

# RP4.2-TY11

Radio Replacement and  
Steering Wheel Control Interface  
for Toyota / Lexus / Scion Vehicles

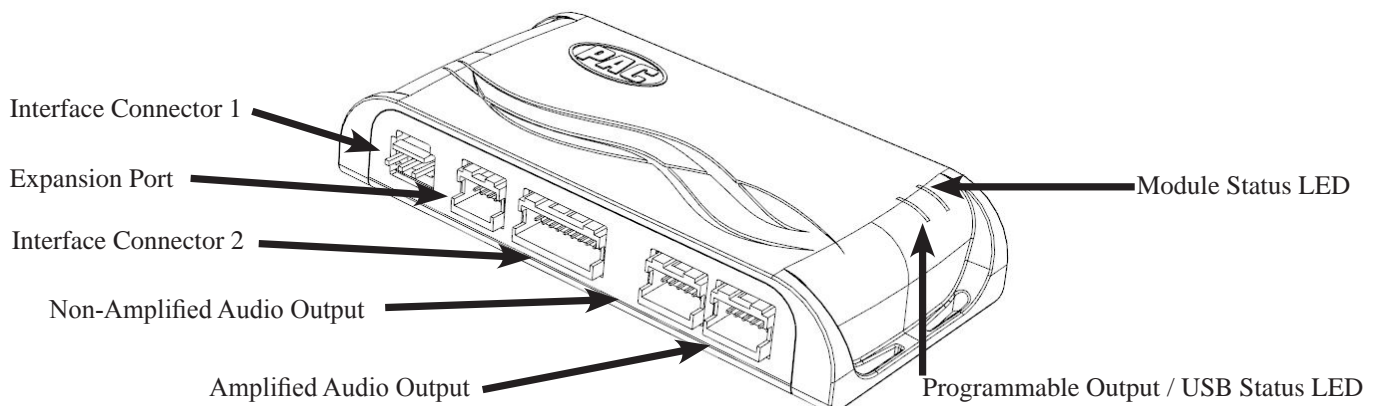
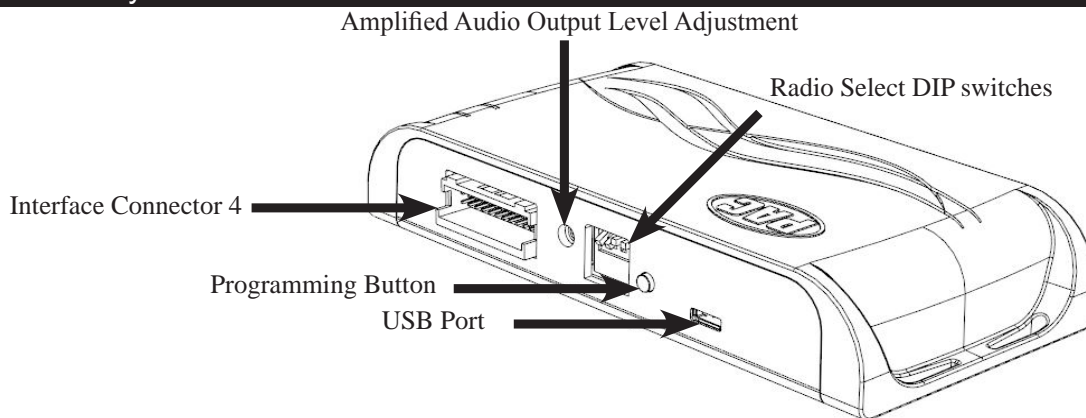
## Introduction & Features

The RP4.2-TY11 interface allows the replacement of a factory radio in select Toyota/Lexus/Scion vehicles and will retain factory features such as steering wheel controls (SWC) and the factory audio amplifier. This interface also allows you to program two radio functions to each SWC button by using short press long press dual command functionality, and also provides outputs such as: vehicle speed signal (VSS), illumination, reverse trigger and parking brake.

## Important Notes

1. These instructions only apply to R1.1.1.35 or earlier revisions. The revision info can be found on a small white sticker on the interface and packaging.
2. Connection of the White / Red and White / Black wires is not always necessary. Use of these wires will be dependent on whether or not the aftermarket radio requires specific connections, and whether the vehicle provides these outputs at the radio. See the "Installation Steps" section starting on page 3 for additional information.
3. Adjustment of the vehicle settings through the original radio's vehicle settings menu will be disabled after installation of the new radio. It is advised to make sure all settings are as you desire prior to removal of the original radio.
4. The RP4.2-TY11 does not retain Rear Seat Entertainment.
5. After installation, if you do not initially hear any audio, you may need to cycle the ignition again to initialize the factory amplifier.
6. Speaker fading on factory amplified systems is only supported with the "amplified output" connection of the RP4.2-TY11.
7. When using real time fade, if the fader setting is biased more to the front or rear, as the radio turns on the sound may begin at the default setting and then quickly transition to your custom setting.
8. Aftermarket radio features such as High Pass Filters (crossovers), DSP or "Network Mode" will interfere with proper fader function. In order for the RP4.2-TY11's fader function to work, the audio from the aftermarket radio's output must match so it can compare the front and rear audio levels and determine the proper fader setting for the factory amplifier.
9. The USB-TY1 or USB-TY2 must be purchased in order to retain the factory USB port.
10. The CAM-TY11 or CAM-TY12 must be purchased in order to retain the factory reverse camera.

