



Audi A4 (8K) A5 (8TF/8/F7/8TA) 2009-2016

(with MMI w/o factory amplifier/dual zone only/excluding '09 convertible)

Visit MetraOnline.com for more detailed information about the product and up-to-date vehicle specific applications

KIT FEATURES

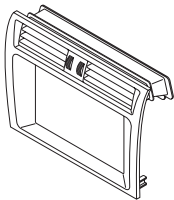
Includes all necessary data interfaces, wiring harnesses, & antenna adapter, for a complete installation

- ISO Double-Din radio provision
- Info Adapter kit, retains information from display
- Retains Steering Wheel Control Functionality
- Retains Phone Button Functionality
- Painted matte black
- Retains Vehicle Settings and Generates Settings Menus
- Provides Input for Aftermarket Reversing Camera
- Retains Parking Sensor Audio & Generates Parking Sensor Graphics

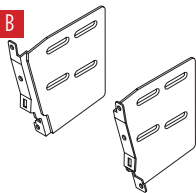
KIT COMPONENTS

- A) Radio trim panel • B) Radio brackets • C) Radio screws (8) • D) Button housing • E) Panel clips (2)
- F) AXSWC interface and wiring harness (not shown) • G) AXCESS interface and wiring harness (not shown) • H) Antenna adapter (not shown)

A



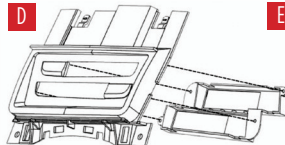
B



C



D



E

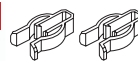


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WIRING & ANTENNA CONNECTIONS

- Wiring Harness: Included with kit
- Antenna Adapter: Included with kit
- Steering Wheel Control Interface: Included with kit

Visit MetraOnline.com for audio/video and steering wheel control interface options.

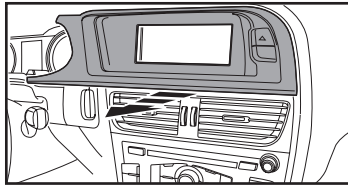
TOOLS REQUIRED

- Panel removal tool • 8mm Socket & ratchet
- Metal hook tool (Audi part# Hook-3438)

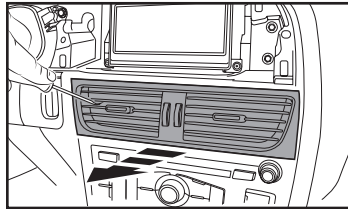
Attention: With the key out of the ignition, disconnect the negative battery terminal before installing this product. Ensure that all installation connections are secure before cycling the ignition to test this product.

DASH DISASSEMBLY

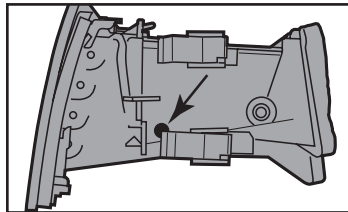
1. Unclip, unplug, and remove the bezel surrounding the display screen. (Figure A) Disconnect the Hazard and Airbag connector from the trim panel. (Figure B)
2. The vent assembly has four spring clips located in each corner of the A/C vents. Insert metal hook tool through the A/C vent and press the metal clip inside releasing each corner. (Figure B) Locate the release through the A/C vent. (Figure C)



(Figure A)

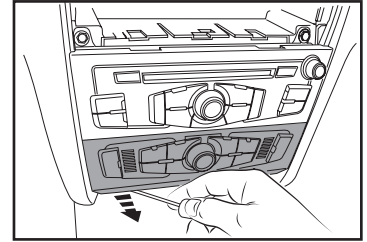


(Figure B)



(Figure C)

3. To remove the HVAC controls, place the hook tool in the hole on the bottom left of the VAC controls and pull gently. (Figure D)
4. Using a pair of radio release keys remove the head unit. When free, disconnect all the wiring. (Figure E)
5. Remove the shifter panel to gain access to (2) 8mm screws holding the ashtray in. The ashtray will need to be removed, this location will be used for the button relocation panel. (Figure F)



