iDATALINK TM/MC
maestro *Sr*

HOW TO USE THIS INSTALL GUIDE

1   Open the Bookmarks menu and find your vehicle OR scroll down until you find the install guide for your vehicle.

2   Print only the pages for your vehicle using the advanced options in the Print menu.

3   Install your Maestro SR according to the guide for your vehicle.

WARNING

Pressing the printer icon or "quick printing" this document will print all of the guides in this compilation.

![idatalink maestro Sr logo]

INSTALL GUIDE

2006-2013
AUDI A3
WITH SYMPHONY PLUS OR FACTORY NAVIGATION

RETAINS STEERING WHEEL CONTROLS AND MORE!

+

**HEAD UNIT
ADAPTER READY**

PRODUCTS REQUIRED
iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-AU1 Installation Harness

PROGRAMMED FIRMWARE: AU1-SR-DS

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

Please note that Maestro SR will only retain functionalities that were originally available in the vehicle.

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP	
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH	
Software to program module.	WEBLINK	

NEED HELP?

📞 1 866 427-2999

✉ maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1 /1

STEP 1

Remove the factory radio

If using head unit adapter (sold separately), connect SR-AU1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-AU1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-AU1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

- Plug the harnesses into the aftermarket radio.
- Plug the Data cable to the iDatalink port of the aftermarket radio.

Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 3

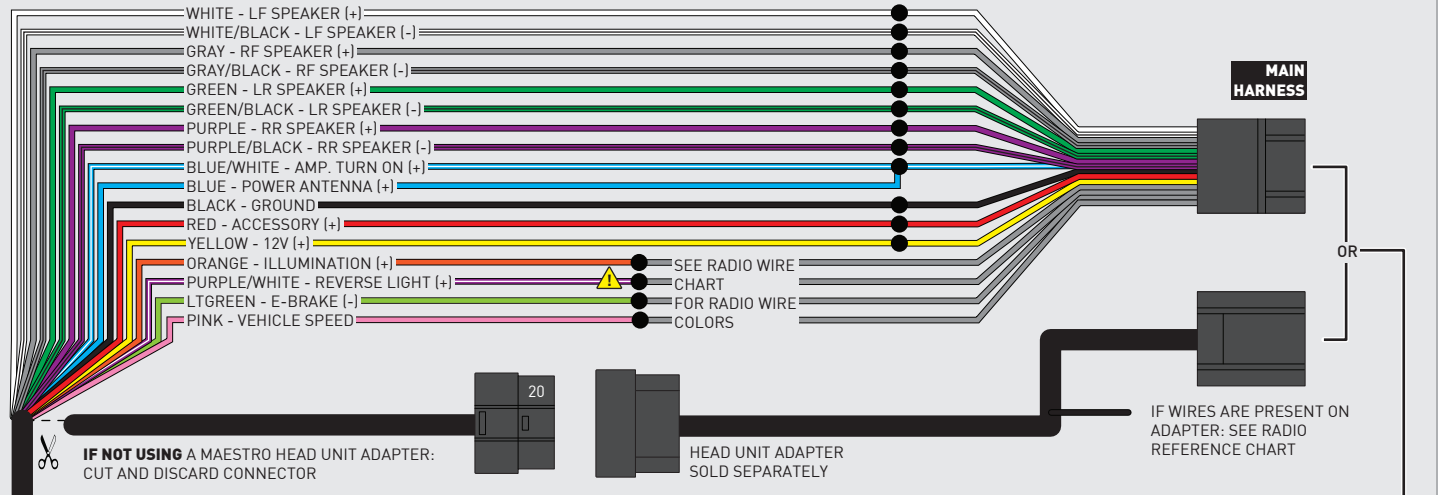- Connect the factory radio harness to the SR-AU1 T-harness.

STEP 4

- Connect the SR-AU1 harness to the Maestro SR module.
- Connect the Data cable.
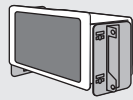
Test your installation.

WIRING DIAGRAM

STEP 1

WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP. TURN ON (+)
BLUE - POWER ANTENNA (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
PINK - VEHICLE SPEED

SEE RADIO WIRE
CHART
FOR RADIO WIRE
COLORS

MAIN HARNESS

OR

IF WIRES ARE PRESENT ON
ADAPTER: SEE RADIO
REFERENCE CHART

20

IF NOT USING A MAESTRO HEAD UNIT ADAPTER:
CUT AND DISCARD CONNECTOR

HEAD UNIT ADAPTER
SOLD SEPARATELY

⚠ ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A
CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-AU1

STEP 2

PIONEER RADIO: ENSURE THAT
NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

STEP 3

FACTORY RADIO HARNESS

BLACK

16

RED

20

DATA CABLE

POWER ANT.

AMP TURNON   NC

POC1 -
POC2 -   User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 4

MAESTRO SR MODULE

16

3

NOT REQUIRED

**STEERING WHEEL
CONTROL CABLE**

RADIO WIRE REFERENCE CHART

AU1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A

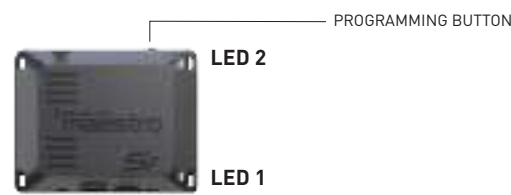## Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

PROGRAMMING BUTTON

LED 2

LED 1

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.

MAESTRO SR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).
Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.

INSTALL GUIDE

2005-2008
AUDI A4
WITH FACTORY NAVIGATION

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VIDEO HELP

Last flash information, steering control configuration, vehicle information.

VERIFY FLASH

Software to program module.

WEBLINK

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STEP 1

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Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

- Plug the harnesses into the aftermarket radio.
- Plug the Data cable to the iDatalink port of the aftermarket radio.

Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 3

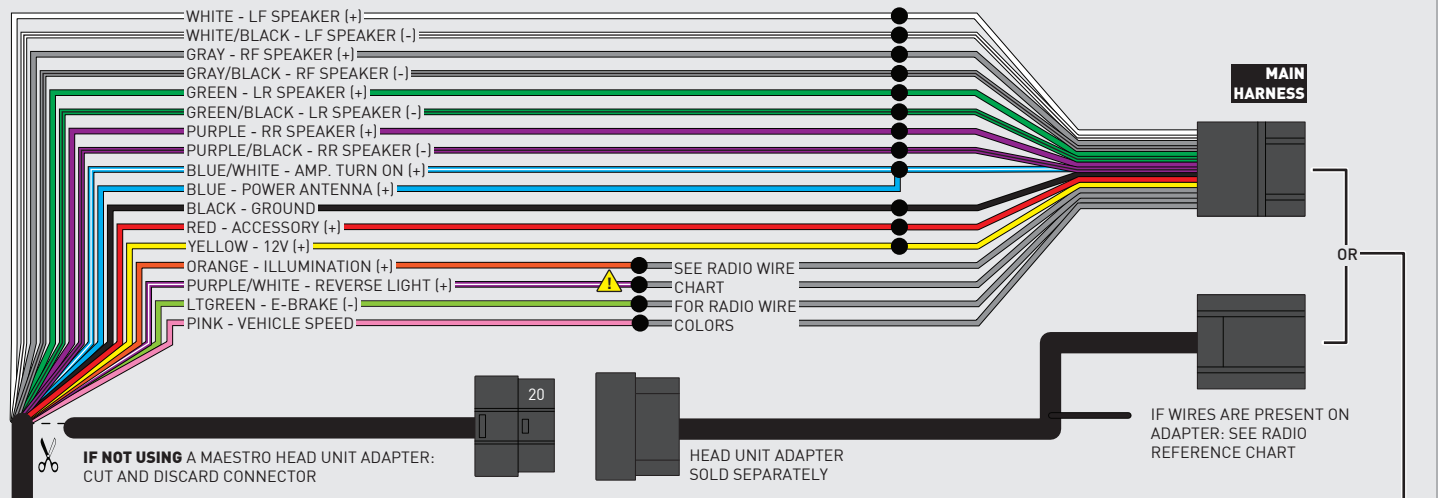- Connect the factory radio harness to the SR-AU1 T-harness.

STEP 4

- Connect the SR-AU1 harness to the Maestro SR module.
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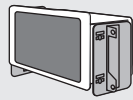
Test your installation.

1

WIRING DIAGRAM

STEP 1

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ORANGE - ILLUMINATION (+)
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LTGREEN - E-BRAKE (-)
PINK - VEHICLE SPEED

SEE RADIO WIRE
CHART
FOR RADIO WIRE
COLORS

MAIN HARNESS

OR

IF WIRES ARE PRESENT ON ADAPTER: SEE RADIO REFERENCE CHART

20

IF NOT USING A MAESTRO HEAD UNIT ADAPTER: CUT AND DISCARD CONNECTOR

HEAD UNIT ADAPTER SOLD SEPARATELY

⚠ ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-AU1

STEP 2

AFTERMARKET RADIO

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

STEP 3

FACTORY RADIO HARNESS

BLACK

16

RED

20

DATA CABLE

POWER ANT.

AMP TURNON   NC

POC1 -
POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 4

MAESTRO SR MODULE

16

3

NOT REQUIRED

STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

AU1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A

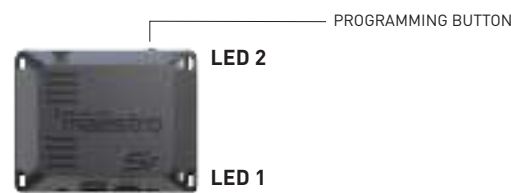## Head unit adapter wiring (optional accessory, sold separately)

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CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

PROGRAMMING BUTTON

LED 2

LED 1

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
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PROBLEM	SOLUTION
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
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MAESTRO SR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
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Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

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IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.

RETAINS STEERING WHEEL CONTROLS AND MORE!

+

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PROGRAMMED FIRMWARE: AU1-SR-DS

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VERIFY FLASH

Software to program module.

WEBLINK

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INSTALLATION INSTRUCTIONS P1 /1

STEP 1

Remove the factory radio

If using head unit adapter (sold separately), connect SR-AU1 harness to adapter and skip to step 2.

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STEP 3

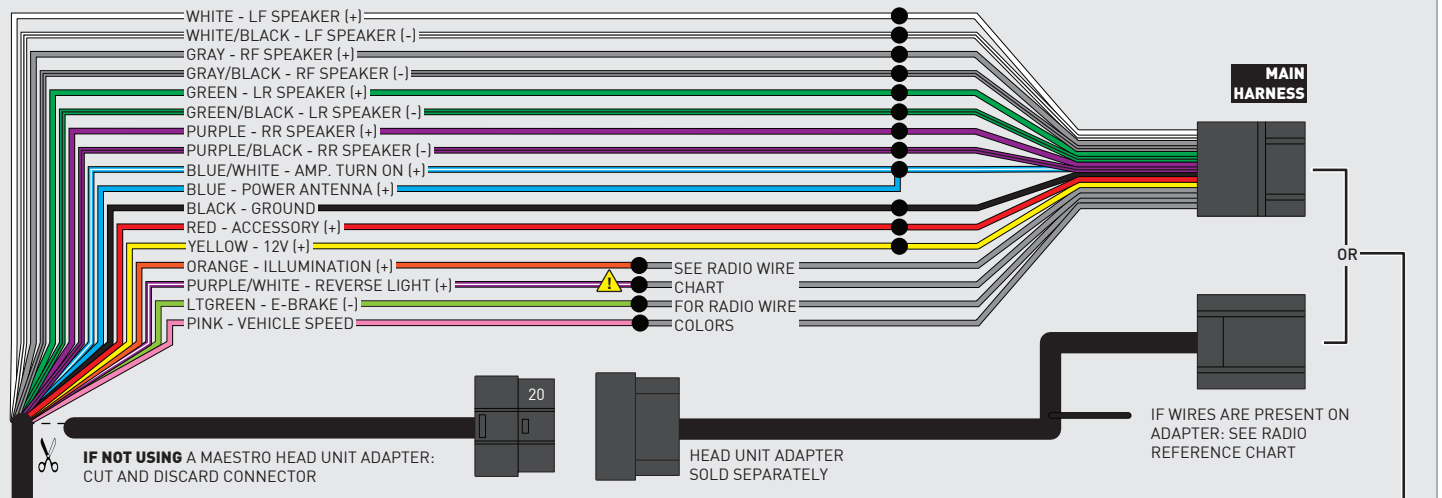- Connect the factory radio harness to the SR-AU1 T-harness.