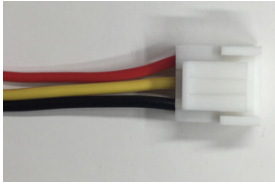
## Module Layout



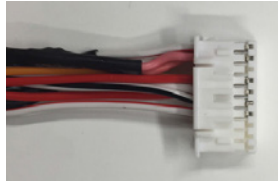
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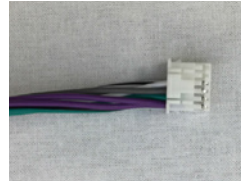
## Interface Connectors



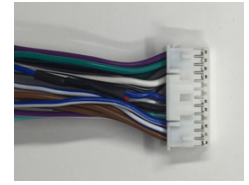
Interface Connector 1



Interface Connector 2



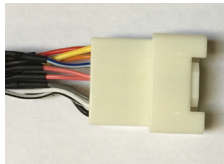
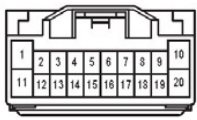
Interface Connector 3



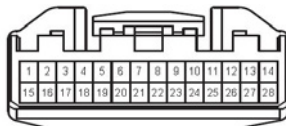
Interface Connector 4

Plug Interface Connectors 1, 2 and 4 into the appropriate port on the RP4.2-TY11 interface (according to diagram on page 1 or the label on the bottom of the RP4.2-TY11 interface). The Connector 3 connection will be dependent upon whether or not the vehicle has a factory amplified system. Connect to the appropriate port on the RP4.2-TY11. If you are unsure as to what your application is, connect to the Amplified Audio Output port and change to the Non-Amplified Audio Output port if you experience low audio.

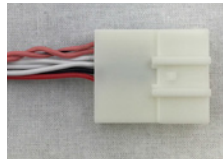
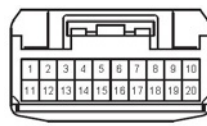
## Vehicle Connectors



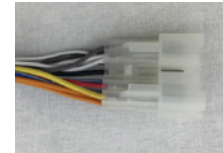
Vehicle Connector 1



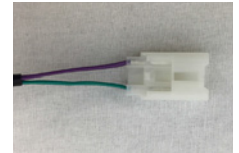
Vehicle Connector 2



Vehicle Connector 3



Vehicle Connector 4

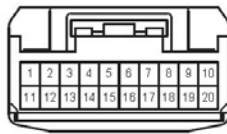


Vehicle Connector 5

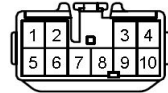
Depending on the application, the RP4.2-TY11 will need 2 or 3 of the 5 vehicle connectors. The additional connectors will be left unused on the harness. Any additional radio harnesses in the vehicle that do not plug into one of the vehicle connectors shown above, will not be used. Below you will find the typical combinations needed for most vehicles.

### Combination 1

Typical 2004 to 2013 NON-AMPLIFIED



Vehicle Connector 3



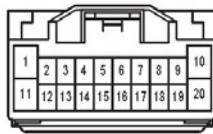
Vehicle Connector 4



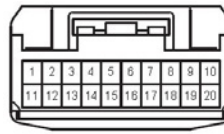
Vehicle Connector 5

### Combination 2

Typical 2004 to 2013 AMPLIFIED



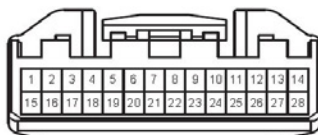
Vehicle Connector 1



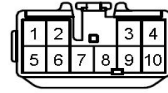
Vehicle Connector 3

### Combination 3

Typical 2014 to 2017 AMPLIFIED AND NON-AMPLIFIED



Vehicle Connector 2



Vehicle Connector 4

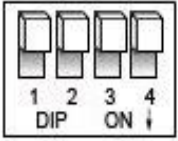


Vehicle Connector 5

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## Installation Steps



Set DIP switches that correspond with your radio to the ON position.  
Set all other DIP switches to the OFF position.



Alpine	JVC	Kenwood	Clarion / Nakamichi	Pioneer / Other*	Sony	Fusion
1	2	1 & 2	3	1, 2, & 3	4	1 & 4

\* Other - Advent, BOYO, Dual, Jensen, Lightning Audio, Rockford Fosgate, Visteon

