



## Honda LaneWatch™ Camera Retention 2014-2016

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

### INTERFACE FEATURES

- Designed for amplified, or non-amplified models
- Provides accessory power (10-amp)
- Provides NAV outputs (parking brake, reverse, speed sense)
- Pre-wired AXSWC harness (AXSWC sold separately)
- Retains the factory backup camera
- Retains the Honda LaneWatch™ camera
- Does not retain factory clock and date
- Retains the factory AUX-IN jack
- Retains balance and fade
- Micro-B USB updatable

### INTERFACE FEATURES

- AXHN-2 interface
- AXHN-2 harness

### APPLICATIONS

<b>Honda</b>	
Civic.....	2014-2015
CR-V .....	2015-2016

### TABLE OF CONTENTS

Connections	
- For models without a factory amp.....	2
- For models with a factory amp .....	3
Installation .....	4
Programming.....	4
Extra settings .....	5

Visit [AxxessInterfaces.com](http://AxxessInterfaces.com) for up-to-date vehicle specific applications.

### TOOLS & INSTALLATION ACCESSORIES REQUIRED

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

### Product Info



**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 accessory before installing this device.

## CONNECTIONS

### For models *without* a factory amp:

#### From the AXHN-2 harness to the aftermarket radio

##### Main harness:

- Connect the **Black** wire to the ground wire.
- Connect the **Yellow** wire to the battery wire.
- Connect the **Red** wire to the accessory wire.

For the following (8) connections, cut off the RCA jacks to expose the speaker wire inside.

- Connect the **White** wire to the left front positive speaker output.
- Connect the **White/Black** wire to the left front negative speaker output.
- Connect the **Gray** wire to the right front positive speaker output.
- Connect the **Gray/Black** wire to the right front negative speaker output.
- Connect the **Green** wire to the left rear positive speaker output.
- Connect the **Green/Black** wire to the left rear negative speaker output.
- Connect the **Purple** wire to the right rear positive speaker output.
- Connect the **Purple/Black** wire to the right rear negative speaker output.

##### 16-pin harness:

- Connect the **Orange/White** wire to the illumination wire.

The following (3) wires are for aftermarket multimedia/navigation radios that require these wires:

- Connect the **Light Green** wire to the parking brake wire (if applicable).
- Connect the **Blue/Pink** wire to the speed sense wire (if applicable).
- Connect the **Green/Purple** wire to the reverse wire (if applicable).
- Connect the **Yellow** RCA jack to the backup camera input.  
**Note:** This RCA jack is used to retain the backup camera as well as the LaneWatch™ camera.
- Connect the **White** and **Red** RCA jacks to the audio AUX-IN jacks (if applicable).

##### 8-pin harness:

- Disregard the **White** RCA jack, it will not be used in this application.

##### 12-pin pre-wired AXSWC harness & 3.5mm jack:

- This harness and 3.5mm jack is to be used along with the optional AXSWC (sold separately) to retain steering wheel audio controls. If the AXSWC is not being used, disregard this harness. If it will be used, refer to the vehicle specific AXSWC instruction from Axxess Interfaces for radio connections and programming. Disregard the harness that comes with the AXSWC.
- The **Gray/Blue** wire will only be used in vehicles equipped with Bluetooth. Connect this wire to the **Yellow** wire in pin-15 from the 32-pin harness in the factory Bluetooth module.

##### Bluetooth module location:

Civic - Behind glovebox

CR-V - In dash, under radio

*Continue to Installation*

# CONNECTIONS

## For models *with* a factory amp:

### From the AXHN-2 harness to the aftermarket radio

#### Main harness:

- Connect the **Black** wire to the ground wire.
- Connect the **Yellow** wire to the battery wire.
- Connect the **Red** wire to the accessory wire.
- Connect the **Blue/White** wire to the amp turn-on wire.
- Connect the **White** RCA jack to the front left RCA output.
- Connect the **Gray** RCA jack to the front right RCA output.
- Connect the **Green** RCA jack to the rear left RCA output.
- Connect the **Purple** RCA jack to the rear right RCA output.

#### 16-pin harness:

- Connect the **Orange/White** wire to the illumination wire.

*The following (3) wires are for aftermarket multimedia/navigation radios that require these wires:*

- Connect the **Light Green** wire to the parking brake wire (if applicable).
- Connect the **Blue/Pink** wire to the speed sense wire (if applicable).
- Connect the **Green/Purple** wire to the reverse wire (if applicable).
- Connect the **Yellow** RCA jack to the backup camera input.  
**Note:** This RCA jack is used to retain the backup camera as well as the LaneWatch™ camera.
- Connect the **White** and **Red** RCA jacks to the audio AUX-IN jacks (if applicable).

#### 8-pin harness:

- Connect the **White** RCA jack to the subwoofer output jack.

#### 12-pin pre-wired AXSWC harness & 3.5mm jack:

- This harness and 3.5mm jack is to be used along with the optional AXSWC (not included) to retain steering wheel audio controls. If the AXSWC is not being used, disregard this harness. If it will be used, refer to the vehicle specific AXSWC instruction from Axxess Interfaces for radio connections and programming. Disregard the harness that comes with the AXSWC.
- The **Gray/Blue** wire will only be used in vehicles equipped with Bluetooth. Connect this wire to the **Yellow** wire in pin-15 from the 32-pin harness in the factory Bluetooth module.

#### Bluetooth module location:

Civic - Behind glovebox

CR-V - In dash, under radio

*Continue to Installation*

## INSTALLATION

1. Connect the **AXHN-2 harness** to the **AXHN-2 interface**, and then to the wiring harness in the vehicle.

## PROGRAMMING

- Turn the key (or push-to-start button) to the ignition position and wait until the radio comes on.  
**Note:** *If the radio doesn't come on within 60 seconds, turn the key to the off position, disconnect the interface, check all connections, reconnect the interface, and then try again.*
- Turn the key to the off position, and then to the accessory position. Test all functions of the installation for proper operation, before reassembling the dash.

## EXTRA SETTINGS

### LaneWatch™ settings:

**Note:** The LaneWatch™ button is located on the left side of the steering wheel, on the stalk.

- Press and hold the LaneWatch™ button for 15 seconds to toggle right turn signal triggering on or off. If on, press and hold the button again for 15 seconds to toggle it off. Likewise if off. The hi-beam indicator will flash 1 time if off; 2 times if on.

**Note:** Right turn signal triggering is default on.

**CAUTION!** The following step should only be performed by an authorized Honda technician. Once this procedure has been started, you cannot back out of it.

- Press and hold the LaneWatch™ button for 50 seconds to begin the LaneWatch™ aiming procedure. The hi-beam indicator will flash 3 times. At this point the display will also show an image of the LaneWatch™ camera feed, with instructions on what to do--a Honda authorized technician will know what to do from here.

**Note:** While accessing LaneWatch™ aiming the right turn signal triggering will be toggled after 15 seconds has passed, so the hi-beam indicator will flash before the 50 second mark is reached. The technician will have to ignore that and continue holding the button until the 50 second mark is reached to aim the camera.







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



**Metra recommends MECP  
certified technicians**