STEP 4

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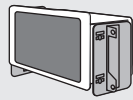
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SR-AU1

STEP 2

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STEP 3

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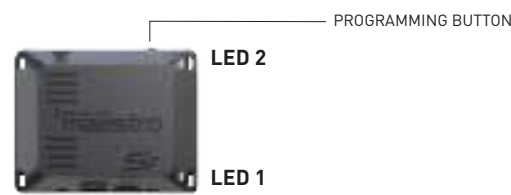## Head unit adapter wiring (optional accessory, sold separately)

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Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

- Plug the harnesses into the aftermarket radio.
- Plug the Data cable to the iDatalink port of the aftermarket radio.

Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 3

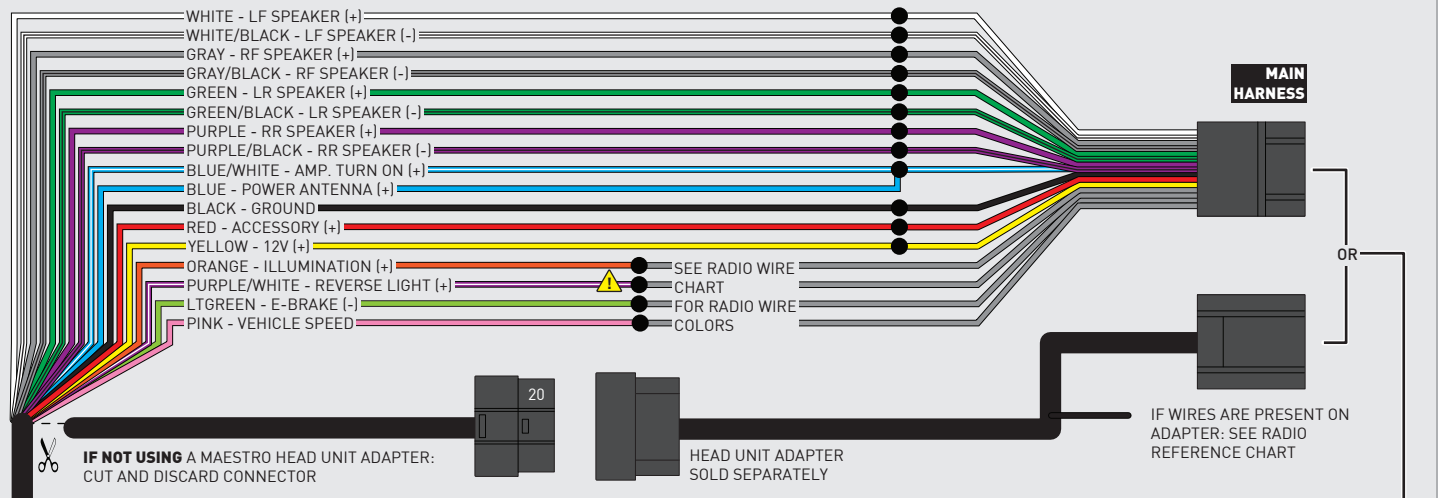- Connect the factory radio harness to the SR-AU1 T-harness.

STEP 4

- Connect the SR-AU1 harness to the Maestro SR module.
- Connect the Data cable.
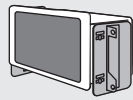
Test your installation.

WIRING DIAGRAM

STEP 1

WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP. TURN ON (+)
BLUE - POWER ANTENNA (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
PINK - VEHICLE SPEED

SEE RADIO WIRE
CHART
FOR RADIO WIRE
COLORS

MAIN HARNESS

OR

IF WIRES ARE PRESENT ON ADAPTER: SEE RADIO REFERENCE CHART

20

HEAD UNIT ADAPTER SOLD SEPARATELY

SR-AU1

IF NOT USING A MAESTRO HEAD UNIT ADAPTER: CUT AND DISCARD CONNECTOR

⚠ ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

DATA CABLE

STEP 3

FACTORY RADIO HARNESS

BLACK

16

RED

20

POWER ANT.

AMP TURNON   NC

POC1 -
POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 4

MAESTRO SR MODULE

16

3

NOT REQUIRED

STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

AU1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A

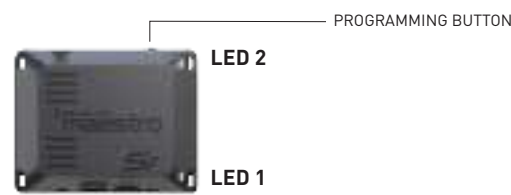## Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

PROGRAMMING BUTTON

LED 2

LED 1

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.

MAESTRO SR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).
Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.

RETAINS STEERING WHEEL CONTROLS AND MORE!

+

**HEAD UNIT
ADAPTER READY**

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-AU1 Installation Harness

PROGRAMMED FIRMWARE: AU1-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

Please note that Maestro SR will only retain functionalities that were originally available in the vehicle.

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.

VIDEO HELP

Last flash information, steering control configuration, vehicle information.

VERIFY FLASH

Software to program module.

WEBLINK

NEED HELP?

📞 1 866 427-2999

✉ maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

Remove the factory radio

If using head unit adapter (sold separately), connect SR-AU1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-AU1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-AU1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

- Plug the harnesses into the aftermarket radio.
- Plug the Data cable to the iDatalink port of the aftermarket radio.

Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 3

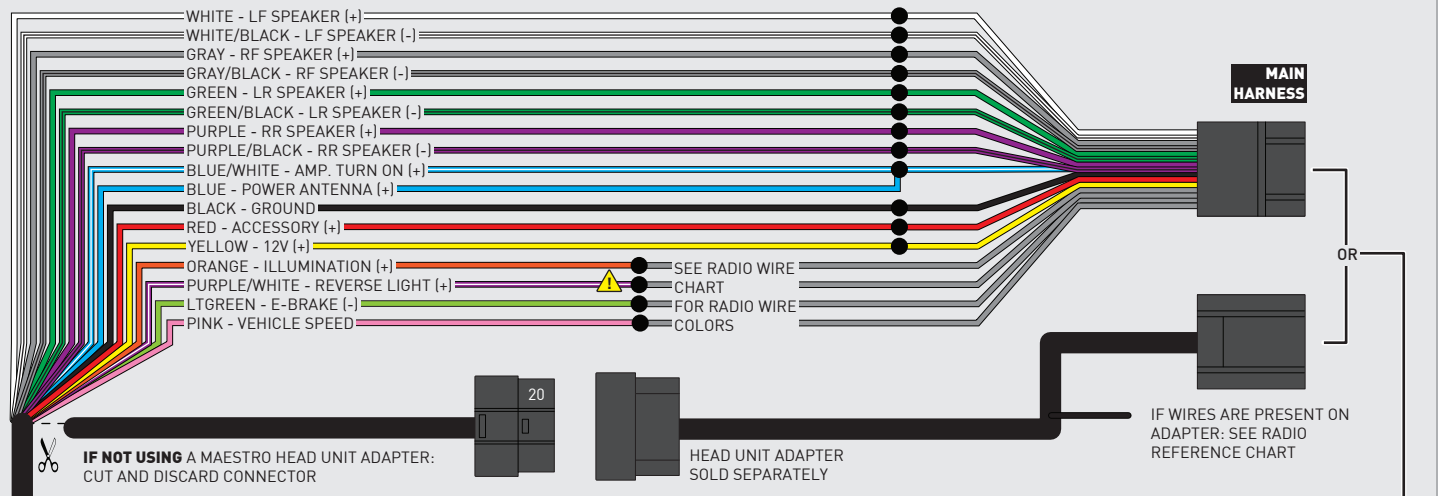- Connect the factory radio harness to the SR-AU1 T-harness.

STEP 4

- Connect the SR-AU1 harness to the Maestro SR module.
- Connect the Data cable.
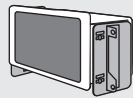
Test your installation.

WIRING DIAGRAM

STEP 1

WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP. TURN ON (+)
BLUE - POWER ANTENNA (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
PINK - VEHICLE SPEED

SEE RADIO WIRE
CHART
FOR RADIO WIRE
COLORS

MAIN HARNESS

OR

IF WIRES ARE PRESENT ON ADAPTER: SEE RADIO REFERENCE CHART

20

IF NOT USING A MAESTRO HEAD UNIT ADAPTER: CUT AND DISCARD CONNECTOR

HEAD UNIT ADAPTER SOLD SEPARATELY

⚠ ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-AU1

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

4

STEP 3

FACTORY RADIO HARNESS

BLACK

16

RED

20

DATA CABLE

POWER ANT.

AMP TURNON — NC

POC1 -
POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 4

MAESTRO SR MODULE

16

3

NOT REQUIRED

4 **STEERING WHEEL CONTROL CABLE**

4

RADIO WIRE REFERENCE CHART

AU1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A

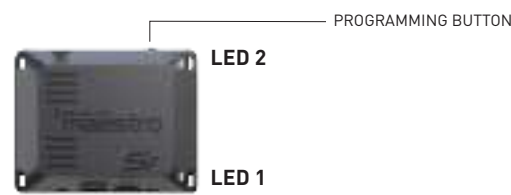## Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

PROGRAMMING BUTTON

LED 2

LED 1

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.

MAESTRO SR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).
Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.

INSTALL GUIDE

RETAINS STEERING WHEEL CONTROLS AND MORE!

+

**HEAD UNIT
ADAPTER READY**

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-AU1 Installation Harness

PROGRAMMED FIRMWARE: AU1-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

Please note that Maestro SR will only retain functionalities that were originally available in the vehicle.

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.   VIDEO HELP

Last flash information, steering control configuration, vehicle information.   VERIFY FLASH

Software to program module.   WEBLINK

NEED HELP?

📞 1 866 427-2999

✉ maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

Remove the factory radio

If using head unit adapter (sold separately), connect SR-AU1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-AU1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-AU1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

- Plug the harnesses into the aftermarket radio.
- Plug the Data cable to the iDatalink port of the aftermarket radio.

Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 3

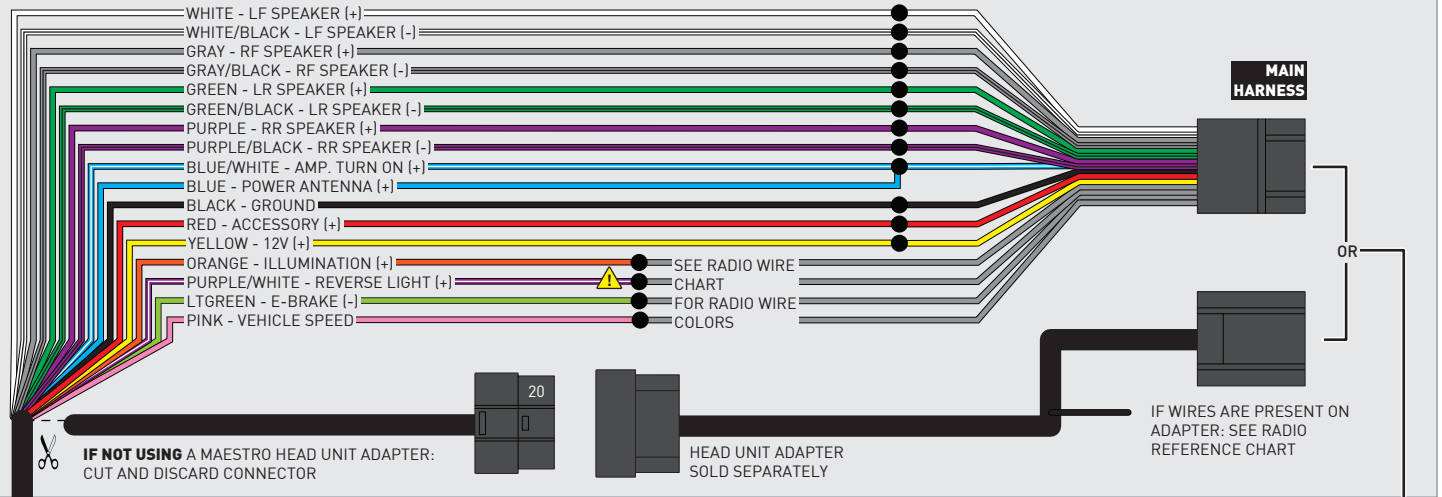- Connect the factory radio harness to the SR-AU1 T-harness.

STEP 4

- Connect the SR-AU1 harness to the Maestro SR module.
- Connect the Data cable.
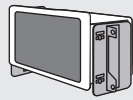
Test your installation.