- Set the Radio Select DIP switches according to the radio you are installing.
- Wire the aftermarket radio harness per the tables to the right and the information below. If the aftermarket radio does not require connections for Vehicle Speed Sense, Parking Brake, or Reverse Signal, proceed to step "3".
  - If the vehicle does not use the 28 pin connector (Vehicle Connector 2), proceed to step "III" below. There are three different methods for obtaining the analog navigation outputs from the interface:
    - Vehicles that have the analog signals at the radio:** Plug the 28 pin connector (Vehicle Connector 2) from the RP4.2-TY11 into the vehicle harness. Find the Pink (pin 17), Light Green (pin 15) and Purple / White (pin 2) wires in the RP4.2-TY11 harness and check for wires populating these positions on the factory side of the connector. If the wires are present, you can use the analog navigation outputs coming from the Vehicle Connector in the PAC harness.
    - Vehicles that have CAN data at the radio:** Plug the 28 pin connector (Vehicle Connector 2) from the RP4.2-TY11 into the vehicle harness. Find the White / Red (pin 9) and White / Black (pin 10) wires in the RP4.2-TY11 harness and check for wires populating these positions on the factory side of the connector. If the wires are present, you can use the "nav wires" coming from Vehicle Connector 2 in the PAC harness.
    - Vehicles that do not have the CAN data or the analog wires at the radio:** Connect the long White / Red HS-CAN+ wire to pin 6 and the long White / Black HS-CAN- wire to pin 14 in the OBDII connector (Fig.1). This will allow for use of the "nav wires" coming from Interface Connector 4 in the PAC harness.
- Wire the Yellow, Red, Black and Blue / White wires from the harness labeled "Connect to Aftermarket Radio" to the wires on the aftermarket radio harness. The Red / White wire is optional (see page 7 for further details).
- Wire the speaker wires from Interface Connector 4 to the speaker wires on the aftermarket radio harness. The Blue / White and Brown wires from Interface Connector 4 will not be needed. Insulate the unused wires and ignore the remaining Brown Loop (not needed).
- Depending on the aftermarket radio, either the Blue / Yellow wire or the 3.5 mm Jack (not both) SWC Outputs will be used.

## Aftermarket Radio Wiring Table

Purple	Rear R + input
Purple / Black	Rear R - input
Green	Rear L + input
Green / Black	Rear L - input
Gray	Front R + input
Gray / Black	Front R - input
White	Front L + input
White / Black	Front L - input
Blue / Yellow	SWC Output
3.5 mm Jack	SWC Output
Pink	Vehicle Speed Sense Output
Light Green	Parking Brake Output
Violet / White	Reverse Signal Output
Orange / White	Illumination Output

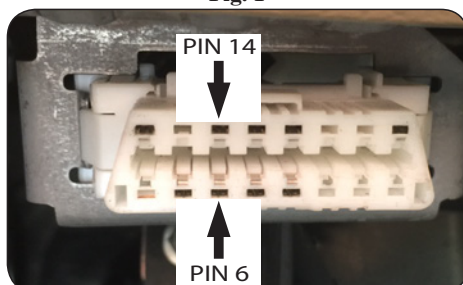
## Wires Labeled "Connect To Aftermarket Radio"

Yellow	12v+
Red	Accessory Output (10 amp)
Black	Ground
Blue / White	Amp Turn On
Pink	Vehicle Speed Sense Output
Light Green	Parking Brake Output
Red / White	Programmable 12v+ Output (1 amp)
Violet / White	Reverse Signal Output

## CAN Input Wires

White / Red	HS CAN + Input
White / Black	HS CAN - Input

Fig. 1



## Installation Steps (cont.)

6. Once all connections have been made, plug the interface into the vehicle.
7. Turn the ignition on and set the gain on the side of the interface to the desired level. See “Testing & Verification” section on page 6 for further details on how to set the gain. If the radio does not turn on and the LED on the interface is solid orange, check the DIP switches on the side of the interface to make sure they are not all in the on position.
8. If you wish to reassign functions to the SWC, or utilize short press long press dual command functionality, follow the programming instructions below.

## Steering Wheel Controls

### Default Steering Wheel Control Programming

**IMPORTANT!** The interface comes pre-programmed for all of the vehicles factory SWC functions and does not require programming unless you wish to re-assign the SWC functions, utilize short press long press dual command functionality, or assign the programmable 12v output to a SWC button. The SWC can always be restored to default settings by pressing and releasing the program button on the side of the interface once and waiting 7 seconds for the LED to flash 3 times.

### Default SWC Button Assignments

	Alpine	JVC	Kenwood	Clarion	Pioneer	Sony	Fusion
Volume +	Volume +	Volume +	Volume +	Volume +	Volume +	Volume +	Volume +
Volume -	Volume -	Volume -	Volume -	Volume -	Volume -	Volume -	Volume -
Mode	Source	Source	Source	Source	Source	Source	Source
Back	Band	Att	Play	Band	Band	Band	N / P
Voice	VR	Mute	Mute	Mute	VR	Mute	Mute
Answer	Receive	Receive	Off Hook	Send	Answer	Answer	Power
End	End	Reject	On Hook	End	End	Reject / Source	N / P
Enter	Power	Power	Preset Up	N / P	Mute	N/P	Power
Arrow Up	Track Up	Track Up	Track Up	Track Up	Track Up	Track Up	Track Up
Arrow Down	Track Down	Track Down	Track Down	Track Down	Track Down	Track Down	Track Down
Arrow Left	Preset Down	Disc Down	Disc Down	N / P	Preset Down	Preset Down	N / P
Arrow Right	Preset Up	Disc Up	Disc Up	N / P	Preset Up	Preset Up	N / P

### Optional Steering Wheel Control Programming

If you wish to re-assign the SWC functions, utilize short press long press dual command functionality, or assign the programmable 12v output to a SWC button, the interface must be programmed in the specific order shown in the chart on page 5. If you come across a function in the chart that your steering wheel does not have, or you do not want to program, press and release the programming button on the side of the interface to skip that function. The LED will flash off and on confirming that you have successfully skipped that function and are ready to proceed to the next one.