(Figure D)



(Figure E)

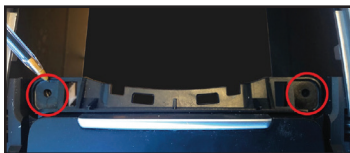


(Figure F)

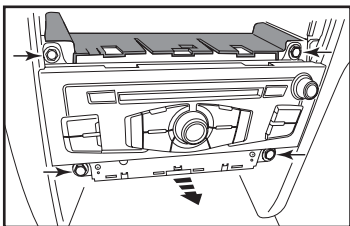
DASH DISASSEMBLY

6. Remove (2) 8mm screws located toward the bottom of the ashtray panel. When free, carefully lift and pull the ashtray pocket up out of the dashboard. (Figure G)
7. The area shaded in gray will need to be removed. Using a blade or dermal tool, cut the portion of the interior dash highlighted. This will allow the new head unit to sit higher and align with the radio opening. (Figure H)

Continue to Kit Assembly



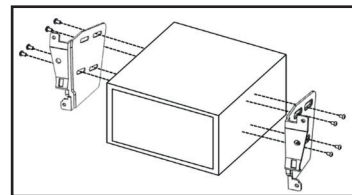
(Figure G)



(Figure H)

KIT ASSEMBLY

1. Secure the **radio brackets** to the radio using either the screws supplied with the radio, or the **radio screws** provided. (Figure A)
2. Located in the OE head unit are two three button sets that need to be removed from the surrounding plastic. (Figure B)
3. The rubber stoppers on the ashtray panel removed in step 5 (from Dash Disassembly) will need to be reused. (Figure C)



(Figure A)



(Figure B)



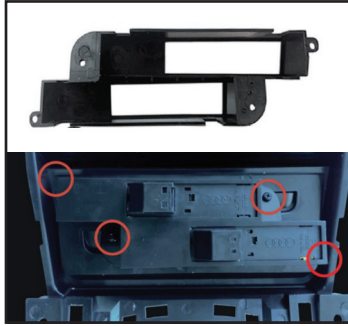
(Figure C)

KIT ASSEMBLY

- The buttons that were removed from the OEM panel in step 2 will be installed into the button relocation panel supplied with the kit. Secure the buttons using the factory hardware.

Install the OEM head unit buttons into the new Button Relocation Bracket.

Proceed to install this button and bracket combination into the back of the new Button Relocation Panel. (Figure D)



(Figure D)

- With the new Button Relocation Panel fully assembled, install it into the opening where the ashtray originally sat. Before fully placing, make sure to re-connect both MMI button connectors. Once the Button Relocation Panel is seated properly, screw the panel down into place using the OEM screws. (Figure E)



(Figure E)

- Reinstall the gear shifter panel. Be sure all connectors are plugged back into the panel. (Figure F)

Continue to AXXESS Interface Installation



(Figure F)

AXXESS INTERFACE INSTALLATION

INTERFACE FEATURES

- Provides accessory power
- Retains audio/phone[†] controls on the steering wheel
- Retains vehicle personalization and setting menus
- Provides NAV outputs (parking brake, reverse, speed sense)
- Provides input for aftermarket reverse camera
- Retains balance
- Micro-B USB updatable

[†] Radio dependent

INTERFACE COMPONENTS

- 9112B interface
- 9112B harness
- AXSWC interface
- AXSWC harness
- Female 3.5mm connector with stripped leads

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TOOLS REQUIRED

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

Be Advised

This interface will retain most of the original vehicle features. There may be some features that are not offered. Below is a list of features our interface currently retains.

