XSVI-9004-NAV
Audi CAN Interface
2002-2013

APPLICATIONS

AUDI

Applications below use LD-AX-XSVI-AU1:		Applications below use LD-AX-XSVI-AU2:	
A3*	2006-2013	A3**	2006-2007
A4/RS 4/S4 *with NAV*	2005-2008	A4/S4***	2002-2006
A4/RS 4/S4	2007-2008	A6	2004
A4/RS 4/S4*	2006	allroad	2004-2005
TT	2008-2013	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)*

FEATURES

- Provides accessory (12-volt 10-amp)
- Retains R.A.P. (retained accessory power)
- Provides NAV outputs (parking brake, reverse, and speed sense)
- Prewired ASWC-1 harness (ASWC-1 sold separately)
- Retains balance and fade
- Micro "B" USB updatable

INTERFACE COMPONENTS

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

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TOOLS REQUIRED

• Cutting tool • Crimping tool • Tape • Connectors (example: butt-connectors, bell caps, etc.)

CAUTION: Metra recommends disconnecting the negative battery terminal before beginning any installation. All accessories, switches, and especially air bag indicator lights must be plugged in before reconnecting the battery or cycling the ignition.

NOTE: Refer to the instructions included with the aftermarket radio.

Connections to be made

From the LD-AX-XSVI-AU1 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 wires are for aftermarket multimedia/navigation radios that provide these wires (if not required, tape them off and disregard them):

- 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:

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

Connections to be made

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:

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

    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 (ASWC-1 pre-wired harness):

- This harness is to be used in conjunction with the optional ASWC-1 (not included) to retain steering wheel controls. If the ASWC-1 is not being used, disregard this harness. If it will be used, please refer to the ASWC-1 instructions for radio connections and programming.

    Note: Disregard the harness that comes with the ASWC-1.

Installing the XSVI-9004-NAV

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 ASWC-1, connect it after you initialize the XSVI-9004-NAV, with the key in the off position.

Troubleshooting

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

Connections to be made

<u>**From the LD-AX-XSVI-AU2 harness to the aftermarket radio**</u>

(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 wires are for aftermarket multimedia/navigation radios that provide these wires (if not required, tape them off and disregard them):

- 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:

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

For BOSE systems:

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

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

(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.

Connections to be made

• Connect the **Purple** RCA to the right rear RCA output.

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 (ASWC-1 pre-wired harness):

• This harness is to be used in conjunction with the optional ASWC-1 (not included) to retain steering wheel controls. If the ASWC-1 is not being used, disregard this harness. If it will be used, please refer to the ASWC-1 instructions for radio connections and programming.

Note: Disregard the harness that comes with the ASWC-1.

Installing the XSVI-9004-NAV

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 ASWC-1, connect it after you initialize the XSVI-9004-NAV, with the key in the off position.

Troubleshooting

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