1

WIRING DIAGRAM

STEP 1

WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
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BLUE - POWER ANTENNA (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
PINK - VEHICLE SPEED

SEE RADIO WIRE
CHART
FOR RADIO WIRE
COLORS

MAIN HARNESS

OR

IF WIRES ARE PRESENT ON
ADAPTER: SEE RADIO
REFERENCE CHART

20

HEAD UNIT ADAPTER
SOLD SEPARATELY

IF NOT USING A MAESTRO HEAD UNIT ADAPTER:
CUT AND DISCARD CONNECTOR

⚠️ ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A
CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-AU1

STEP 2

PIONEER RADIO: ENSURE THAT
NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

DATA CABLE

STEP 3

FACTORY RADIO HARNESS

BLACK

16

RED

20

POWER ANT.

AMP TURNON   NC

POC1 -
POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 4

MAESTRO SR MODULE

16

3

NOT REQUIRED

**STEERING WHEEL
CONTROL CABLE**

RADIO WIRE REFERENCE CHART

AU1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A

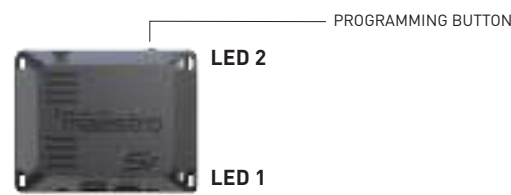## Head unit adapter wiring (optional accessory, sold separately)

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CAM	(+)	Green/Red	Refer to camera/radio manual
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Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

PROGRAMMING BUTTON

LED 2

LED 1

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
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●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.

MAESTRO SR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).
Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

TECHNICAL ASSISTANCE

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Email: maestro.support@idatalink.com

IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.

INSTALL GUIDE

2006
AUDI S4
WITH SYMPHONY PLUS

RETAINS STEERING WHEEL CONTROLS AND MORE!

+

**HEAD UNIT
ADAPTER READY**

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-AU1 Installation Harness

PROGRAMMED FIRMWARE: AU1-SR-DS

WELCOME

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ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP	
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH	
Software to program module.	WEBLINK	

NEED HELP?

📞 1 866 427-2999

✉ maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

Remove the factory radio

If using head unit adapter (sold separately), connect SR-AU1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-AU1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-AU1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

- Plug the harnesses into the aftermarket radio.
- Plug the Data cable to the iDatalink port of the aftermarket radio.

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STEP 3

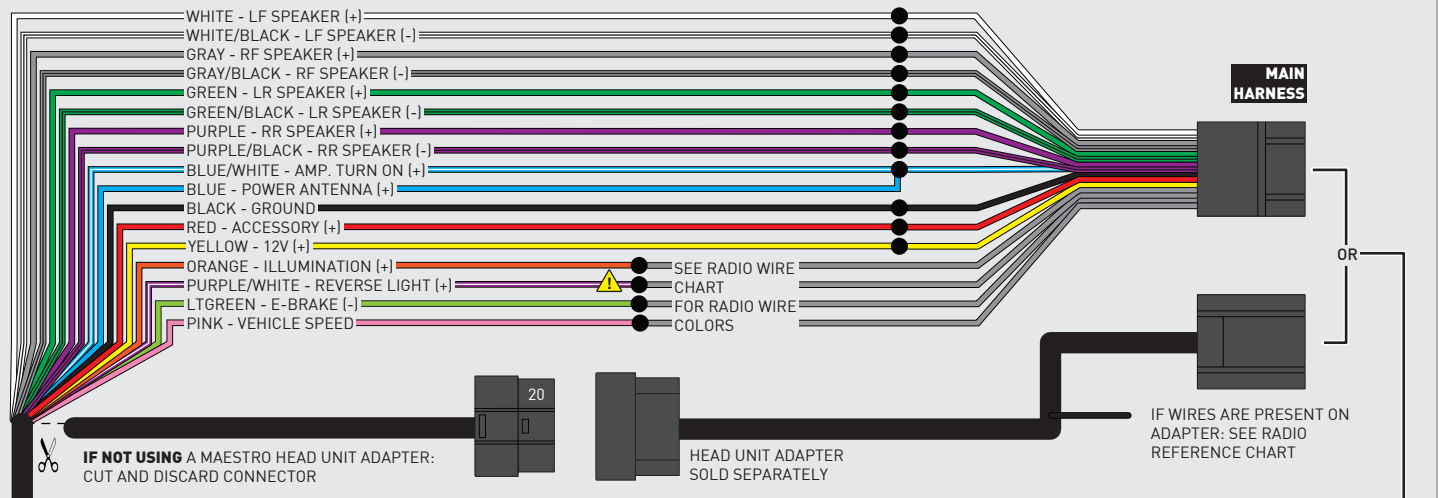- Connect the factory radio harness to the SR-AU1 T-harness.

STEP 4

- Connect the SR-AU1 harness to the Maestro SR module.
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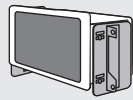
Test your installation.

1

WIRING DIAGRAM

STEP 1

WHITE – LF SPEAKER (+)
WHITE/BLACK – LF SPEAKER (–)
GRAY – RF SPEAKER (+)
GRAY/BLACK – RF SPEAKER (–)
GREEN – LR SPEAKER (+)
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PURPLE – RR SPEAKER (+)
PURPLE/BLACK – RR SPEAKER (–)
BLUE/WHITE – AMP. TURN ON (+)
BLUE – POWER ANTENNA (+)
BLACK – GROUND
RED – ACCESSORY (+)
YELLOW – 12V (+)
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CHART
FOR RADIO WIRE
COLORS

MAIN HARNESS

OR

IF WIRES ARE PRESENT ON
ADAPTER: SEE RADIO
REFERENCE CHART

IF NOT USING A MAESTRO HEAD UNIT ADAPTER:
CUT AND DISCARD CONNECTOR

20

HEAD UNIT ADAPTER
SOLD SEPARATELY

SR-AU1

⚠️ **ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.**

STEP 2

PIONEER RADIO: ENSURE THAT
NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

4

DATA CABLE

STEP 3

FACTORY RADIO HARNESS

BLACK

16

RED

20

POWER ANT.

AMP TURNON   NC

POC1 –
POC2 –   User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 4

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4   **STEERING WHEEL CONTROL CABLE**

RADIO WIRE REFERENCE CHART

AU1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A

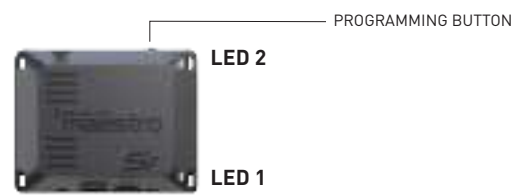## Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

PROGRAMMING BUTTON

LED 2

LED 1

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.

MAESTRO SR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).
Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.

RETAINS STEERING WHEEL CONTROLS AND MORE!

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED
iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-AU1 Installation Harness

PROGRAMMED FIRMWARE: AU1-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

Please note that Maestro SR will only retain functionalities that were originally available in the vehicle.

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.　　VIDEO HELP

Last flash information, steering control configuration, vehicle information.　　VERIFY FLASH

Software to program module.　　WEBLINK

NEED HELP?

📞　1 866 427-2999

✉　maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

Remove the factory radio

If using head unit adapter (sold separately), connect SR-AU1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-AU1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-AU1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

- Plug the harnesses into the aftermarket radio.
- Plug the Data cable to the iDatalink port of the aftermarket radio.

Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 3

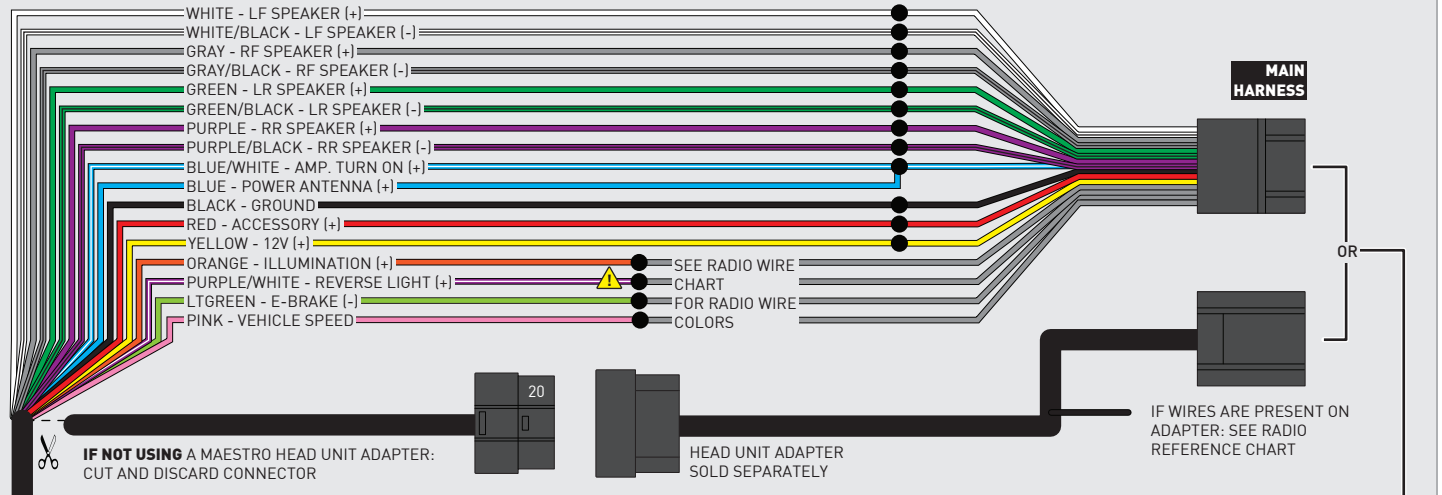- Connect the factory radio harness to the SR-AU1 T-harness.

STEP 4

- Connect the SR-AU1 harness to the Maestro SR module.
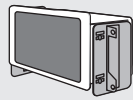- Connect the Data cable.

Test your installation.

AU1-SR-DS-(SR-AU1)-EN

WIRING DIAGRAM

STEP 1

WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP. TURN ON (+)
BLUE - POWER ANTENNA (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
PINK - VEHICLE SPEED

SEE RADIO WIRE
CHART
FOR RADIO WIRE
COLORS

MAIN HARNESS

OR

IF WIRES ARE PRESENT ON
ADAPTER: SEE RADIO
REFERENCE CHART

IF NOT USING A MAESTRO HEAD UNIT ADAPTER:
CUT AND DISCARD CONNECTOR

20

HEAD UNIT ADAPTER
SOLD SEPARATELY

⚠ ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A
CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-AU1

STEP 2

PIONEER RADIO: ENSURE THAT
NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

STEP 3

BLACK

16

FACTORY RADIO HARNESS

RED

20

DATA CABLE

POWER ANT.

AMP TURNON   NC

POC1 -
POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 4

MAESTRO SR MODULE

16

3

NOT REQUIRED

STEERING WHEEL
CONTROL CABLE

RADIO WIRE REFERENCE CHART

AU1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A

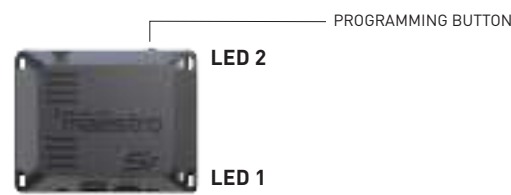## Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

PROGRAMMING BUTTON

LED 2

LED 1

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.

MAESTRO SR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).
Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.

INSTALL GUIDE

2007-2008
AUDI S4
WITHOUT FACTORY NAVIGATION

RETAINS STEERING WHEEL CONTROLS AND MORE!

+

HEAD UNIT ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-AU1 Installation Harness

PROGRAMMED FIRMWARE: AU1-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

Please note that Maestro SR will only retain functionalities that were originally available in the vehicle.

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.   VIDEO HELP

Last flash information, steering control configuration, vehicle information.   VERIFY FLASH

Software to program module.   WEBLINK

NEED HELP?

📞 1 866 427-2999

✉ maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1 /1

STEP 1

Remove the factory radio

If using head unit adapter (sold separately), connect SR-AU1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-AU1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-AU1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

- Plug the harnesses into the aftermarket radio.
- Plug the Data cable to the iDatalink port of the aftermarket radio.

Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 3

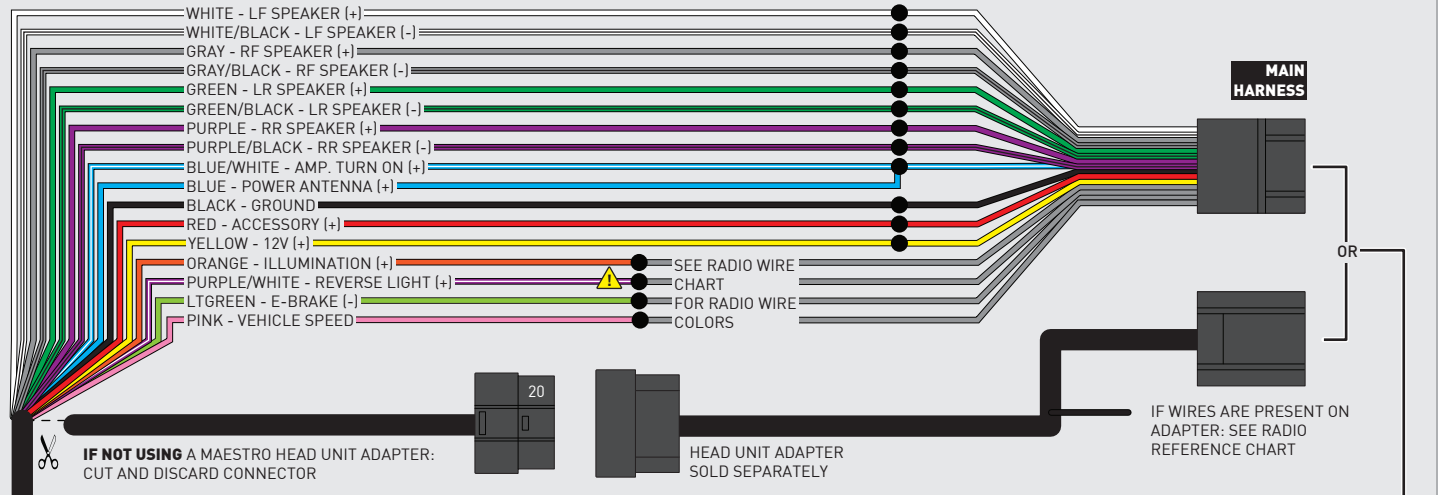- Connect the factory radio harness to the SR-AU1 T-harness.

STEP 4

- Connect the SR-AU1 harness to the Maestro SR module.
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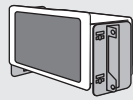
Test your installation.

1

WIRING DIAGRAM

STEP 1

WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
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PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
PINK - VEHICLE SPEED

SEE RADIO WIRE CHART FOR RADIO WIRE COLORS

MAIN HARNESS

OR

IF WIRES ARE PRESENT ON ADAPTER: SEE RADIO REFERENCE CHART

20

IF NOT USING A MAESTRO HEAD UNIT ADAPTER: CUT AND DISCARD CONNECTOR

HEAD UNIT ADAPTER SOLD SEPARATELY

SR-AU1

⚠️ ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

STEP 2

AFTERMARKET RADIO

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

STEP 3

FACTORY RADIO HARNESS

BLACK

16

RED

20

DATA CABLE

POWER ANT.

AMP TURNON — NC

POC1 -
POC2 -

User configurable output - set up during module programming if desired. Low current negative (-350mA) polarity output used to trigger a relay.

STEP 4

MAESTRO SR MODULE

16

3

NOT REQUIRED

4 **STEERING WHEEL CONTROL CABLE**

RADIO WIRE REFERENCE CHART

AU1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A

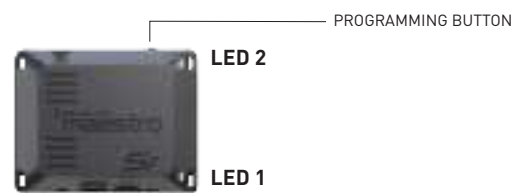## Head unit adapter wiring (optional accessory, sold separately)

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CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

PROGRAMMING BUTTON

LED 2

LED 1

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
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●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.

MAESTRO SR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).
Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.

INSTALL GUIDE

2007-2015
AUDI TT

RETAINS STEERING WHEEL CONTROLS AND MORE!

+

**HEAD UNIT
ADAPTER READY**

PRODUCTS REQUIRED

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iDatalink Maestro SR-AU1 Installation Harness

PROGRAMMED FIRMWARE: AU1-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

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Please note that Maestro SR will only retain functionalities that were originally available in the vehicle.

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.

VIDEO HELP

Last flash information, steering control configuration, vehicle information.

VERIFY FLASH

Software to program module.

WEBLINK

NEED HELP?

📞 1 866 427-2999

✉ maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

Remove the factory radio

If using head unit adapter (sold separately), connect SR-AU1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-AU1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-AU1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

- Plug the harnesses into the aftermarket radio.
- Plug the Data cable to the iDatalink port of the aftermarket radio.

Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 3

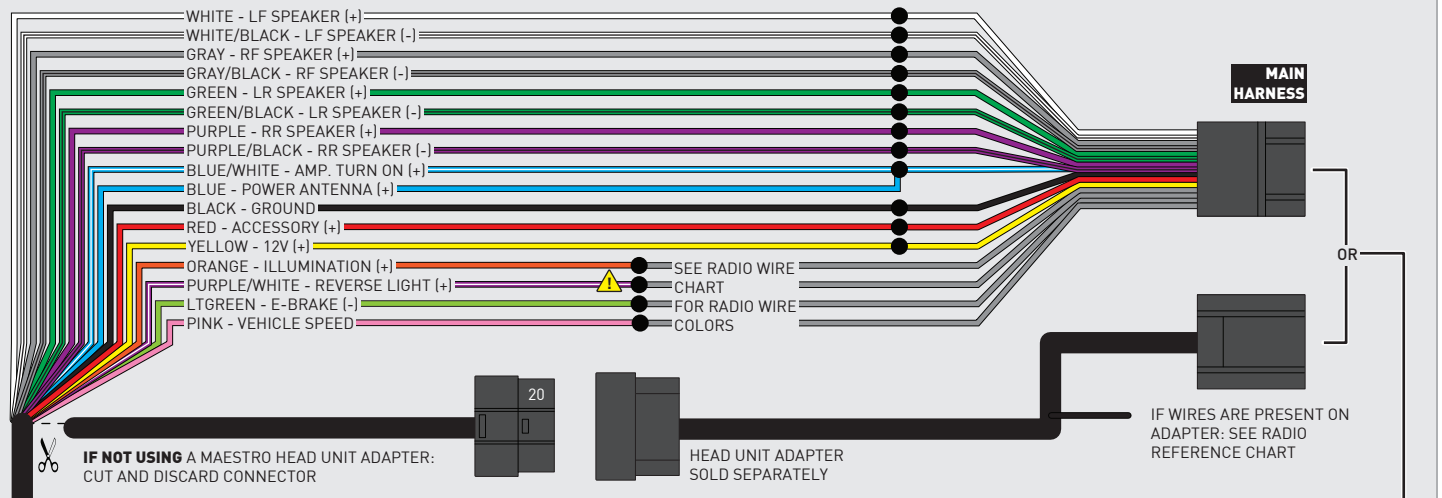- Connect the factory radio harness to the SR-AU1 T-harness.

STEP 4

- Connect the SR-AU1 harness to the Maestro SR module.
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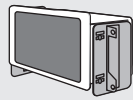
Test your installation.

WIRING DIAGRAM

STEP 1

WHITE – LF SPEAKER (+)
WHITE/BLACK – LF SPEAKER (-)
GRAY – RF SPEAKER (+)
GRAY/BLACK – RF SPEAKER (-)
GREEN – LR SPEAKER (+)
GREEN/BLACK – LR SPEAKER (-)
PURPLE – RR SPEAKER (+)
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BLUE/WHITE – AMP. TURN ON (+)
BLUE – POWER ANTENNA (+)
BLACK – GROUND
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YELLOW – 12V (+)
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PURPLE/WHITE – REVERSE LIGHT (+)
LTGREEN – E-BRAKE (-)
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SEE RADIO WIRE
CHART
FOR RADIO WIRE
COLORS

MAIN HARNESS

OR

IF WIRES ARE PRESENT ON
ADAPTER: SEE RADIO
REFERENCE CHART

20

HEAD UNIT ADAPTER
SOLD SEPARATELY

IF NOT USING A MAESTRO HEAD UNIT ADAPTER:
CUT AND DISCARD CONNECTOR

⚠ ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A
CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-AU1

STEP 2

PIONEER RADIO: ENSURE THAT
NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

STEP 3

BLACK

16

FACTORY RADIO HARNESS

RED

20

DATA CABLE

POWER ANT.

AMP TURNON   NC

POC1 -
POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 4

MAESTRO SR MODULE

16

3

NOT REQUIRED

**STEERING WHEEL
CONTROL CABLE**

RADIO WIRE REFERENCE CHART

AU1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A

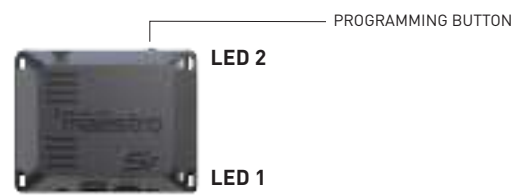## Head unit adapter wiring (optional accessory, sold separately)

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E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

PROGRAMMING BUTTON

LED 2

LED 1

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.

MAESTRO SR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).
Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.

RETAINS STEERING WHEEL CONTROLS AND MORE!

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-AU1 Installation Harness

PROGRAMMED FIRMWARE: AU1-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

Please note that Maestro SR will only retain functionalities that were originally available in the vehicle.

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP	
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH	
Software to program module.	WEBLINK	

NEED HELP?

📞 1 866 427-2999

✉ maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

Remove the factory radio

If using head unit adapter (sold separately), connect SR-AU1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-AU1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-AU1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

- Plug the harnesses into the aftermarket radio.
- Plug the Data cable to the iDatalink port of the aftermarket radio.

Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 3

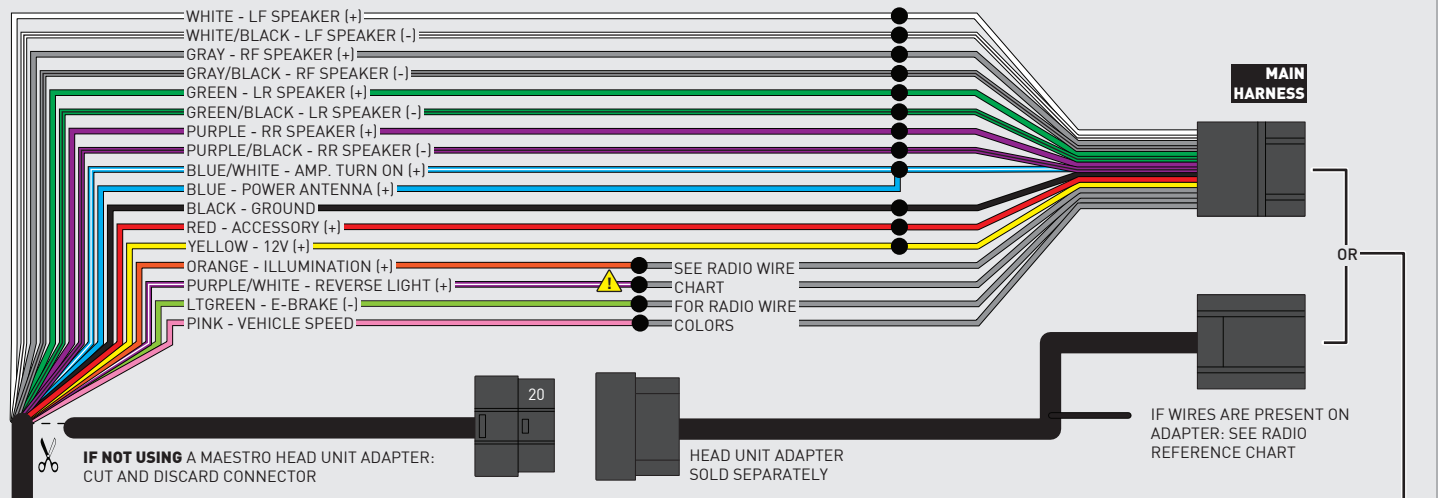- Connect the factory radio harness to the SR-AU1 T-harness.

STEP 4

- Connect the SR-AU1 harness to the Maestro SR module.
- Connect the Data cable.
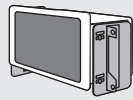
Test your installation.