#### Short Press Long Press Dual Command Functionality

This feature allows you to assign two aftermarket radio functions to each of the vehicles SWC buttons. It can be used with as many of the buttons as the user likes or none at all. When this functionality is implemented, quickly pressing and releasing a SWC button will initiate the short press command while pressing and holding a SWC button for longer than two seconds will initiate the long press command. Please note that no long press commands are programmed by default. If you wish to assign dual command functionality to the SWC please follow the programming steps below.

#### Programmable 12v Output

The Red / White wire on the interface can be programmed via the RadioPRO app to do a pulsed, or latched 12v output, which can then be assigned to any of the vehicle’s factory SWC buttons. When assigned, the factory SWC button will activate the pulsed or latched output to control external accessories. Please refer to page 7 for more details on how to use the app to set this feature.



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## Steering Wheel Controls (cont.)

### Optional SWC Programming Procedure

1. Turn the key to the ignition position.
2. Press and release programming button on the side of the interface. The Status LED will turn green.
3. Within 7 seconds, press the button that is to be learned on the steering wheel. The LED will turn red when the button is pressed.  
**At this point you have two options:**
  - A. **For short press functionality:** Release the button within 1.5 seconds. The LED will turn back on.
  - B. **For long press functionality:** Hold the button until the LED starts blinking. Release the button and the LED will go back to solid.
4. If you need to program more buttons, repeat step 3 for each additional audio function on the steering wheel.
5. If you come across a function in the chart that your steering wheel does not have, or you do not want to program, press and release the program button on the side of the interface to skip that function.
6. Once programming is completed, wait seven seconds. The LED will flash three times indicating end of programming.
7. Test the interface for proper functionality. Whenever a SWC is pressed the LED on the interface should blink. If any function does not work, repeat the programming steps.

### Optional Programming Order

	Alpine	JVC	Kenwood	Clarion	Other *	Pioneer	Sony	Fusion
1	Volume +	Volume +	Volume +	Volume +	Volume +	Volume +	Volume +	Volume +
2	Volume -	Volume -	Volume -	Volume -	Volume -	Volume -	Volume -	Volume -
3	Mute	Mute	Mute	Mute	Mute	Mute	Mute	Mute
4	Preset +	Source	Source	Source	Preset +	Preset +	Preset +	Source
5	Preset -	Track +	Play	Search +	Preset -	Preset -	Preset -	Track +
6	Source	Track -	Track +	Search -	Source	Source	Source / End Call	Track -
7	Track +	Band / Disc +	Track -	Band	Track +	Track +	Track +	Audio
8	Track -	Preset / Disc -	Disc / FM +	Send / End	Track -	Track -	Track -	Power
9	Power	Select	Disc / AM -	Send	Band	Band	Band	
10	Enter / Play	Attenuation	Answer	End	Answer **	Phone Menu	Power / End Call	
11	Band / Program	Phone Receive	Voice Dial	VR	End **	Answer Call	Voice Dial / Answer / End Call	
12	Receive	Phone Reject	On Hook		PTT **	End Call	VR (Android Auto & Car Play) Answer / End Call***	
13	End	Voice Dial	Off Hook			VR		
14	VR	Power	Mute					
15			Preset +					

\* Advent, Boyo, Dual, Lightning Audio, Jensen, Rockford Fosgate & Visteon \*\* Jensen & Advent ONLY \*\*\* XAV-AX100 Only





## Steering Wheel Controls (cont.)

### SWC Re-Calibration Procedure

1. Turn the key to the ignition position.
2. Press and hold the programming button until the LED begins blinking amber. When the LED begins blinking, release the programming button. The LED will light solid amber.
3. Within 7 seconds, press and hold the button that is to be learned on the steering wheel. The LED will turn off when the button is pressed and begin blinking when the value has been learned. Once the LED begins blinking, release the button.  
**Please Note: the buttons must be calibrated in the order shown in the chart. If you press the wrong button the LED will not respond at all.**
4. If you need to program more buttons, repeat step 3 for each additional audio function on the steering wheel.
5. If you come across a function in the chart that your steering wheel does not have, press and release the program button on the side of the interface to skip that function.
6. Once programming is completed, wait seven seconds. The LED will flash indicating end of programming.
7. Test the interface for proper functionality. Whenever a SWC is pressed the LED on the interface should blink. If any function does not work, repeat the programming steps.

Re-Calibration Programming Order
Volume Up
Volume Down
Seek Up
Seek Down
Mode
Voice
Phone Answer
Phone Hang Up
Enter
Back
Arrow Right
Arrow Left

After you have re-calibrated the SWC buttons, the default SWC button assignments will be the same as what is listed in the chart on page 4. If you wish to re-assign button functions you must also go through the programming process on page 5.

### Testing & Verification

1. Turn the ignition on. The LED on the interface will turn on and the +12v accessory wire will turn on.
2. Turn on the radio and check volume, balance and fade. If you do not hear any audio you may need to cycle the ignition to initialize the factory amplifier.
3. If the overall volume is too low, use the gain adjustment on the side of the RP4.2 interface to set it to the desired level. The best way to do this is to turn the volume on the radio to 3/4 volume, then turn the gain on the RP4.2 until some distortion is heard, then back it down a little.
4. If you have a JBL system and there is no audio, please make sure the Blue / White remote wire in the radio connector is hooked up properly. If there is still no audio, reset the interface according to the procedure in the next section.
5. If fading is acting inconsistent, please ensure that all speakers are connected to the proper polarity.
6. Verify that all SWC are functioning properly. If any of the SWC are not functioning properly you may need to reset the interface or follow the re-calibration procedure above.
7. Verify that the programmable 12v+ output is functioning as intended.
8. The LED and radio will turn off when the ignition is turned off.

