



## INTERFACE COMPONENTS

- AXBT-TY1 harness:
- 10-pin harness
- 28-pin harness
- 30-pin harness
- 12-pin SWC harness
- 16-pin AXBT harness
- AXBT interface

## APPLICATIONS

<b>Toyota</b>	
Camry.....	2018-2023
RAV4 .....	2019-2023

## Data Interface

### Fits Select Toyota Models 2018-2023

See our **Vehicle Fit Guide** for up-to-date vehicle-specific applications

## INTERFACE FEATURES

- Designed for non-amplified models
- Provides NAV outputs (parking brake, reverse, speed sense)
- Provides power and four speakers
- Pre-wired for Axxess SWC interface (sold separately)
- Retains balance and fade
- Retains the factory backup camera \*\*
- Allows retention and adjustment of the factory personalization menu\*
- Adjust personalization settings via Bluetooth<sup>®</sup> wireless technology when used with the AX-CUSTOM-BT app for smartphones and tablets

\* Actual options available vary per vehicle and per trim. (Refer to owner manual for options available in vehicle)

\*\*Requires the AXCSD-6V (sold separately)

## OPTIONAL ACCESSORIES (sold separately)

Axxess Steering Wheel Control Interface

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

## TOOLS REQUIRED

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

**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

### From the AXBT-TY1 harness to the aftermarket radio:

- Connect the **Black** wire, the **Black** wire labeled “CAMERA GROUND”, and also the **Black** wire from the **AXCSD-6V**, to the ground wire.
- Connect the **Yellow** wire to the battery wire.
- Connect the **Red** wire to the accessory wire.
- Connect the **Red** wire labeled “CAMERA POWER 6V”, to the **Blue/Red** wire from the **AXCSD-6V**.
- Connect the reverse wire from the aftermarket radio to the **Green/Purple** wire, and also to the **Blue/White** wire from the **AXCSD-6V**.

*The following (2) wires are only for a multimedia/navigation radio that requires these wires.*

- Connect the **Blue/Pink** wire to the VSS/speed sense wire
- Connect the **Light Green** wire to the parking brake wire
- If retaining the factory AUX-IN jack, connect the **Red** and **White** RCA jacks to the audio AUX-IN jacks from the aftermarket radio.
- Connect the **Yellow** RCA jack to the backup camera input.

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### 10-pin harness:

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

### 12-pin SWC harness & 3.5mm jack:

This 12-pin **SWC** harness & 3.5mm jack are to be used with an **Axxess SWC interface** (sold separately) to retain steering wheel audio controls. If an **Axxess SWC interface** is not being used, disregard this harness and 3.5mm jack. If it is to be used, please refer to the **Axxess SWC interface** instructions for radio connections and programming. Disregard the harness that comes with the **Axxess SWC interface**.

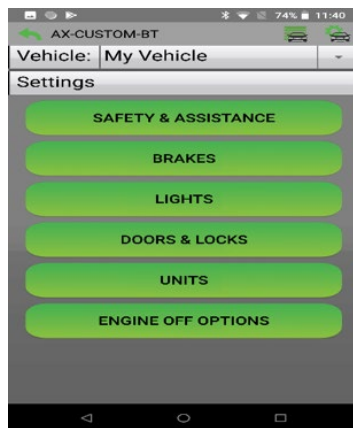
## INSTALLATION

### With the key in the off position:

1. Connect the AXBT-TY1 harness to the AXBT interface.
2. Connect the AXBT-TY1 harness to the wiring harness in the vehicle.
3. If an **Axxess SWC interface** (sold separately) will be used, do not connect it until after the **AXBT** is fully functional.

# APP INSTRUCTIONS

1. Download and install the **AX-CUSTOM-BT** app from the mobile devices app store.
2. Start the vehicle.
3. Open the app and wait for the **Customization Settings** menu to appear. If **Not Connected** appears instead, press the right button in the top right corner of the screen, then press the left button in the top right corner of the screen to go back to **Customization Settings**. The pairing process will begin at this point.
4. Once paired, **Settings** will be displayed in the screen. From this point on you can make changes to the vehicle as desired, as long as the vehicle is on. (Figure A)



(Figure A)

**Note:** Screenshot shown for illustration only. Actual options available vary per vehicle and per trim.

**Note:** The app must be paired with the interface at least once for the initial setup. Failure to do so will prevent the interface from functioning.

## AX-CUSTOM-BT QR Codes

iOS® 12.1 or higher



Android® 9 or higher



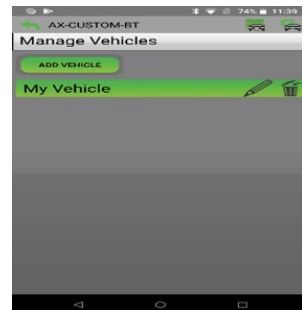
## Other Options

### Manage Vehicles (Figure B)

- Select **Manage Vehicles** by pressing the button in the top right of the screen.
- Pressing either the **Add Vehicle** or **Edit** (pencil icon) button will open the **Configure Vehicle** menu. (Figure B)

### Configure Vehicle (Figure C)

- The name of the vehicle can be changed by pressing the text field.
- The app can automatically detect the interface installed in the vehicle by pressing the **Search** button (magnifying glass).
- The **Make** and **Model** fields will open a drop down list for the user to select the make and model of the vehicle that the interface is installed in.
- Press the **Save** button to store the changes.



(Figure B)



(Figure C)



## **AXBT-TY1** INSTALLATION INSTRUCTIONS



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  
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