WIRING DIAGRAM

STEP 1

MAIN HARNESS

WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP. TURN ON (+)
BLUE - POWER ANTENNA (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
PINK - VEHICLE SPEED

SEE RADIO WIRE CHART FOR RADIO WIRE COLORS

OR

IF WIRES ARE PRESENT ON ADAPTER: SEE RADIO REFERENCE CHART

20

IF NOT USING A MAESTRO HEAD UNIT ADAPTER: CUT AND DISCARD CONNECTOR

HEAD UNIT ADAPTER SOLD SEPARATELY

SR-AU1

⚠ ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

STEP 2

AFTERMARKET RADIO

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

DATA CABLE

STEP 3

FACTORY RADIO HARNESS

BLACK
16

RED
20

POWER ANT.

AMP TURNON   NC

POC1 -
POC2 -   User configurable output - set up during module programming if desired. Low current negative (-350mA) polarity output used to trigger a relay.

STEP 4

MAESTRO SR MODULE

16

3

NOT REQUIRED

STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

AU1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A

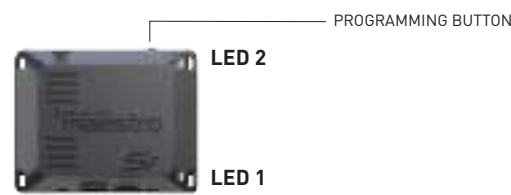## Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

PROGRAMMING BUTTON

LED 2

LED 1

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.

MAESTRO SR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).
Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.

INSTALL GUIDE

2009-2015
AUDI TT-S

RETAINS STEERING WHEEL CONTROLS AND MORE!

+

**HEAD UNIT
ADAPTER READY**

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-AU1 Installation Harness

PROGRAMMED FIRMWARE: AU1-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

Please note that Maestro SR will only retain functionalities that were originally available in the vehicle.

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.

VIDEO HELP

Last flash information, steering control configuration, vehicle information.

VERIFY FLASH

Software to program module.

WEBLINK

NEED HELP?

📞 1 866 427-2999

✉ maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1 /1

STEP 1

Remove the factory radio

If using head unit adapter (sold separately), connect SR-AU1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-AU1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-AU1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

- Plug the harnesses into the aftermarket radio.
- Plug the Data cable to the iDatalink port of the aftermarket radio.

Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 3

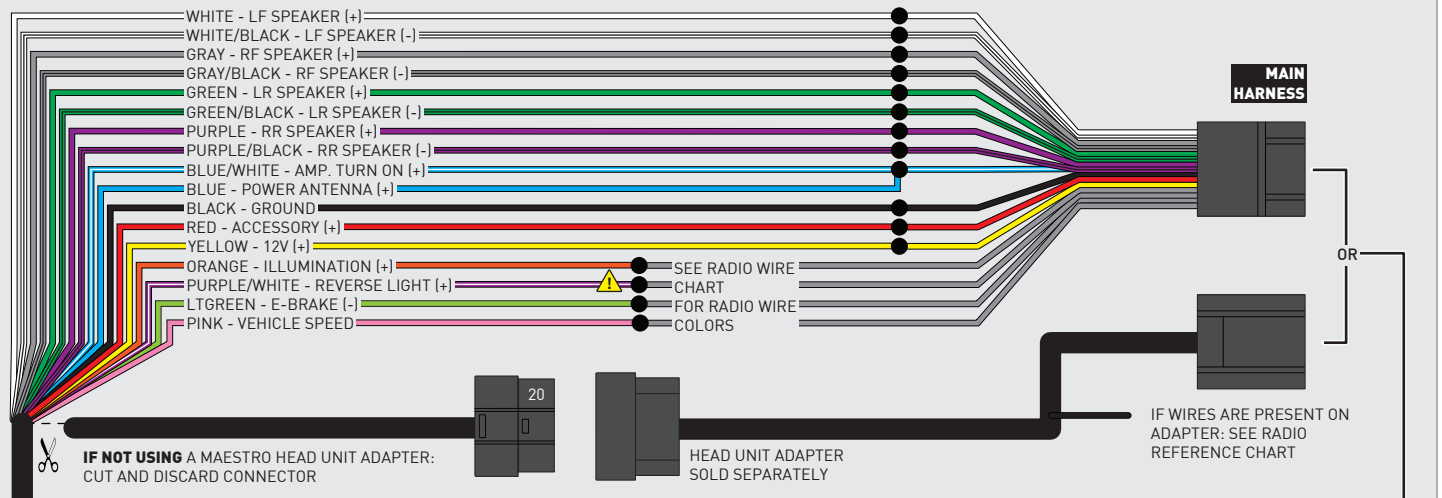- Connect the factory radio harness to the SR-AU1 T-harness.

STEP 4

- Connect the SR-AU1 harness to the Maestro SR module.
- Connect the Data cable.
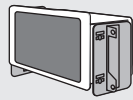
Test your installation.

WIRING DIAGRAM

STEP 1

WHITE – LF SPEAKER (+)
WHITE/BLACK – LF SPEAKER (-)
GRAY – RF SPEAKER (+)
GRAY/BLACK – RF SPEAKER (-)
GREEN – LR SPEAKER (+)
GREEN/BLACK – LR SPEAKER (-)
PURPLE – RR SPEAKER (+)
PURPLE/BLACK – RR SPEAKER (-)
BLUE/WHITE – AMP. TURN ON (+)
BLUE – POWER ANTENNA (+)
BLACK – GROUND
RED – ACCESSORY (+)
YELLOW – 12V (+)
ORANGE – ILLUMINATION (+)
PURPLE/WHITE – REVERSE LIGHT (+)
LTGREEN – E-BRAKE (-)
PINK – VEHICLE SPEED

SEE RADIO WIRE
CHART
FOR RADIO WIRE
COLORS

MAIN HARNESS

OR

20

IF NOT USING A MAESTRO HEAD UNIT ADAPTER: CUT AND DISCARD CONNECTOR

HEAD UNIT ADAPTER
SOLD SEPARATELY

IF WIRES ARE PRESENT ON ADAPTER: SEE RADIO REFERENCE CHART

⚠️ ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-AU1

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

4

STEP 3

FACTORY RADIO HARNESS

BLACK

16

RED

20

DATA CABLE

POWER ANT.

AMP TURNON   NC

POC1 -
POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 4

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4 **STEERING WHEEL CONTROL CABLE**

RADIO WIRE REFERENCE CHART

AU1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A

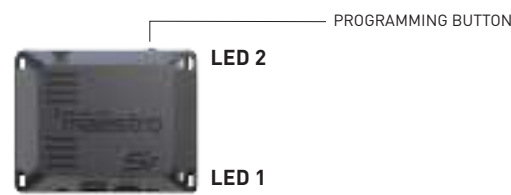## Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

PROGRAMMING BUTTON

LED 2

LED 1

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.

MAESTRO SR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).
Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.

HOW TO USE THIS INSTALL GUIDE

1 Open the Bookmarks menu and find your vehicle OR scroll down until you find the install guide for your vehicle.

2 Print only the pages for your vehicle using the advanced options in the Print menu.

3 Install your Maestro SR according to the guide for your vehicle.

WARNING

Pressing the printer icon or "quick printing" this document will print all of the guides in this compilation.

INSTALL GUIDE

2006-2007
AUDI A3
WITH CONCERT RADIO WITHOUT NAV

RETAINS STEERING WHEEL CONTROLS AND MORE!

+

**HEAD UNIT
ADAPTER READY**

PRODUCTS REQUIRED
iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-AU1 Installation Harness

PROGRAMMED FIRMWARE: AU1-SR-AS

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

Please note that Maestro SR will only retain functionalities that were originally available in the vehicle.

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP	
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH	
Software to program module.	WEBLINK	

NEED HELP?

📞 1 866 427-2999

✉ maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1 /1

STEP 1

Remove the factory radio

If using head unit adapter (sold separately), connect SR-AU1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-AU1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-AU1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

- Plug the harnesses into the aftermarket radio.
- Connect the steering wheel control cable to the aftermarket radio. Connect either the blue/yellow wire (Kenwood/JVC or radios with SWI/KEY wires) or the 3.5mm to the steering control input of the radio (see Radio Wire Reference Chart for more details).

STEP 3

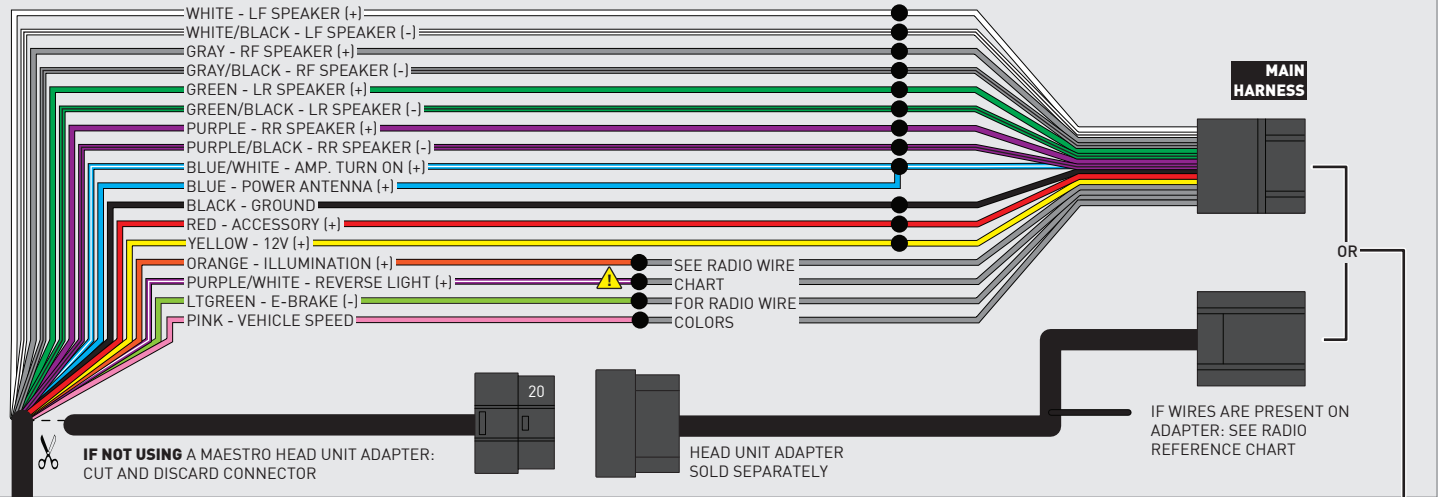- Connect the factory radio harness to the SR-AU1 T-harness.

STEP 4

- Connect the SR-AU1 harness to the Maestro SR module.
- Connect the steering wheel control cable.
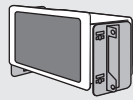
Test your installation.

1

WIRING DIAGRAM

STEP 1

WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP. TURN ON (+)
BLUE - POWER ANTENNA (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
PINK - VEHICLE SPEED

SEE RADIO WIRE
CHART
FOR RADIO WIRE
COLORS

MAIN HARNESS

OR

IF WIRES ARE PRESENT ON ADAPTER: SEE RADIO REFERENCE CHART

20

✂ **IF NOT USING** A MAESTRO HEAD UNIT ADAPTER: CUT AND DISCARD CONNECTOR

HEAD UNIT ADAPTER
SOLD SEPARATELY

⚠ ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-AU1

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

OR

STEP 3

FACTORY RADIO HARNESS

BLACK

16

RED

20

STEERING WHEEL CONTROL CABLE

POWER ANT.
AMP TURNON — NC

POC1 -
POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 4

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4 — DATA CABLE — 4

RADIO WIRE REFERENCE CHART

AU1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

* Reverse light wire: Only connect to radio or module damage will occur.
  Other brands, refer to aftermarker radio guide. Some radios may not be equipped with all wires listed.

Description	Polarity	Maestro Steering Wheel Control wire	Radio with Steering Wheel Control Port	*Alpine Radio With SWI1, SWI2, Ground Wires	JVC or Kenwood	*Other Radio Brands With SWI1, SWI2, Ground Wires OR Key1, Key2, Ground Wires
Maestro Steering Wheel Control Cable	(DATA)	3.5mm Jack	3.5mm SWC Input Port	Not Connected (secure the jack)	Not Connected (secure the jack)	Not Connected (secure the jack)
	(DATA)	Blue/Yellow Wire	Not Connected	SWI1 Input	Blue/Yellow Wire	SWI1 Input or Key1 Input

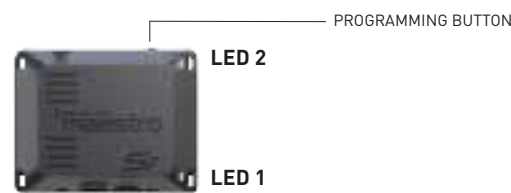*Manually learn the buttons to the radio in the radio steering wheel control menu.