Currently, this interface can support the following features: Language, Temperature, Time Format, Date Format, Tire Pressure, Distance Units, Speed Units, Suggested Gear Change, Speed Warning, Board Computer 1/2, Auto Headlights, Leaving Home, Come Home Light Time, Daytime Running Lights, Head Lamp Conversion, Unlock Single Door, Auto Locking, Trunk Lid and Tailgate, Parking Volume Front/Rear, Parking Freq Front/Rear, Oil Check, Service Due, Window Convenience Open Front/Rear, Windshield Wiper Service Position, Rain Sensor.

CONNECTIONS

From the 9112B harness to the aftermarket radio, connect as indicated:

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

Note: There will be an accessory wire from the AXSWC harness to connect as well.

- **Blue** wire to the amplifier turn-on wire.
- **Brown** wire to the mute wire.
- **Orange** wire to the illumination wire. (if applicable).
- **Gray wire** to the right front (+) speaker output.
- **Gray/Black** wire to the right front (-) speaker output.
- **White** wire to the left front (+) speaker output.
- **White/Black** wire to the left front (-) speaker output.
- **Green** wire to the left rear (+) speaker output.
- **Green/Black** wire to the left rear (-) speaker output.
- **Purple** wire to the right rear (+) speaker output.
- **Purple/Black** wire to the right rear (-) speaker output.

The following (3) wires are only for multimedia/navigation radios that require these wires.

- **Blue/Pink** wire to the speed sense wire.
- **Green/Purple** wire to the reverse wire.
- **Light Green** wire to the parking brake wire.

RCA Connections:

Red & White RCA jacks labeled “FRONT LEFT” and “FRONT RIGHT” to the full range front amplifier output jacks.

Retain OEM camera:

Connect the yellow male RCA cable to the reverse camera input of your aftermarket radio.

Adding aftermarket camera:

Connect the yellow female RCA to the male RCA from your aftermarket camera. Then plug the yellow male RCA into the reverse camera input of your aftermarket radio.

From the AXSWC harness to the aftermarket radio:

This harness is to be used if the vehicle is equipped with steering wheel controls.

- Connect the **Red** wire to the accessory wire.

For the radios listed below: Connect the **female 3.5mm connector with stripped leads**, to the male 3.5mm SWC jack from the **AXSWC harness**. Any remaining wires tape off and disregard:

- **Eclipse:** Connect the steering wheel control wire, normally **Brown**, to the **Brown/White** wire from the connector. Then connect the remaining steering wheel control wire, normally **Brown/White**, to the **Brown** wire from the connector.
- **Metra OE:** Connect the steering wheel control Key 1 wire (**Gray**) to the **Brown** wire.
- **Kenwood or select JVC with a steering wheel control wire:** Connect the **Blue/Yellow** wire to the **Brown** wire.
Note: If the Kenwood radio auto detects as a **JVC**, manually set the radio type to **Kenwood**. Refer to the **Changing Radio Type** document available at axessinterfaces.com.
- **XITE:** Connect the steering wheel control SWC-2 wire from the radio to the **Brown** wire.
- **Parrot Asteroid Smart or Tablet:** Connect the 3.5mm jack into the **AX-SWC-PARROT** (sold separately). Then connect the 4-pin connector from the **AX-SWC-PARROT** to the radio.
Note: The radio must have rev. 2.1.4 or higher software.
- **Universal “2 or 3 wire” radio:** Connect the steering wheel control wire, referred to as Key-A or SWC-1, to the **Brown** wire from the connector. Then connect the remaining steering wheel control wire, referred to as Key-B or SWC-2, to the **Brown/White** wire from the connector. If the radio comes with a third wire for ground, disregard this wire.
Note: After the interface has been programmed to the vehicle, refer to the manual provided with the radio for assigning the SWC buttons. Contact the radio manufacturer for more information.
- **For all other radios:** Connect the 3.5mm jack from the **AXSWC harness** into the jack from the aftermarket radio designated for an external steering wheel control interface. Please refer to the aftermarket radio’s manual if in doubt as to where the 3.5mm jack should connect to.

