recognition.
Tip: *Turning the radio off is recommended.*
2. Within the first 20 seconds of turning the ignition on, press and hold the Volume-Up button on the steering wheel until the LED turns a solid green.
3. Release the Volume-Up button, the LED will then go out; The Volume-Up button has now been programmed.
4. Follow the list in the Button Assignment Legend to reference the order in which the steering wheel control buttons need to be programmed.

Note: *If the next function on the list is not on the steering wheel, press the Volume-Up button for (1) second until the LED comes on, and then release the Volume-Up button. This will tell the **AXDIS-HK1** that this function is not available and it will move on to the next function.*

5. To complete the remapping process, press and hold the Volume-Up button on the steering wheel until the LED in the **AXDIS-HK1** goes out.

Button assignment legend

1. Volume-Up	7. Preset-Up	13. On-Hook
2. Volume-Down	8. Preset-Down	14. Off-Hook
3. Seek-Up/Next	9. Power	15. Fan-Up *
4. Seek-Down/Prev	10. Band	16. Fan-Down *
5. Source/Mode	11. Play/Enter	17. Temp-Up *
6. Mute	12. PTT (Push to Talk)	18. Temp-Down *

** Not applicable in this application*

Note: *Some radios may not have these commands. Please refer to the manual provided with the radio, or contact the radio manufacturer for specific commands recognized by that particular radio.*

STEERING WHEEL CONTROL SETTINGS *(CONT.)*

Dual assignment (long button press)

The **AXDIS-HK1** has the capability to assign (2) functions to a single button, except Volume-Up and Volume-Down. Follow the steps below to program the button(s) to the desired setting.

Note: *Seek-Up and Seek-Down come pre-programmed as Preset-Up and Preset-Down for a long button press.*

1. Turn the key to the ignition but do not start the vehicle.
2. Press and hold the desired steering wheel control button for (10) seconds, or until the LED flashes rapidly. At this point release the button; the LED will then turn a solid green.
3. Press and release the Volume-Up button the number of times corresponding to the new button number selected. Refer to the Dual Assignment Legend. The LED will flash rapidly while the Volume-Up button is being pressed, and then go back to a solid LED once released. Proceed to the next step once the Volume-Up button has been pressed the desired number of times.

Caution: *If more than (10) seconds elapses between pressing the Volume-Up button, this procedure will abort, and the LED will go out.*

4. Press the desired button to store it to memory. The LED will now go out indicating the new information has been stored to memory.

Note: *These steps must be repeated for each button desired to assign a dual assignment feature to. To reset a button back to its default state, repeat Step 1, then press the Volume-Down button. The LED will go out, and the dual assignment feature for that button will be erased.*

Dual assignment legend

- | | |
|-------------------|-----------------|
| 1. Not allowed | 10. Band |
| 2. Not allowed | 11. Play/Enter |
| 3. Seek-Up/Next | 12. PTT |
| 4. Seek-Down/Prev | 13. On-Hook |
| 5. Mode/Source | 14. Off-Hook |
| 6. ATT/Mute | 15. Fan-Up * |
| 7. Preset-Up | 16. Fan-Down * |
| 8. Preset-Down | 17. Temp-Up * |
| 9. Power | 18. Temp-Down * |



TROUBLESHOOTING

Resetting

1. The **Blue** reset button is located between the two connectors on the outside of the interface.
2. Press and hold the reset button for 2 seconds, and then let go to reset the interface.
3. Refer to the **Programming** section from this point.

IMPORTANT! If you wire up this interface into a vehicle with **Bristol Audio** your *Brake Light Fuse will blow*. This interface is not designed for Bristol Audio.

Uninstall the interface and replace the brake light fuse.

Having difficulties? We're here to help.



Contact our Tech Support line at:
1-386-257-1187



Or via email at:
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



**Metra recommends MECP
certified technicians**