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	Blue/Yellow

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	Blue/Yellow

MODULE DIAGNOSTICS

PROGRAMMING BUTTON

LED 2

LED 1

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION

Steering wheel controls do not work but LED on the Maestro does blink when steering wheel buttons are pressed.	Verify the buttons are set up in the flash. If any button is set to "none" for "press once", it will do nothing. "Hold" column can be left as none and the "press once" function will operate with one press and when holding the button.
	
	Ensure the blue 4-pin steering wheel control cable is connected between the Maestro and the radio. The radio will use either the 3.5mm jack OR the blue/yellow wire, not both.
	Connect the 3.5mm jack from the Maestro blue 4-pin cable to the radio's 3.5mm port (labeled steering, remote, or wheel). If no such port exists, wire the blue/yellow to blue/yellow (Kenwood/JVC) or to the radio's Key 1 wire (brands not listed/other) and secure the 3.5mm jack. It will not be used.
	
	Refer to radio's owner's manual to verify if the radio has this function:
	    Alpine models with button learning (SWI1/2/GND wires on back of radio): Connect blue/yellow wire from the blue 4-pin to the radio's SWI1 input. Manually learn the buttons to the radio in the radio steering wheel control menus.
	    JVC/Kenwood - Steering Wheel Control (ON/OFF): choose ON
	    Nakamichi – if model is listed, ensure PAC mode is on. If "other", learn the buttons in the radio steering wheel menu.
	    Sony - Steering Wheel Control (Custom/Preset): choose Preset. If phone buttons do not operate properly, flash the module as Pioneer – 2009 and newer with BT. Then select "custom" instead of "preset" and learn the buttons in the radio menu.
	    Other brands – radio should have a steering wheel menu to learn the buttons. You may have to select type A/B/C/1/2/3 and try learning again if buttons are not saving. Refer to radio manufacturer's tech support for further advice if not learning properly.

The radio doesn't turn on. LED on the Maestro is not flashing.	Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow. If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully.

MAESTRO SR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).
Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.

INSTALL GUIDE

2002-2006
AUDI A4
WITH SYMPHONY RADIO WITHOUT NAV

RETAINS STEERING WHEEL CONTROLS AND MORE!

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED
iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-AU1 Installation Harness

PROGRAMMED FIRMWARE: AU1-SR-AS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

Please note that Maestro SR will only retain functionalities that were originally available in the vehicle.

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP	
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH	
Software to program module.	WEBLINK	

NEED HELP?

📞 1 866 427-2999

✉ maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1 /1

STEP 1

Remove the factory radio

If using head unit adapter (sold separately), connect SR-AU1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-AU1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-AU1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

- Plug the harnesses into the aftermarket radio.
- Connect the steering wheel control cable to the aftermarket radio. Connect either the blue/yellow wire (Kenwood/JVC or radios with SWI/KEY wires) or the 3.5mm to the steering control input of the radio (see Radio Wire Reference Chart for more details).

STEP 3

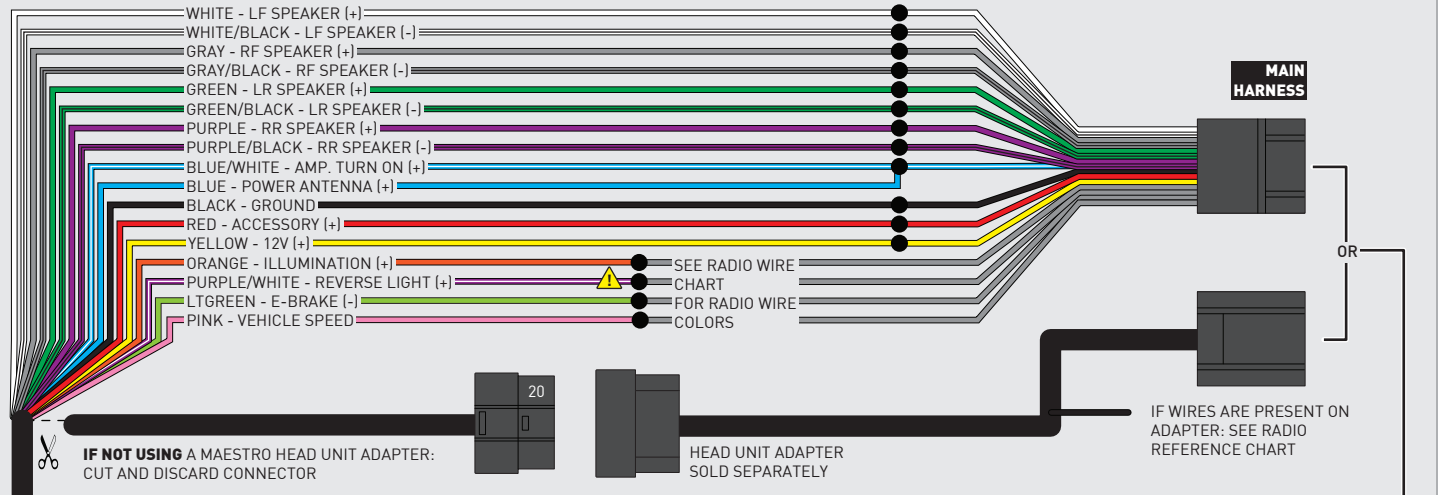- Connect the factory radio harness to the SR-AU1 T-harness.

STEP 4

- Connect the SR-AU1 harness to the Maestro SR module.
- Connect the steering wheel control cable.
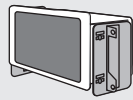
Test your installation.

WIRING DIAGRAM

STEP 1

WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP. TURN ON (+)
BLUE - POWER ANTENNA (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
PINK - VEHICLE SPEED

SEE RADIO WIRE CHART FOR RADIO WIRE COLORS

MAIN HARNESS

OR

IF WIRES ARE PRESENT ON ADAPTER: SEE RADIO REFERENCE CHART

20

IF NOT USING A MAESTRO HEAD UNIT ADAPTER: CUT AND DISCARD CONNECTOR

HEAD UNIT ADAPTER SOLD SEPARATELY

⚠️ ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-AU1

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

OR

STEP 3

FACTORY RADIO HARNESS

BLACK
16

RED
20

STEERING WHEEL CONTROL CABLE

POWER ANT.
AMP TURNON — NC

POC1 -
POC2 -
User configurable output - set up during module programming if desired. Low current negative (-350mA) polarity output used to trigger a relay.

STEP 4

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4 — DATA CABLE — 4

RADIO WIRE REFERENCE CHART

AU1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

* Reverse light wire: Only connect to radio or module damage will occur.

Other brands, refer to aftermarker radio guide. Some radios may not be equipped with all wires listed.

Description	Polarity	Maestro Steering Wheel Control wire	Radio with Steering Wheel Control Port	*Alpine Radio With SWI1, SWI2, Ground Wires	JVC or Kenwood	*Other Radio Brands With SWI1, SWI2, Ground Wires OR Key1, Key2, Ground Wires
Maestro Steering Wheel Control Cable	(DATA)	3.5mm Jack	3.5mm SWC Input Port	Not Connected (secure the jack)	Not Connected (secure the jack)	Not Connected (secure the jack)
	(DATA)	Blue/Yellow Wire	Not Connected	SWI1 Input	Blue/Yellow Wire	SWI1 Input or Key1 Input

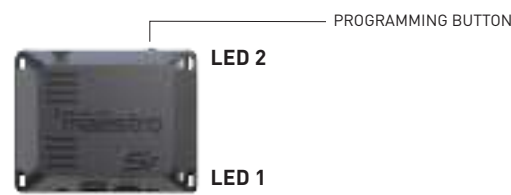*Manually learn the buttons to the radio in the radio steering wheel control menu.

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/ radio manual
CAM	(-)	Green/White	Refer to camera/ radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	Blue/Yellow

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	Blue/Yellow

MODULE DIAGNOSTICS

PROGRAMMING BUTTON

LED 2

LED 1

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Steering wheel controls do not work but LED on the Maestro does blink when steering wheel buttons are pressed.	Verify the buttons are set up in the flash. If any button is set to "none" for "press once", it will do nothing. "Hold" column can be left as none and the "press once" function will operate with one press and when holding the button. Ensure the blue 4-pin steering wheel control cable is connected between the Maestro and the radio. The radio will use either the 3.5mm jack OR the blue/yellow wire, not both. Connect the 3.5mm jack from the Maestro blue 4-pin cable to the radio's 3.5mm port (labeled steering, remote, or wheel). If no such port exists, wire the blue/yellow to blue/yellow (Kenwood/JVC) or to the radio's Key 1 wire (brands not listed/other) and secure the 3.5mm jack. It will not be used. Refer to radio's owner's manual to verify if the radio has this function: **Alpine** models with button learning (SWI1/2/GND wires on back of radio): Connect blue/yellow wire from the blue 4-pin to the radio's SWI1 input. Manually learn the buttons to the radio in the radio steering wheel control menus. **JVC/Kenwood** - Steering Wheel Control (ON/OFF): choose ON **Nakamichi** – if model is listed, ensure PAC mode is on. If "other", learn the buttons in the radio steering wheel menu. **Sony** - Steering Wheel Control (Custom/Preset): choose Preset. If phone buttons do not operate properly, flash the module as Pioneer – 2009 and newer with BT. Then select "custom" instead of "preset" and learn the buttons in the radio menu. **Other brands** – radio should have a steering wheel menu to learn the buttons. You may have to select type A/B/C/1/2/3 and try learning again if buttons are not saving. Refer to radio manufacturer's tech support for further advice if not learning properly.
The radio doesn't turn on. LED on the Maestro is not flashing.	Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow. If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully.

MAESTRO SR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).
Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.

RETAINS STEERING WHEEL CONTROLS AND MORE!

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-AU1 Installation Harness

PROGRAMMED FIRMWARE: AU1-SR-AS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

Please note that Maestro SR will only retain functionalities that were originally available in the vehicle.

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP	
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH	
Software to program module.	WEBLINK	

NEED HELP?

📞 1 866 427-2999

✉ maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1 /1

STEP 1

Remove the factory radio

If using head unit adapter (sold separately), connect SR-AU1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-AU1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-AU1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

- Plug the harnesses into the aftermarket radio.
- Connect the steering wheel control cable to the aftermarket radio. Connect either the blue/yellow wire (Kenwood/JVC or radios with SWI/KEY wires) or the 3.5mm to the steering control input of the radio (see Radio Wire Reference Chart for more details).

STEP 3

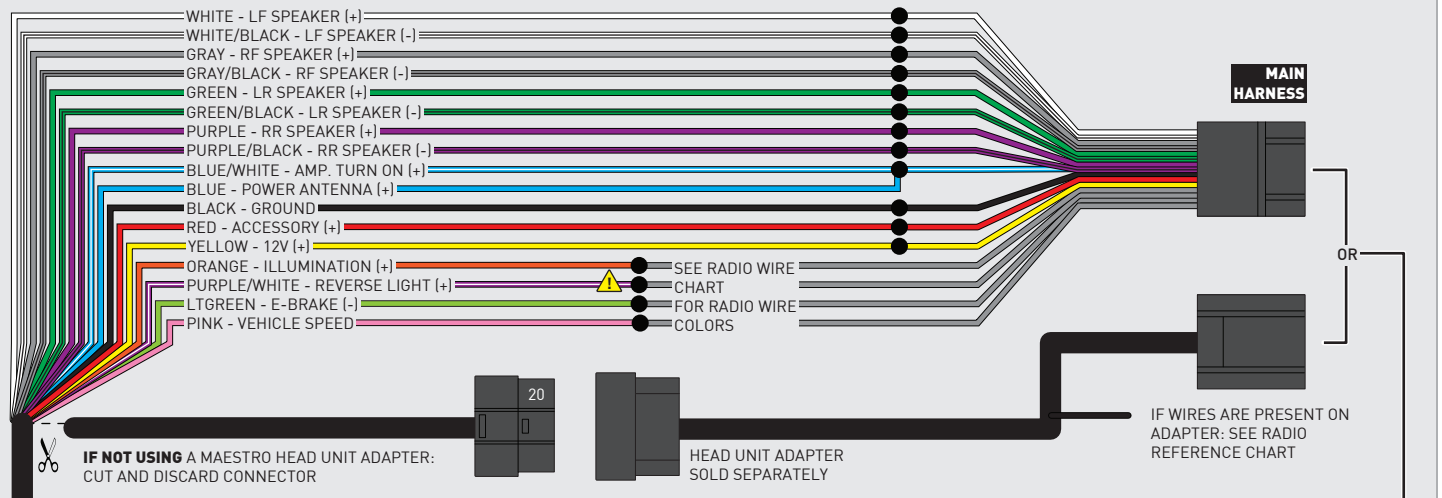- Connect the factory radio harness to the SR-AU1 T-harness.