INSTALLATION

With the key in the off position:

1. **Connect the 9112B harness to the 9112B interface.**
2. Connect the **AXSWC harness** to the **AXSWC interface**, and then to the **9112B interface**.
3. Connect the video cables according to the type of camera. Refer to connections.
4. Locate the factory antenna connector in the dash and complete all necessary connections to the radio. Use the antenna adapter provided to adapt the factory antenna connector to the aftermarket radio.

Attention! If retaining steering wheel controls, ensure that the SWC jack/wire is connected to the radio before proceeding. If this step is skipped, the interface will need to be reset for the steering wheel controls to function

PROGRAMMING

1. Press and hold the **Volume Up** button on the steering wheel.
2. Turn the ignition on, the L.E.D. in the **AXSWC interface** will start flashing rapidly, which means the AXSWC interface is looking for the vehicle and the radio.
3. After a few seconds the L.E.D. should stop flashing rapidly, then go out for approximately (2) seconds.
4. After (2) seconds there will be a series of (7) **Green** flashes, some short, and some long. The long flashes represent the wires that are connected from the vehicle to the **AXSWC interface**. The 3rd, 4th, 5th, and 6th flashes should be longer.
5. The L.E.D. will pause for another (2) seconds, then flash **Red** up to (18) times depending on which radio is connected to the **AXSWC interface**. Refer to the **L.E.D. Feedback** section for more information.
6. This is the end of the auto detection stage. If the **AXSWC interface** detected the vehicle and radio successfully, the L.E.D. will light up solid. If not, refer to the troubleshooting documents available at axxessinterfaces.com.
7. Test all functions of the installation for proper operation before reassembling the dash. Refer to the **AXSWC Steering Wheel Control** documents available at axxessinterfaces.com for customizing the buttons, if so desired.

L.E.D. Feedback

The (18) **Red** L.E.D. flashes represent the brand of radio the **ASWC-1 interface** believes it is connected to. Each flash count represents a different radio Manufacturer. For example, if you are installing a JVC radio, the ASWC-1 interface will flash **Red** (5) times, then stop. Following is a legend that explains which radio manufacturer corresponds to the flash count provided.

L.E.D. Feedback Legend

Flash Count	Radio
1	Eclipse (type 1) †
2	Kenwood ‡
3	Clarion (type 1) †
4	Sony / Dual
5	JVC
6	Pioneer / Jensen
7	Alpine *
8	Visteon
9	Valor
10	Clarion (type 2) †
11	Metra OE
12	Eclipse (type 2) †
13	LG
14	Parrot **
15	XITE
16	Philips
17	TBA
18	JBL

Keynotes

* If the **AXSWC interface** flashes **Red** (7) times, and an **Alpine** radio is not installed, that means an open connection. Verify that the 3.5mm jack is connected to the correct steering wheel jack/wire in the radio.

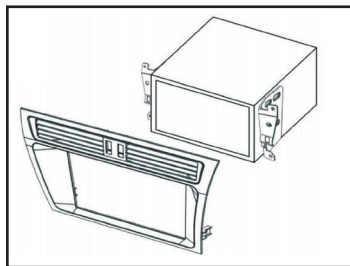
** The **AX-SWC-PARROT** is required (sold separately). Also, the software in the radio must be rev. 2.1.4 or higher.

† If a **Clarion** radio is installed and the steering wheel controls do not function, change the radio type to the opposite **Clarion** radio type; likewise for **Eclipse**. Refer to the **Changing Radio Type** document available at axxessinterfaces.com.

‡ If a **Kenwood** radio is installed and the L.E.D. feedback comes back showing as a **JVC** radio, change the radio type to **Kenwood**. Refer to the **Changing Radio Type** document available at axxessinterfaces.com.