### Restoring Factory Settings

You can restore the interface to factory default settings by pressing and holding the programming button on the side of the module until the status LED starts blinking red. Once the LED starts blinking red, release the button. You must release the button while the LED is blinking red in order to perform the reset. Please note, the LED will go through two stages before it starts blinking red. First it will blink green, then amber, then red.

This reset will restore the following settings to their factory defaults:

- SWC Mapping
- Programmable 12v+ Output (Latched)
- Parking Brake Output Settings
- Factory Amplifier Settings
- Real Time Fade will be reset to on



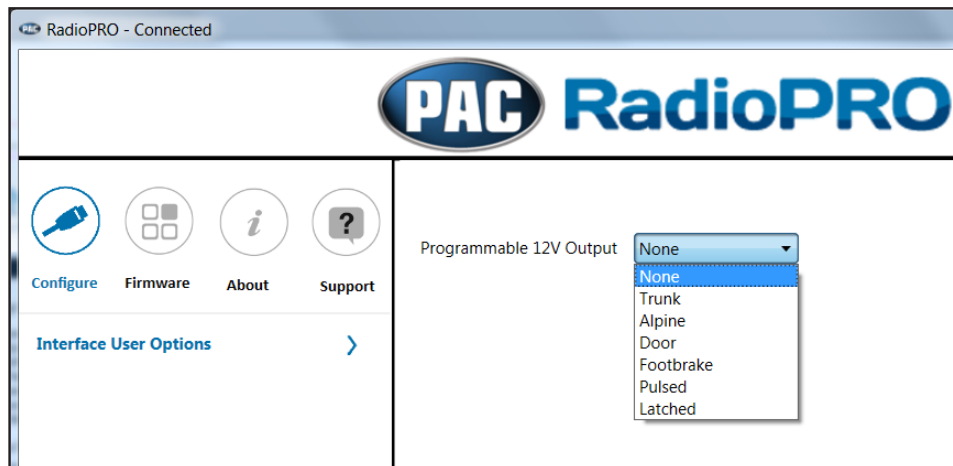
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## RadioPRO App

Use of the RadioPRO App allows you to do the following:

- Configure User Interface Options such as:
  - Programmable 12v Output behavior
  - Aftermarket radio Parking Brake Sequencing
  - Factory amplifier settings (Bass, Mid, Treble, Gain, Fader and Balance)
  - Real Time Fading
- Update Product Firmware
- Read Firmware/Hardware Versions
- Access Product User Manuals



### PLEASE NOTE:

The interface must be connected to the vehicle when using the following features of the Radio PRO App:

- Programmable 12v Output Behavior
- Factory Amplifier Settings

The interface does not need to be connected to the vehicle when using the following features of the Radio PRO App:

- Firmware Updates
- Reading firmware/hardware versions

## Programmable 12v Output Wire

The Red / White wire can be programmed to do a pulsed or latched trigger that is controlled by a user assigned steering wheel control button, or it can be set to provide an output when triggered by the vehicles foot brake, door or trunk. Select User Interface Options then set the behavior of the Red / White wire using the drop down menu. PLEASE NOTE: Available triggers depend on what info is available on the vehicle's data bus. Restoring factory settings on the module will default this wire's output back to a latched SWC trigger.

**Trunk** - This selection will provide a 12v+ output on the Red / White wire whenever the ignition is on and the trunk is opened.

**Alpine** - If you select the "Alpine" setting on the drop down menu, the Red / White wire will then work in conjunction with the parking brake output to produce the necessary sequencing for settings menu access. This sequencing is based on the actual parking brake, meaning to produce this sequence you have to engage the parking brake in the vehicle. If you would like to manually do the necessary foot brake/parking brake sequencing for Alpine, select the "Foot Brake" setting (if available) and the Red / White wire will output a 12v+ signal whenever the signal is available and the foot brake is pressed.

**Door** - This selection will provide a 12v+ output on the Red / White wire whenever the signal is available and any door on the vehicle is opened.