STEP 4

- Connect the SR-AU1 harness to the Maestro SR module.
- Connect the steering wheel control cable.
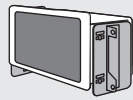
Test your installation.

1

WIRING DIAGRAM

STEP 1

WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
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BLUE/WHITE - AMP. TURN ON (+)
BLUE - POWER ANTENNA (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
PINK - VEHICLE SPEED

SEE RADIO WIRE
CHART
FOR RADIO WIRE
COLORS

MAIN HARNESS

OR

IF WIRES ARE PRESENT ON ADAPTER: SEE RADIO REFERENCE CHART

20

IF NOT USING A MAESTRO HEAD UNIT ADAPTER: CUT AND DISCARD CONNECTOR

HEAD UNIT ADAPTER SOLD SEPARATELY

⚠ ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-AU1

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

OR

STEP 3

FACTORY RADIO HARNESS

BLACK

16

RED

20

POWER ANT.

AMP TURNON   NC

POC1 -
POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEERING WHEEL CONTROL CABLE

STEP 4

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4   DATA CABLE   4

RADIO WIRE REFERENCE CHART

AU1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

* Reverse light wire: Only connect to radio or module damage will occur.
  Other brands, refer to aftermarker radio guide. Some radios may not be equipped with all wires listed.

Description	Polarity	Maestro Steering Wheel Control wire	Radio with Steering Wheel Control Port	*Alpine Radio With SWI1, SWI2, Ground Wires	JVC or Kenwood	*Other Radio Brands With SWI1, SWI2, Ground Wires OR Key1, Key2, Ground Wires
Maestro Steering Wheel Control Cable	(DATA)	3.5mm Jack	3.5mm SWC Input Port	Not Connected (secure the jack)	Not Connected (secure the jack)	Not Connected (secure the jack)
	(DATA)	Blue/Yellow Wire	Not Connected	SWI1 Input	Blue/Yellow Wire	SWI1 Input or Key1 Input

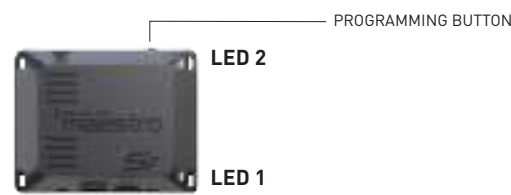*Manually learn the buttons to the radio in the radio steering wheel control menu.

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/ radio manual
CAM	(-)	Green/White	Refer to camera/ radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	Blue/Yellow

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	Blue/Yellow

MODULE DIAGNOSTICS

PROGRAMMING BUTTON

LED 2

LED 1

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
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●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION

Steering wheel controls do not work but LED on the Maestro does blink when steering wheel buttons are pressed.	Verify the buttons are set up in the flash. If any button is set to "none" for "press once", it will do nothing. "Hold" column can be left as none and the "press once" function will operate with one press and when holding the button.
	
	Ensure the blue 4-pin steering wheel control cable is connected between the Maestro and the radio. The radio will use either the 3.5mm jack OR the blue/yellow wire, not both.
	Connect the 3.5mm jack from the Maestro blue 4-pin cable to the radio's 3.5mm port (labeled steering, remote, or wheel). If no such port exists, wire the blue/yellow to blue/yellow (Kenwood/JVC) or to the radio's Key 1 wire (brands not listed/other) and secure the 3.5mm jack. It will not be used.
	
	Refer to radio's owner's manual to verify if the radio has this function:
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	    JVC/Kenwood - Steering Wheel Control (ON/OFF): choose ON
	    Nakamichi – if model is listed, ensure PAC mode is on. If "other", learn the buttons in the radio steering wheel menu.
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MAESTRO SR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
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Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.

INSTALL GUIDE

2004-2005
AUDI ALLROAD

RETAINS STEERING WHEEL CONTROLS AND MORE!

+

**HEAD UNIT
ADAPTER READY**

PRODUCTS REQUIRED
iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-AU1 Installation Harness

PROGRAMMED FIRMWARE: AU1-SR-AS

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

Please note that Maestro SR will only retain functionalities that were originally available in the vehicle.

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.

VIDEO HELP

Last flash information, steering control configuration, vehicle information.

VERIFY FLASH

Software to program module.

WEBLINK

NEED HELP?

📞 1 866 427-2999

✉ maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1 /1

STEP 1

Remove the factory radio

If using head unit adapter (sold separately), connect SR-AU1 harness to adapter and skip to step 2.

• Unbox the aftermarket radio and locate its main harness.

• Cut and remove the black 20 pin connector from the SR-AU1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-AU1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

• Plug the harnesses into the aftermarket radio.

• Connect the steering wheel control cable to the aftermarket radio. Connect either the blue/yellow wire (Kenwood/JVC or radios with SWI/KEY wires) or the 3.5mm to the steering control input of the radio (see Radio Wire Reference Chart for more details).

STEP 3

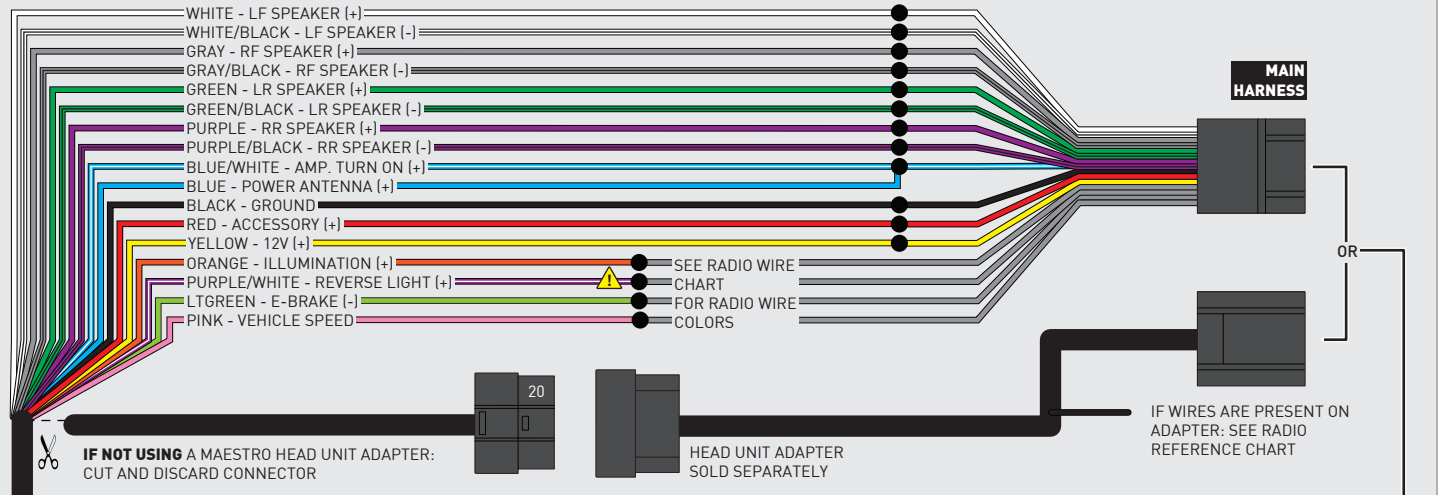• Connect the factory radio harness to the SR-AU1 T-harness.

STEP 4

• Connect the SR-AU1 harness to the Maestro SR module.

• Connect the steering wheel control cable.
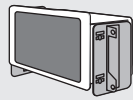
Test your installation.

WIRING DIAGRAM

STEP 1

1

WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
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BLUE/WHITE - AMP. TURN ON (+)
BLUE - POWER ANTENNA (+)
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YELLOW - 12V (+)
ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
PINK - VEHICLE SPEED

SEE RADIO WIRE
CHART
FOR RADIO WIRE
COLORS

MAIN HARNESS

OR

IF WIRES ARE PRESENT ON ADAPTER: SEE RADIO REFERENCE CHART

20

✂ **IF NOT USING** A MAESTRO HEAD UNIT ADAPTER: CUT AND DISCARD CONNECTOR

HEAD UNIT ADAPTER SOLD SEPARATELY

SR-AU1

⚠ ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

OR

STEP 3

FACTORY RADIO HARNESS

BLACK
16

RED
20

STEERING WHEEL CONTROL CABLE

POWER ANT.

AMP TURNON   NC

POC1 -
POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 4

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4   DATA CABLE   4

RADIO WIRE REFERENCE CHART

AU1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

* Reverse light wire: Only connect to radio or module damage will occur.
  Other brands, refer to aftermarker radio guide. Some radios may not be equipped with all wires listed.

Description	Polarity	Maestro Steering Wheel Control wire	Radio with Steering Wheel Control Port	*Alpine Radio With SWI1, SWI2, Ground Wires	JVC or Kenwood	*Other Radio Brands With SWI1, SWI2, Ground Wires OR Key1, Key2, Ground Wires
Maestro Steering Wheel Control Cable	(DATA)	3.5mm Jack	3.5mm SWC Input Port	Not Connected (secure the jack)	Not Connected (secure the jack)	Not Connected (secure the jack)
	(DATA)	Blue/Yellow Wire	Not Connected	SWI1 Input	Blue/Yellow Wire	SWI1 Input or Key1 Input

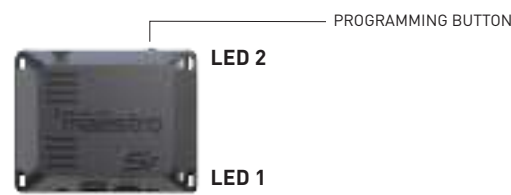*Manually learn the buttons to the radio in the radio steering wheel control menu.

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/ radio manual
CAM	(-)	Green/White	Refer to camera/ radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	Blue/Yellow

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	Blue/Yellow

MODULE DIAGNOSTICS

PROGRAMMING BUTTON

LED 2

LED 1

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Steering wheel controls do not work but LED on the Maestro does blink when steering wheel buttons are pressed.	Verify the buttons are set up in the flash. If any button is set to "none" for "press once", it will do nothing. "Hold" column can be left as none and the "press once" function will operate with one press and when holding the button. Ensure the blue 4-pin steering wheel control cable is connected between the Maestro and the radio. The radio will use either the 3.5mm jack OR the blue/yellow wire, not both. Connect the 3.5mm jack from the Maestro blue 4-pin cable to the radio's 3.5mm port (labeled steering, remote, or wheel). If no such port exists, wire the blue/yellow to blue/yellow (Kenwood/JVC) or to the radio's Key 1 wire (brands not listed/other) and secure the 3.5mm jack. It will not be used. Refer to radio's owner's manual to verify if the radio has this function: **Alpine** models with button learning (SWI1/2/GND wires on back of radio): Connect blue/yellow wire from the blue 4-pin to the radio's SWI1 input. Manually learn the buttons to the radio in the radio steering wheel control menus. **JVC/Kenwood** - Steering Wheel Control (ON/OFF): choose ON **Nakamichi** – if model is listed, ensure PAC mode is on. If "other", learn the buttons in the radio steering wheel menu. **Sony** - Steering Wheel Control (Custom/Preset): choose Preset. If phone buttons do not operate properly, flash the module as Pioneer – 2009 and newer with BT. Then select "custom" instead of "preset" and learn the buttons in the radio menu. **Other brands** – radio should have a steering wheel menu to learn the buttons. You may have to select type A/B/C/1/2/3 and try learning again if buttons are not saving. Refer to radio manufacturer's tech support for further advice if not learning properly.
The radio doesn't turn on. LED on the Maestro is not flashing.	Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow. If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully.

MAESTRO SR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).
Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.

maestro Sr

RETAINS STEERING WHEEL CONTROLS AND MORE!

+

**HEAD UNIT
ADAPTER READY**

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-AU1 Installation Harness

PROGRAMMED FIRMWARE: AU1-SR-AS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

Please note that Maestro SR will only retain functionalities that were originally available in the vehicle.