FINAL ASSEMBLY

1. Using the 8mm bolts, secure the radio assembly to the dash.
2. Reconnect HVAC harnessing and snap back into dash. (Figure A)
3. Reconnect and attach the a/c vent panel.
4. Snap the screen trim panel back into the dash, this will complete your installation. (Figure B)



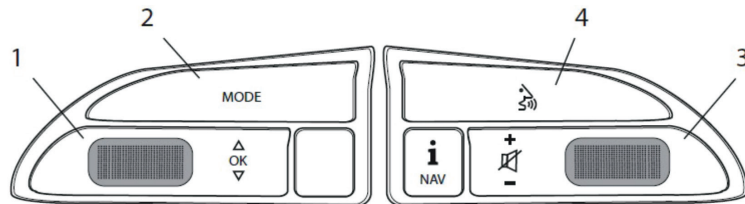
(Figure A)



(Figure B)

USER GUIDE

SWC Controls and Menu Operation



In Normal Mode

1. Track + (Scroll Up)
Track - (Scroll Down)
Source (Short Press)
Enter Infodapter Menu (Long Press)
2. Source (Short Press)
Enter Infodapter Menu (Long Press)
3. Volume + (Scroll Up)
Volume - (Scroll Down)
4. Pick Up (Short Press)
Hang Up (Long Press)

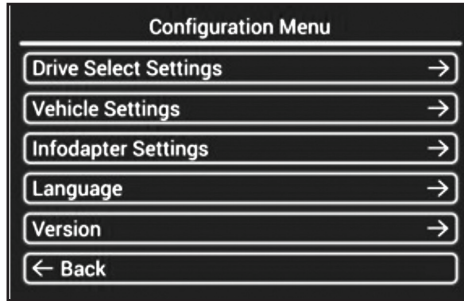
In Infodapter Menu

1. Menu up (Scroll Up)
Menu down (Scroll Down)
Select Menu Item (Short Press)
2. Select Menu Item (Short Press)
To exit the Infodapter Menu, select 'EXIT' STEERING WHEEL CONTROL FUNCTIONALITY
3. Volume + (Scroll Up)
Volume - (Scroll Down)
4. Pick Up (Short Press)
Hang Up (Long Press)
5. To exit the Infodapter Menu, select 'EXIT'

INFODAPTER MENU

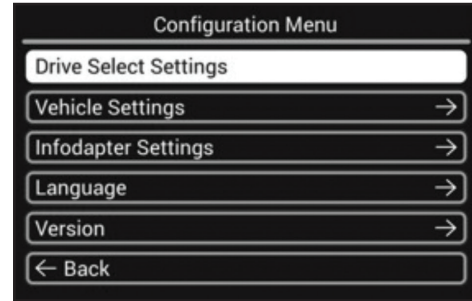
Configuration Menu

Press and hold **Button 1** or **Button 2** to enter the **Infodapter Configuration** menu and navigate through the various options and settings below.



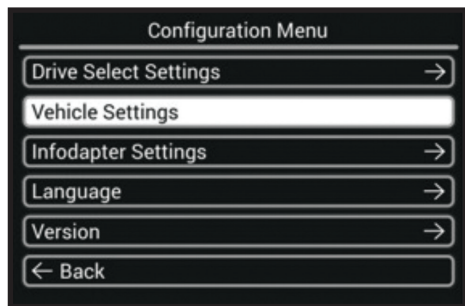
Drive Select Settings

Individual / Comfort / Auto / Dynamic / Off Road / Efficiency



Vehicle Settings

The Infodapter interface currently retains the following vehicle settings*:



*Note: Although care has been taken to ensure the accuracy of this menu structure at the time of printing this document, sudden changes in software by the manufacturer or incompatibilities with the interface cannot be accounted for. Do not consider this list to be exhaustive.

