



## HYBL-03 Hyundai Kia amplified Blue Link interface 2010-up

### FEATURES

- Retains factory Blue link (if equipped)
- Provides navigation outputs
- USB updatable
- Retains fade and balance
- Used with the SPIDIF systems
- Retains factory backup camera
- Retains factory 3.5 mm jack
- High level speaker input
- Prewired ASWC-1 harness included (ASWC-1 sold separately)

### APPLICATIONS

KIA		HYUNDAI	
Sorento (with NAV)	2011-2013	Tucson (with NAV)	2010-2012

### INTERFACE COMPONENTS

- HYBL-03 Interface • 16-pin harness with stripped leads
  - 18-pin to 16-, 20- & 24-pin connector

### TOOLS REQUIRED

- Cutting tool • Tape • Crimping tool
- Connectors (i.e. butt-connectors, bell caps, etc.)

*Caution: Metra recommends disconnecting the negative battery terminal before beginning any installation. All accessories, switches, and especially air bag indicator lights must be plugged in before reconnecting the battery or cycling the ignition.*

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

### CONNECTIONS ON THE INTERFACE

#### From the 16-pin harness with stripped leads:

- Connect the **Red** wires to the ignition wire of the aftermarket radio.
- Connect the **White** wire to the left front positive speaker output of the aftermarket radio.
- Connect the **White/Black** wire to the left front negative speaker output of the aftermarket radio.
- Connect the **Gray** wire to the right front positive speaker output of the aftermarket radio.
- Connect the **Gray/Black** wire to the right front negative speaker output of the aftermarket radio.
- Connect the **Green** wire to the radio's left rear positive speaker output.
- Connect the **Green/Black** wire to the radio's left rear negative speaker output.
- Connect the **Purple** wire to the radio's right rear positive speaker output.
- Connect the **Purple/Black** wire to the radio's right rear negative speaker output.
- Connect the **Blue/White** wire to the radio's amp turn on wire.
- Connect the **Brown** wire to the mute wire of the aftermarket radio.  
If the aftermarket radio does not have a Mute wire, tape up the **Brown** wire.
- Connect the **Light Green** wire to the parking brake wire of the aftermarket navigation radio.
- The **Green/Purple** wire will not be used in this application.
- The **Blue/Pink** wire will not be used in this application.
- The **Orange/White** wire will not be used in this application.

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**CONNECTIONS ON THE INTERFACE** *(continued)***From the 16-pin harness:**

- Connect the **Yellow** wire to the 12-volt constant/battery wire of the aftermarket radio
- Connect the **Black** wire to the ground wire of the aftermarket radio
- Connect the **Blue/Pink** wire to the VSS or speed sense wire of the aftermarket navigation radio.
- Connect the **Green/Purple** wire to the reverse wire of the aftermarket navigation radio.
- Connect the **Orange/White** wire to the illumination wire of the aftermarket radio. If the aftermarket radio has no illumination wire, tape off the **Orange/White** wire.
- Connect the **Blue** wire to the power antenna wire of the aftermarket radio. If the aftermarket radio does not have a power antenna wire tape off the Blue wire.

**From the 20-pin harness:**

- Connect the **White** and **Red** RCA to the aftermarket radios AUX input.

**From the 24-pin harness:**

- Connect the **Yellow** RCA to the video in of the aftermarket radio.

**Installing the HYBL-03**

1. With all the connections completed, plug the 16- and 18-pin harnesses into the HYBL-03.
2. Plug the 24- & 18-pin harness into the vehicle side harness, and plug the aftermarket radio harness into the aftermarket radio.
3. Reconnect the negative battery terminal.
4. Turn the ignition on, but do not start the car.
5. Press and hold the volume up button on the steering wheel for 5 seconds, this will learn BlueLink.
6. If the vehicle came equipped with factory navigation press and hold the mode button on the steering wheel for 5 seconds. (If vehicle did not come equipped with factory navigation, skip this step)

**Testing and adjusting the HYBL-03**

1. Turn the aftermarket radio on.
2. Set potentiometer all the way to the left.
3. Set radio to desired level.
4. Adjust the potentiometer to the right until the radio's audio level is high and free of distortion.
5. Test BlueLink.
6. Reassemble dash and enjoy your new radio.

**Additional 12-pin harness (ASWC-1 harness)**

This 12-pin harness is to be used in conjunction with the ASWC-1 (not included). Please refer to ASWC-1 instructions for programming.