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP	
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH	
Software to program module.	WEBLINK	

NEED HELP?

📞 1 866 427-2999

✉ maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1 /1

STEP 1

Remove the factory radio

If using head unit adapter (sold separately), connect SR-AU1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-AU1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-AU1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

- Plug the harnesses into the aftermarket radio.
- Connect the steering wheel control cable to the aftermarket radio. Connect either the blue/yellow wire (Kenwood/JVC or radios with SWI/KEY wires) or the 3.5mm to the steering control input of the radio (see Radio Wire Reference Chart for more details).

STEP 3

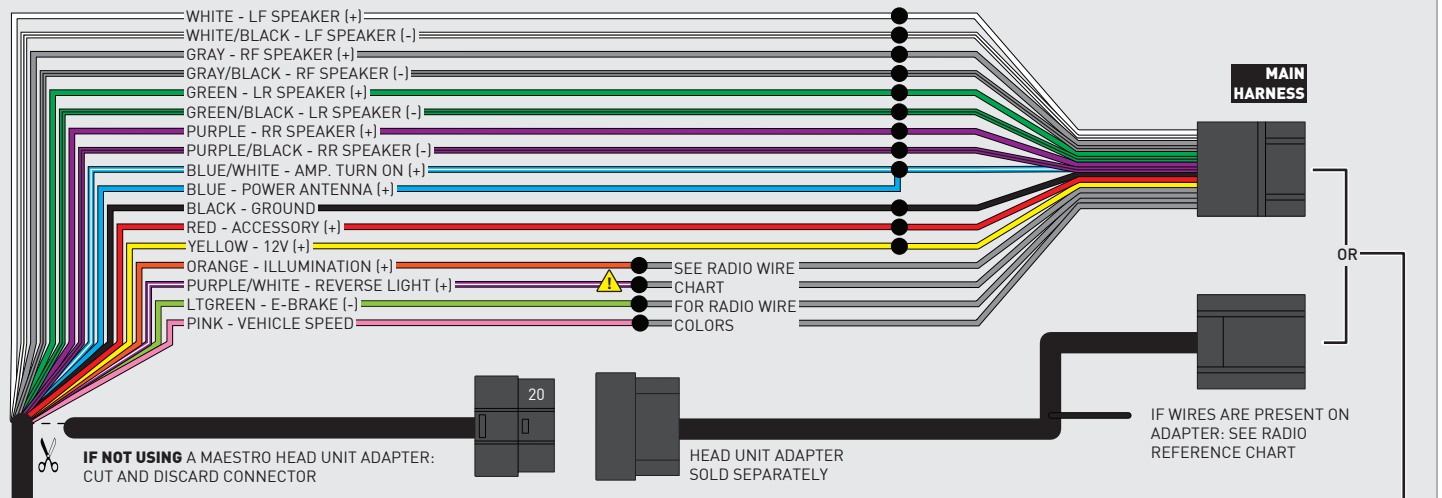- Connect the factory radio harness to the SR-AU1 T-harness.

STEP 4

- Connect the SR-AU1 harness to the Maestro SR module.
- Connect the steering wheel control cable.
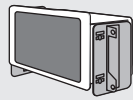
Test your installation.

WIRING DIAGRAM

STEP 1

WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP. TURN ON (+)
BLUE - POWER ANTENNA (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
PINK - VEHICLE SPEED

SEE RADIO WIRE
CHART
FOR RADIO WIRE
COLORS

MAIN HARNESS

OR

IF WIRES ARE PRESENT ON
ADAPTER: SEE RADIO
REFERENCE CHART

20

IF NOT USING A MAESTRO HEAD UNIT ADAPTER:
CUT AND DISCARD CONNECTOR

HEAD UNIT ADAPTER
SOLD SEPARATELY

⚠ ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A
CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-AU1

STEP 2

AFTERMARKET RADIO

PIONEER RADIO: ENSURE THAT
NOTHING IS PLUGGED IN W/R PORT.

OR

STEP 3

FACTORY RADIO HARNESS

BLACK

16

RED

20

STEERING WHEEL CONTROL CABLE

POWER ANT.

AMP TURNON   NC

POC1 -
POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 4

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4   DATA
CABLE   4

RADIO WIRE REFERENCE CHART

AU1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

* Reverse light wire: Only connect to radio or module damage will occur.
  Other brands, refer to aftermarker radio guide. Some radios may not be equipped with all wires listed.

Description	Polarity	Maestro Steering Wheel Control wire	Radio with Steering Wheel Control Port	*Alpine Radio With SWI1, SWI2, Ground Wires	JVC or Kenwood	*Other Radio Brands With SWI1, SWI2, Ground Wires OR Key1, Key2, Ground Wires
Maestro Steering Wheel Control Cable	(DATA)	3.5mm Jack	3.5mm SWC Input Port	Not Connected (secure the jack)	Not Connected (secure the jack)	Not Connected (secure the jack)
	(DATA)	Blue/Yellow Wire	Not Connected	SWI1 Input	Blue/Yellow Wire	SWI1 Input or Key1 Input

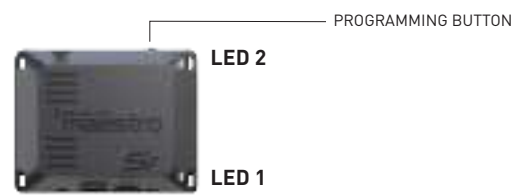*Manually learn the buttons to the radio in the radio steering wheel control menu.

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/ radio manual
CAM	(-)	Green/White	Refer to camera/ radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	Blue/Yellow

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	Blue/Yellow

MODULE DIAGNOSTICS

PROGRAMMING BUTTON

LED 2

LED 1

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
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●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
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●	●	OFF	Normal operation (inactive).

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PROBLEM	SOLUTION
Steering wheel controls do not work but LED on the Maestro does blink when steering wheel buttons are pressed.	Verify the buttons are set up in the flash. If any button is set to "none" for "press once", it will do nothing. "Hold" column can be left as none and the "press once" function will operate with one press and when holding the button. Ensure the blue 4-pin steering wheel control cable is connected between the Maestro and the radio. The radio will use either the 3.5mm jack OR the blue/yellow wire, not both. Connect the 3.5mm jack from the Maestro blue 4-pin cable to the radio's 3.5mm port (labeled steering, remote, or wheel). If no such port exists, wire the blue/yellow to blue/yellow (Kenwood/JVC) or to the radio's Key 1 wire (brands not listed/other) and secure the 3.5mm jack. It will not be used. Refer to radio's owner's manual to verify if the radio has this function: **Alpine** models with button learning (SWI1/2/GND wires on back of radio): Connect blue/yellow wire from the blue 4-pin to the radio's SWI1 input. Manually learn the buttons to the radio in the radio steering wheel control menus. **JVC/Kenwood** - Steering Wheel Control (ON/OFF): choose ON **Nakamichi** – if model is listed, ensure PAC mode is on. If "other", learn the buttons in the radio steering wheel menu. **Sony** - Steering Wheel Control (Custom/Preset): choose Preset. If phone buttons do not operate properly, flash the module as Pioneer – 2009 and newer with BT. Then select "custom" instead of "preset" and learn the buttons in the radio menu. **Other brands** – radio should have a steering wheel menu to learn the buttons. You may have to select type A/B/C/1/2/3 and try learning again if buttons are not saving. Refer to radio manufacturer's tech support for further advice if not learning properly.
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Email: maestro.support@idatalink.com

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INSTALL GUIDE

2002-2006
AUDI TT

RETAINS STEERING WHEEL CONTROLS AND MORE!

+

HEAD UNIT
ADAPTER READY

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iDatalink Maestro SR-AU1 Installation Harness

PROGRAMMED FIRMWARE: AU1-SR-AS

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Installation, product information, vehicle specific videos.   VIDEO HELP

Last flash information, steering control configuration, vehicle information.   VERIFY FLASH

Software to program module.   WEBLINK

NEED HELP?

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INSTALLATION INSTRUCTIONS P1/1

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Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

- Plug the harnesses into the aftermarket radio.
- Connect the steering wheel control cable to the aftermarket radio. Connect either the blue/yellow wire (Kenwood/JVC or radios with SWI/KEY wires) or the 3.5mm to the steering control input of the radio (see Radio Wire Reference Chart for more details).

STEP 3

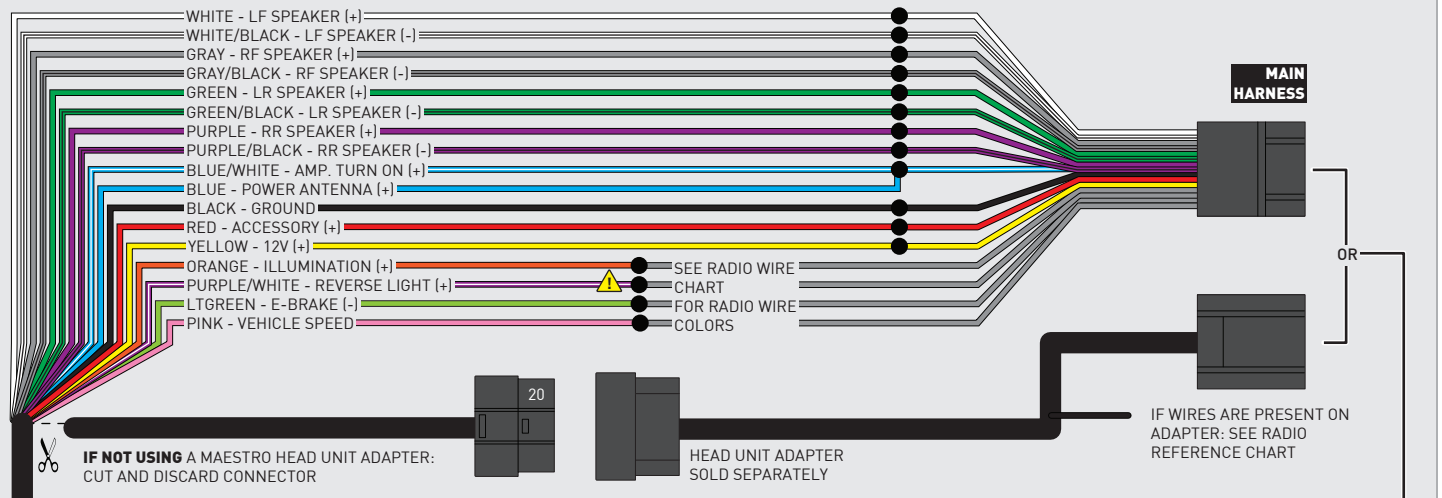- Connect the factory radio harness to the SR-AU1 T-harness.

STEP 4

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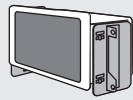
Test your installation.

1

WIRING DIAGRAM

STEP 1

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WHITE/BLACK - LF SPEAKER (-)
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YELLOW - 12V (+)
ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
PINK - VEHICLE SPEED

⚠ SEE RADIO WIRE CHART FOR RADIO WIRE COLORS

MAIN HARNESS

OR

IF WIRES ARE PRESENT ON ADAPTER: SEE RADIO REFERENCE CHART

SR-AU1

✂ **IF NOT USING** A MAESTRO HEAD UNIT ADAPTER: CUT AND DISCARD CONNECTOR

20

HEAD UNIT ADAPTER
SOLD SEPARATELY

⚠ ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

OR

STEP 3

FACTORY RADIO HARNESS

BLACK

16

RED

20

STEERING WHEEL CONTROL CABLE

POWER ANT.
AMP TURNON ————— NC

POC1 -
POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 4

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4 DATA CABLE 4

RADIO WIRE REFERENCE CHART

AU1 T-harness **Wire Description**	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
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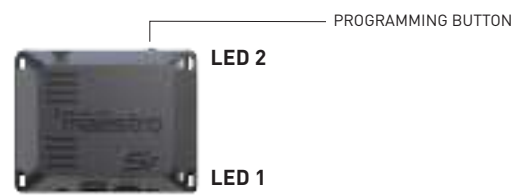*Manually learn the buttons to the radio in the radio steering wheel control menu.

Head unit adapter wiring (optional accessory, sold separately)

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ACC-HU-KEN1 **Wire Description**	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/ radio manual
CAM	(-)	Green/White	Refer to camera/ radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	Blue/Yellow

ACC-HU-KEN2 **Wire Description**	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	Blue/Yellow

MODULE DIAGNOSTICS

PROGRAMMING BUTTON

LED 2

LED 1

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MAESTRO SR RESET PROCEDURE:

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