Drive Select Settings

Air Con

Time/Date

- Hours
- Minutes
- Years
- Month
- Day

Amplifier Settings

- Volume
- Treble
- Bass
- Fader

Lights

- Come Home Light Time
- Leaving Home Lights
- Auto Headlights
- Daytime Running Lights
- Headlamp Converter

Central Locking

- Unlock Single Door
- Auto Locking
- Trunk Lid & Tailgate

Parking System

- Display
- Front Volume
- Front Frequency
- Rear Volume
- Rear Frequency

Windows & Wipers

- Convenience Open Front
- Convenience Open Rear
- Wiper Service Position
- Rain Sensors

INFODAPTER MENU (CONT.)

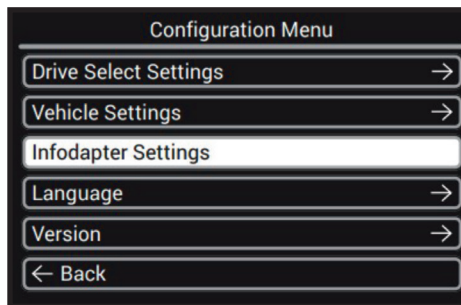
Infodapter Settings

Screen Size/Position

- Horizontal Size
- Horizontal Position
- Vertical Size
- Vertical Position

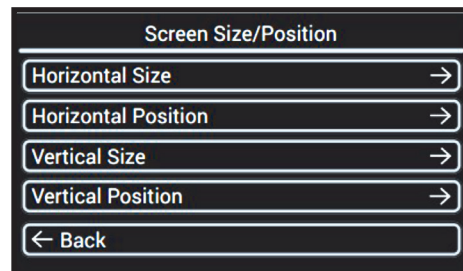
Picture Settings

- Brightness
- Contrast
- Saturation



Preferences

- Camera Connected
Choose the style of camera connected to the vehicle (if applicable)
- Park Brake Source
Set Park Brake output to activate when park brake is on (Brake), when speed is less than 2 mph (Speed) or to remain on at all times (Always On)
- Restore Factory Settings-Select Yes to return all Infodapter settings to factory defaults

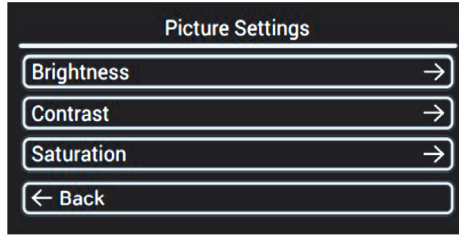


INFODAPTER MENU (CONT.)

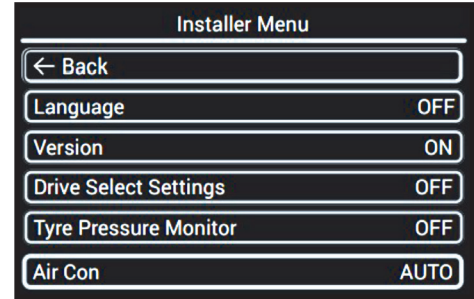
Installer Menu

- The Installer menu will display a variety of options which can be added to or removed from the Infodapter menus.

Each option can be set to 'OFF' to remove the option from the menus, or to either 'ON' or '*AUTO' to display it e.g. If the Language option is changed to 'OFF' in the Installer Menu, the option will disappear from the main Configuration Menu.



To make the option reappear, return to the Installer Menu and toggle the feature to 'ON' ***Note:** Selecting 'AUTO' will make the selected option appear in the Infodapter menus only if the vehicle detects that the option is available. This is only available for features that the car can detect, so will not appear against some options.



LANGUAGE

- Select language (English/French/German/etc)

VERSION

- View software version screen



95-9112B
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

Tech Support Hours (Eastern Standard Time)

Monday - Friday: 9:00 AM - 7:00 PM

Saturday: 10:00 AM - 7:00 PM

Sunday: 10:00 AM - 4:00 PM



KNOWLEDGE IS POWER

Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry. Log onto www.installerinstitute.com or call 800-354-6782 for more information and take steps toward a better tomorrow.



**Metra recommends MECP
certified technicians**