AXXESS AXHN-2 Wiring Interface Installation Guide

Contents

AXHN-2 Wiring Interface

Product Specifications

- **Model:** AXHN-2
- **Applications:**
  - **Honda Civic:** 2014-2015
  - **Honda CR-V**: 2015
  - **Honda Fit:** 2015-2017
- **Honda LaneWatch Camera Retention:** 2014-2017

Product Information

The AXHN-2 interface is designed to work with select Honda models to provide various features and functionalities. For detailed information and specific vehicle applications, visit AxxessInterfaces.com.

Installation Instructions

Follow these steps to install the AXHN-2:

1. Connect the AXHN-2 harness to the AXHN-2 interface.
2. Connect the interface to the wiring harness in the vehicle.

Programming

To program the AXHN-2 for extra settings:

- Access LaneWatch settings by using the button on the left side of the steering wheel.
- For Clock and date settings, use the buttons on the left side of the steering wheel.

Extra Settings

- **LaneWatch settings:**
  - Ensure the LaneWatch button is located on the left side of the steering wheel.
  - The right turn signal triggering is on.

- **Clock and date settings:**
  Refer to the buttons on the left side of the steering wheel for Clock and date settings.

INTERFACE FEATURES

- AXHN-2 interface
- AXHN-2 harness

APPLICATIONS

Honda

- **Civic** 2014-2015
- **CR-V** 2015
- **FIT** 2015-2017

INTERFACE FEATURES

- 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 LaneWatch camera
- Retains the ability to change the factory clock and date*
- Retains the factory AUX-IN jack
- Can be used in non-amplified or amplified models
- Retains balance and fade
- Micro-B USB updatable
- Excluding LX and NAV models

TOOLS & INSTALLATION ACCESSORIES REQUIRED

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

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 are 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

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 are 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

INSTALLATION

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 the 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 high-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 high-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 have passed, so the high-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.

Clock and date settings:
Note: This section refers to the buttons on the left side of the steering wheel.
Note: This process will end if no button is pressed for 15 seconds.

- Activate the analog clock on the top screen.
- Press and hold the "Source" button for 15 seconds until the high-beam indicator blinks twice, and then let go.
- Press and release the "Seek-Up" and "Seek-Down" buttons to toggle between minutes, hours, days, months, and years.
- Once you have selected a choice, press and release the "Volume-Up" or "Volume-Down" buttons to adjust the settings.
- While changing the hour, press the "Source" button to toggle between 12 and 224-hourformats.
- Wait 15 seconds for the process to end.

ABOUT COMPANY

- Having difficulties? We're here to help. Contact our Tech Support line at: **386-257-1187**,orr 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

FAQ

Having difficulties with the installation?
Contact our Tech Support line at: **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

  For further assistance and training, consider enrolling in courses at the **Installer Institute**.

  Metra recommends MECP-certified technicians for installation.

Documents / Resources

	**AXXESS AXHN-2 Wiring Interface** [pdf] Installation Guide AXHN-2, AXHN-2 Wiring Interface, AXHN-2, Wiring Interface, Interface

References

- **User Manual**