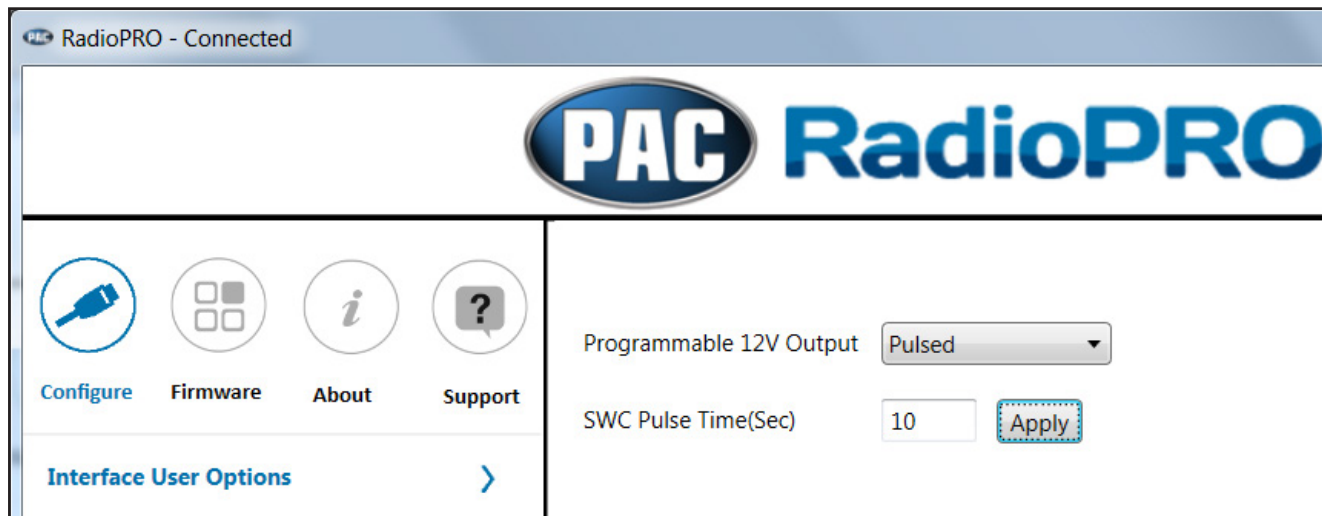
**Footbrake** - This selection will provide a 12v+ output on the Red / White wire whenever the signal is available and the foot brake is pressed.

**Latched** - This selection will provide a latched 12v+ output that can be tied to any of the vehicles SWC. This means that when you press the assigned SWC, the Red / White wire will turn on and remain on until the assigned SWC is pressed again or the ignition is turned off.

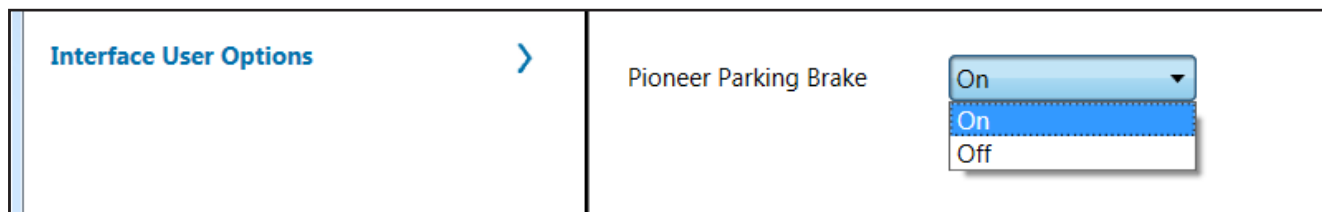
**Pulsed** - This selection will provide a user programmable timed 12v+ output that can be tied to any of the vehicles SWC. This means that when you press the assigned SWC, the Red / White wire will pulse for the pre-programmed user time. The range for pulse time is 100 milliseconds - 25.5 seconds (.1-25.5).



## RadioPRO App (cont.)



**Pioneer Parking Brake** - Turning this feature on will make the parking brake output produce the necessary sequencing for settings menu access. This sequencing is based on the actual parking brake, meaning to produce this sequence you have to engage the parking brake in the vehicle. If you would like to manually do the necessary parking brake sequencing for Pioneer, simply leave this feature off. Restoring factory settings on the module will default this setting back to off.



## Infotainment/Factory Amplifier Settings

The RadioPRO app will also allow you to adjust the settings of the factory amplifier. You can adjust Amp Gain, Fader, Balance, Bass, Mid and Treble and real time fade. When real time fade is enabled in amplified systems, it will allow fading to be controlled directly from the aftermarket radio. Restoring factory settings on the module will default all values back to middle.





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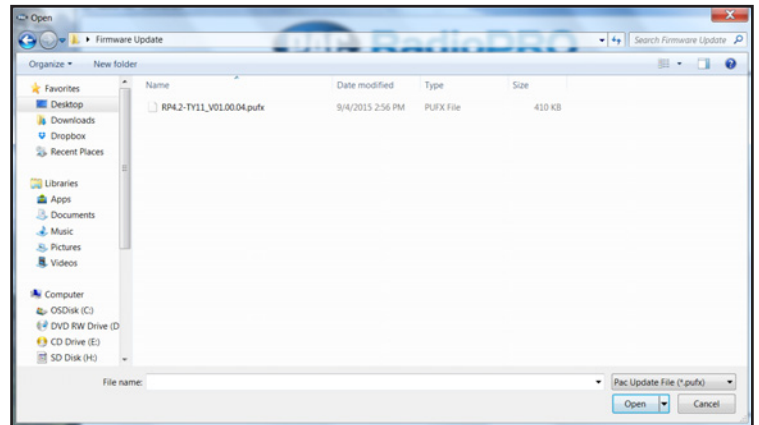
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## RadioPRO App (cont.)

### Firmware Updates

The RadioPRO app will also allow you to update the interface with new firmware as it becomes available.

In order to update the interface all DIP switches must be set to the down position. Connect the interface to your PC and select "Update Firmware". Now select "Select File". Finally, browse to the place where you saved the file and select it. This will begin the updating process. Once finished, disconnect the interface from the PC and set the DIP switches back according to the radio you have installed.



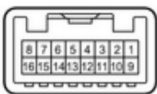
## Appendix A

### Reverse Camera Retention

If you do not have the CAM-TY11 or CAM-TY12 harness available, follow the schematics below to retain the factory reverse camera. Older vehicles (pre 2014) will be equipped with the 16-pin harness (Fig. 1) and newer vehicles (2014+) will be equipped with the 24-pin harness (Fig.2). Some years may overlap.

