RP3.2-TY11

Radio Replacement Interface for
Select Toyota / Lexus / Scion Vehicles

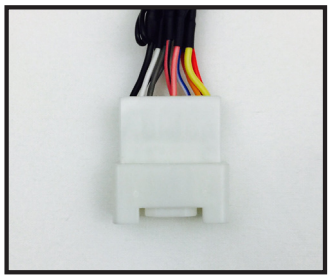
Introduction & Features

The RP3.2-TY11 interface allows the replacement of a factory radio in select Toyota / Lexus / Scion vehicles and will retain the factory amplifier. The harness also provides connections for: vehicle speed signal (VSS), reverse trigger and parking brake.

Important Notes

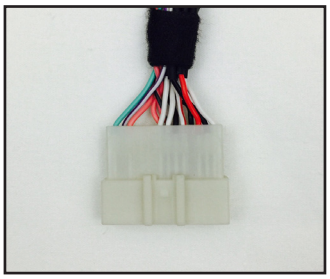
1. The VSS, Reverse, and Parking Brake wires will only provide signals if the vehicle's harness is equipped with these wires.
2. Adjustment of the vehicle settings through the original radio's vehicle settings menu will be disabled after installation of your new radio. It is advised to make sure all settings are as you desire prior to removal of the original radio.
3. Does not retain Rear Seat Entertainment.

Wiring Connection Chart



Vehicle Connector 1

Yellow	Battery 12v+
Red	Accessory 12v+
Black	Ground
Orange / White	Illumination
Blue / White	Remote Input
White	Front L + input
White / Black	Front L - input
Grey	Front R + input
Grey / Black	Front R - input

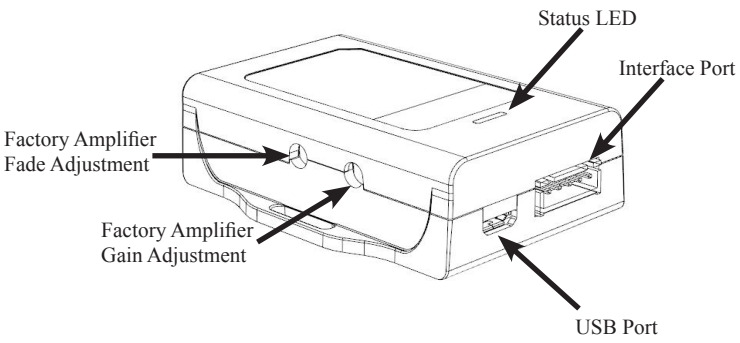


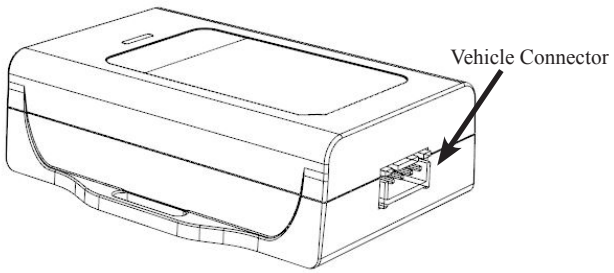
Vehicle Connector 2

***Violet / White**	**Reverse Signal**
***Green**	**Parking Brake Signal**
***Pink**	**Vehicle Speed Signal**
White / Red RCA	**Factory Auxiliary Audio**

*** These connections are not necessary when installing a single DIN head unit.**

Module Layout





Installation Steps

1. Make all connections as described in the connection chart on page 1.
   a. Navigation Outputs: Some vehicles may have the analog signals behind the radio. This can be determined by looking on the factory side of Vehicle Connector 2 (opposite the Green, Purple and Pink wires) to see if the wires are populated. If the wires are there, then you can use the nav wires coming from the PAC harness.
2. Connect the RP3.2 module to the 4-pin interface connector.
3. Follow the steps in the next section if you wish to add an optional SWC retention interface.
4. Once all connections have been made, plug the interface into the vehicle.
5. Turn the ignition on and set the gain on the side of the interface to the desired level. See “Testing & Verification” section below for further details on how to set the gain.
6. If you wish to permanently fade the sound more to the front or rear, adjust the fader on the side of the interface to the desired setting. Clockwise fades to the front, counter-clockwise fades to the rear.

Steering Wheel Control Output Connector

1. The RP3.2 provides a SWC output connector (Fig. A) attached to the harness. For ease of installation, all necessary connections have been made for you.
2. You can use either an SWI-RC or an SWI-CP2 (sold separately).
   a. When using an SWI-RC, the loop on the output connector should remain intact. Please refer to SWI-RC instructions for radio switch setting, version assignment, and exact button programming sequence.
   b. When using an SWI-CP2, the vehicle DIP switches should be set as shown (Fig. B). The loop on the output connector should remain intact. Please refer to SWI-CP2 instructions (Page 2 “Manual Programming Mode) for radio DIP switch settings and exact button programming sequence.

Fig. A

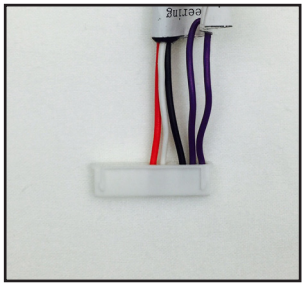
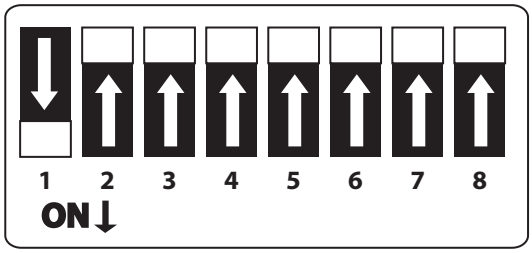


Fig. B



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 and balance (fader can only be set by using the dial on the side of the RP3.2 interface).
3. If the overall volume is too low, use the gain adjustment on the side of the RP3.2 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 adjustment on the RP3.2 clockwise until some distortion is heard, then counter-clockwise a little.
4. The LED and radio will turn off when the ignition is turned off.

Product Updates (Firmware)

The RP3.2-TY11 can be updated with new firmware as it becomes available using the RadioPRO app. Please visit www.pac-audio.com/firmware for available updates.