

HYBL-04 Hyundai/Kia SPIDIF amplifier/Blue Link interface 2010-up

FEATURES

- Retains factory Blue link
- Provides navigation outputs
- USB updatable
- Retains fade and balance
- Used with the SPIDIF amplified systems
- Retains factory 3.5 mm jack
- High level speaker input
- Prewired ASWC-1 harness included

APPLICATIONS

HYUNDAI		KIA	
Azera	2012-2013	Optima	2011-up
Elantra	2011-2013	Soul	2012-up
Genesis Coupe	2013-up	Sportage	2011-up
Sonata	2011-up		
Tuscon (non NAV)	2010-up		

INTERFACE COMPONENTS

- HYBL-04 Interface • 16-pin harness with stripped leads
- 18-pin to 24- and 18-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 (this wire must be connected to hear sound from the factory amplifier).
- For Hyundai models only, 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 (note, if the mute wire is not connected, the radio will turn off when Blue Link is active). For Kia models, tape up this wire.
- The **Light Green** wire will not be used in this application.
- Connect the **Green/Purple** wire to the reverse wire of the aftermarket navigation radio.
- The **Blue/Pink** wire will not be used in this application.
- The **Orange/White** wire will not be used in this application.

CONNECTIONS ON THE INTERFACE *(continued)***From the 24-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 **White** and **Red** RCA to the aftermarket radios AUX input
- Connect the **Blue/Pink** wire to the VSS or speed sense wire of the aftermarket navigation radio.

From the 18-pin harness:

- Connect the **Blue** wire to the power antenna wire of the aftermarket radio.
If the aftermarket radio does not have a power antenna wire, connect this wire to the **Red** ignition wire.
- Connect the **Orange** wire to the illumination wire of the aftermarket radio.
If the aftermarket radio has no illumination wire, tape off the **Orange** wire.

Installing the HYBL-04

1. With all the connections completed, plug the 16- and 18-pin harnesses into the HYBL-04.
2. Plug the 24- and 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-04

1. Turn the aftermarket radio on.
2. Set potentiometer all the way to the left.
3. Set radio to desired level.

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.