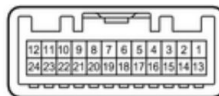
You can obtain the necessary 6v+ for the factory camera from pin 12 in the RP4.2 Interface Connector 2 (Fig.3), or by using the PAC VOLT-39 (sold separately).

**Fig. 1**



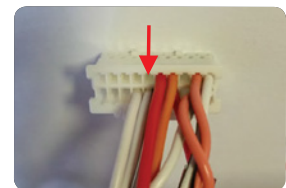
Function	Pin	Wire Color
Camera Power 6V +	7	Black
Video +	8	Red
Camera Ground	15	Shield
Video -	16	White

**Fig. 2**



Function	Pin	Wire Color
Camera Power 6V+	11	Red
Video +	12	White
Camera Ground	23	Shield
Video -	24	Black

**Fig. 3**



Connectors are viewed from wire side





# RP4.2-TY11 No Audio

Correcting the "No Audio" situation in select 2014 and newer Toyota vehicles with JBL

**Condition:** No audio heard from the amplifier and amplifier settings not showing in the RadioPro PC Application.

**Fix:** Locate the data wires in the 28 pin connector. They are the Pink and Pink/Black twisted pair. They need to swap locations in the connector. The Pink wire will need to be moved to pin 7 and the Pink/Black wire will need to be moved to Pin 8. This can be done by performing one of the two following modifications:

1. Remove the two pins on the end of the Pink and Pink/Black wires from the 28 pin connector (FIG A.) and re-pin them in the proper locations. (FIG B.)
2. With the harness disconnected from the vehicle cut the two wires in half (FIG C.) and wire them so that the Pink from our module connects to the pink/black in the 28 pin connector and the Pink/Black from our module connects to the Pink in the 28 pin connector. (FIG D.)

Either of these two modifications will fix this issue and should result with audio being heard from the factory amplifier and the amplifier settings being accessible through the RadioPro application.

FIG A.

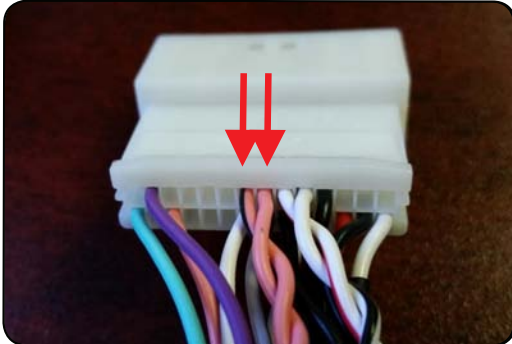


FIG B.

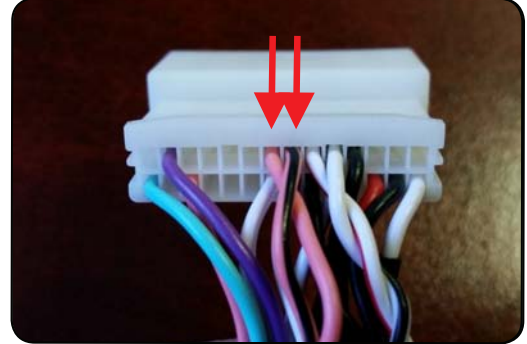


FIG C.

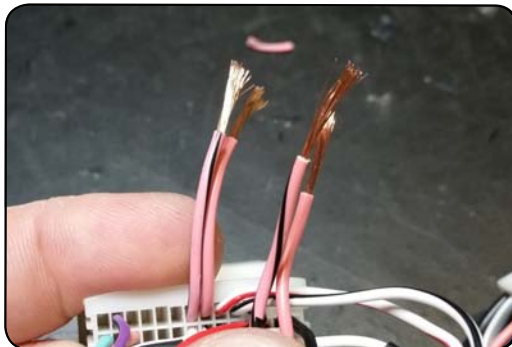
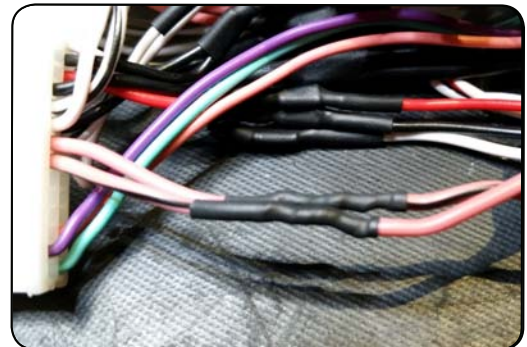


FIG D.





# RP4.2-TY11 No Audio

Correcting the "No Audio" issue in 2004 - 06  
Lexus LS430's with the Mark Levinson Audio System

**Condition:** No audio heard from the amplifier and amplifier settings not showing in the RadioPro PC Application.

**Fix:** Locate the data wires in the 28 pin connector (FIG A.) of the RP4.2-TY11-HAR. They are the Pink and Pink/Black twisted pair of wires in pins 7 and 8. They need to be cut away from the 28 pin connector and connected to the Data wires in the vehicles 12 pin radio connector (FIG C.). The pink wire will need to be connected to Pin 9 (Yellow) of the 12 pin vehicle connector. The Pink/Black wire will need to be connected to Pin 10 (Black) of the 12 pin vehicle connector.

