



Audi CAN Interface 2002-2013

INTERFACE FEATURES

- Provides accessory (12-volt 10-amp)
- Retains R.A.P. (retained accessory power)
- Provides NAV outputs (parking brake, reverse, and speed sense)
- Prewired AXSWC harness (AXSWC sold separately)
- Retains balance and fade
- Micro-B USB updatable

INTERFACE COMPONENTS

• AXVI-9004 interface • LD-AX-XSVI-AU1 harness • LD-AX-XSVI-AU2 harness

APPLICATIONS

Audi

Applications below use LD-AX-XSVI-AU1:

A3*	2006-2013
A4/RS 4/S4 with NAV	2005-2008
A4/RS 4/S4	2007-2008
A4/RS 4/S4*	2006
TT	2008-2013

Applications below use LD-AX-XSVI-AU2:

A3**	2006-2007
A4/S4***	2002-2006
A6	2004
allroad	2004-2005
TT	2002-2006

Note:

- * Only for models with either a Symphony Plus or NAV radio.
- ** With Concert radio (without NAV)
- *** With Symphony radio (without NAV)

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TOOLS & INSTALLATION ACCESSORIES REQUIRED

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

Product Info



CONNECTIONS

From the LD-AX-XSXI-AUI harness to the aftermarket radio

(a) From the 12-pin harness:

- Connect the **Red** wire to the accessory wire.
- Connect the **Orange** wire to the illumination wire, if the aftermarket radio has no illumination wire, tape off the **Orange** wire.
- Connect the **Blue/White** wire to the amp turn on wire (this wire must be connected to hear sound from the factory amplifier).

Note: There is a **Blue** wire on the 40-pin harness to connect as well.

The following wire is for an aftermarket multimedia/navigation radio that provides this wire, if not required, tape it off and disregard it:

- Connect the **Light Green** wire to the parking brake wire (if applicable).
- Connect the **Green/Purple** wire to the reverse wire (if applicable).
- The **Blue/Pink** wire will not be used, tape it off and disregard it.

Note: This wire will be on the 40-pin harness instead.

(b) From the 40-pin harness:

- Connect the **Black** and **Black/White** wires to the ground wire.
- Connect the **Yellow** wire to the battery wire.

- Connect the **Blue** wire to the amp turn on wire (this wire must be connected to hear sound from the factory amplifier).

The following wire is for an aftermarket multimedia/navigation radio that provides this wire, if not required, tape it off and disregard it:

- Connect the **Blue/Pink** wire to the speed sense wire (V.S.S.), if applicable.

For non-BOSE systems:

- Disregard the **White** RCA, it will not be used in this application.
- Disregard the **Gray** RCA, it will not be used in this application.
- Connect the **Green** RCA to the left rear RCA output.
- Connect the **Purple** RCA to the right rear RCA output.
- 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.

Tape off and disregard the following wires, they will not be used in this application:

- **Green, Green/Black, Purple, Purple/Black.**

CONNECTIONS *(CONT.)*

For BOSE systems:

- Connect the **White** RCA to the left front RCA output.
- Connect the **Gray** RCA to the right front RCA output
- Connect the **Green** RCA to the left rear RCA output.
- Connect the **Purple** RCA to the right rear RCA output

Tape off and disregard the following wires, they will not be used in this application:

- **Green, Green/Black, Purple, Purple/Black, White, White/Black, Gray, Gray/Black.**

Note: It is highly recommended that the radio being used has 2 sets of RCA outputs to retain balance and fade; 3 sets if a sub-woofer amplifier will be added.

(c) From the 12-pin harness (AXSWC pre-wired harness):

- This harness is to be used in conjunction with the optional AXSWC (not included) to retain steering wheel controls. If the AXSWC is not being used, disregard this harness. If it will be used, please refer to the AXSWC instructions for radio connections and programming.

Note: Disregard the harness that comes with the AXSWC.

INSTALLATION

With the key in the off position:

- Connect the 12-pin harness into the interface.
- Connect the 40-pin harness into the vehicle.
- With all connections completed, reconnect the negative battery terminal.
- Initialize the interface by turning the ignition on for 30 seconds, then turn the ignition back off, then back on again.

Note: If using the AXSWC, connect it after you initialize the AXVI-9004, with the key in the off position.

TROUBLESHOOTING

- If the vehicle has engine noise after installing the AXVI-9004, use Axxess part number AX-AGL610, qty. (2).

CONNECTIONS

From the LD-AX-XSVI-AU2 harness to the aftermarket radio

(a) From the 12-pin harness:

- Connect the **Red** wire to the accessory wire.
- Connect the **Orange** wire to the illumination wire, if the aftermarket radio has no illumination wire, tape off the **Orange** wire.

The following wire is for an aftermarket multimedia/navigation radio that provides this wire, if not required, tape it off and disregard it:

- Connect the **Light Green** wire to the parking brake wire (if applicable).
- Connect the **Green/Purple** wire to the reverse wire (if applicable).
- Connect the **Blue/Pink** wire to the speed sense (V.S.S.) wire (if applicable).

(b) From the 16-pin harness:

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

For non-BOSE systems:

- 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.

Tape off and disregard the following wires, they will not be used in this application:

- **Green, Green/Black, Purple, Purple/Black.**

For BOSE systems:

Tape off and disregard the following wires, they will not be used in this application:

- **Green, Green/Black, Purple, Purple/Black, White, White/Black, Gray, and Gray/Black.**

(c) From the 26-pin harness:

- Connect the **Blue/White** wire to the amp turn on wire (this wire must be connected to hear sound from the factory amplifier).

For non-BOSE systems:

- Disregard the **White** RCA, it will not be used in this application.
- Disregard the **Gray** RCA, it will not be used in this application.
- Connect the **Green** RCA to the left rear RCA output.
- Connect the **Purple** RCA to the right rear RCA output.

CONNECTIONS *(CONT.)*

For BOSE systems:

- Connect the **White** RCA to the left front RCA output.
- Connect the **Gray** RCA to the right front RCA output
- Connect the **Green** RCA to the left rear RCA output.
- Connect the **Purple** RCA to the right rear RCA output

Note: It is highly recommended that the radio being used has 2 sets of RCA outputs to retain balance and fade; 3 sets if a subwoofer amplifier will be added.

(d) From the 12-pin harness (AXSWC pre-wired harness):

- This harness is to be used in conjunction with the optional AXSWC (not included) to retain steering wheel controls. If the AXSWC is not being used, disregard this harness. If it will be used, please refer to the AXSWC instructions for radio connections and programming.

Note: Disregard the harness that comes with the AXSWC.

INSTALLATION

With the key in the off position:

- Connect the 12-pin harness into the interface.
- Connect the 16-pin harness into the vehicle.
- Connect the 26-pin harness into the vehicle.
- With all connections completed, reconnect the negative battery terminal.
- Initialize the interface by turning the ignition on for 30 seconds, then turn the ignition back off, then back on again.

Note: If using the AXSWC, connect it after you initialize the AXVI-9004, with the key in the off position.

TROUBLESHOOTING

- If the vehicle has engine noise after installing the AXVI-9004, use Axxess part number AX-AGL610, qty. (2).



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AXVI-9004

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**