Locate the rear audio wires in the RP4.2's 6 pin vehicle side connector (FIG B.). They are the Green, Green/Black, Purple and Purple/Black. Those wires need to be cut away from the 6 pin connector and connected to the rear audio wires in the 12 pin connector (FIG C.). The Green wire will need to be connected to Pin 4 (White) of the 12 pin connector. The Green/Black wire will need to be connected to Pin 5 (Black) of the 12 pin connector. The Purple wire will need to be connected to Pin 2 (Green) of the 12 pin connector. The Purple/Black wire will need to be connected to Pin 3 (Red) of the 12 pin connector.

Wire Description	RP4.2 Connector Wire Color / Pin	Vehicle Connector Wire Color / Pin
IE BUS +	Pink 7	Yellow 9
IE BUS -	Pink/Black 8	Black 10
Rear Right Speaker +	Purple 2	Green 2
Rear Right Speaker -	Purple/Black 6	Red 3
Rear Left Speaker +	Green 1	White 4
Rear Left Speaker -	Green/Black 3	Black 5

FIG A. (28 pin RP4.2 connector)

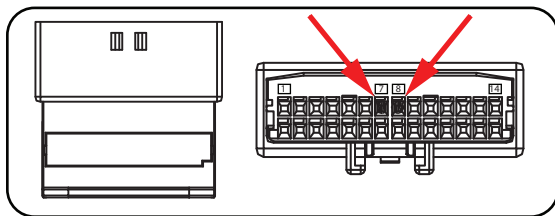


FIG C.

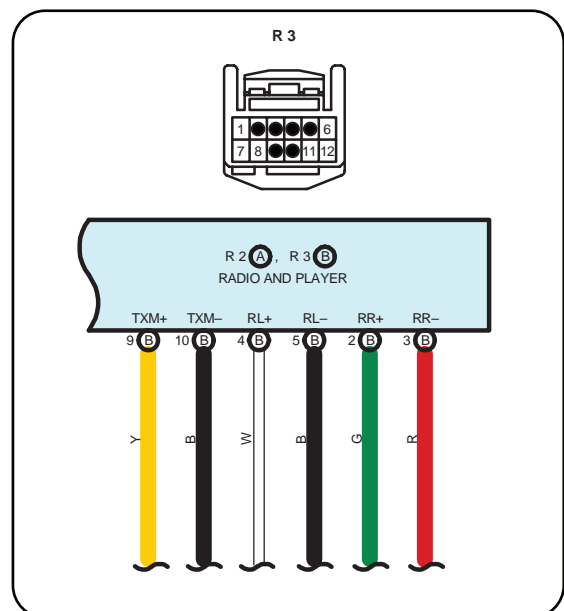
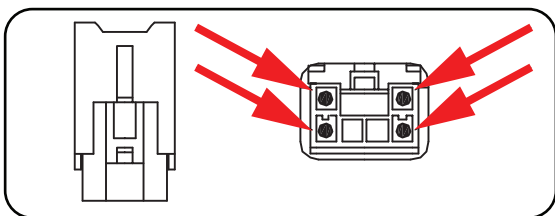


FIG B. (6 pin RP4.2 connector)





# RP4.2-TY11 No Audio

**Correcting the "No Audio" situation when using select Pioneer AVH units with 3-Way Audio Network Mode**

**Condition:** No audio is heard from the amplified audio system when using one of the below listed Pioneer radios or any model equipped with "3-Way Audio Network Mode" when "3-Way Audio Network Mode" has been selected upon initial setup.

List of known radios which have the option of "3-Way Audio Network Mode":

- AVH-X7800BT   ◦ AVH-X6800DVD   ◦ AVH-X5800BHS   ◦ AVH-X4800BS
- AVH-X3800BHS   ◦ AVH-X2800BS   ◦ AVH-X1800S   ◦ AVH-X7700BT
- AVH-X6700DVD   ◦ AVH-X5700BHS   ◦ AVH-X4700BS   ◦ AVH-X3700BHS
- AVH-X2700BS   ◦ AVH-X1700S

**Verify:** Touch the "Settings gear" icon, then touch the "Speaker" icon in the menu to access the Balance and Fade settings. If only Balance is available, (fade is not adjustable) then your radio is set to "3-Way Audio Network Mode".



**Fix:** 1. Touch the "Settings gear" icon in the upper right hand corner of the screen.



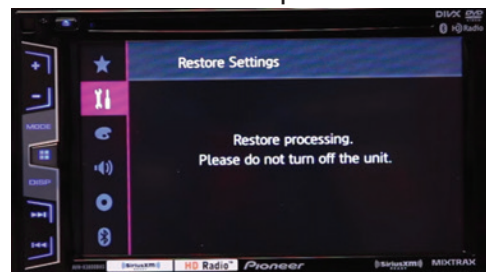
2. Select the "System" tab and look for the "Restore Settings" option. Select the "Restore Settings" option.



3. Touch the "Restore" icon.



4. The radio will restore to the factory default settings and return to the initial setup menu.



5. When the "Speaker Mode Settings" menu is displayed, make sure that the "Standard Mode" option is highlighted and touch the "OK" icon.



6. Select your device and connection type and then select the next arrow to complete the initial setup. Verify at this point that you now have audio.



If audio is still not present please contact our technical support department.

