



Pacific Accessory Corporation

# TATO

## JBL Amplifier Turn-On Interface for Toyota CANbus Vehicles



The TATO is designed to control the power and audio levels of the factory installed JBL amplifier allowing the OEM radio to be removed and replaced with an aftermarket stereo.

### Installation:

**Note: BEFORE REMOVING THE FACTORY RADIO: BALANCE AND FADE IT TO THE CENTER, TURN THE RADIO UP TO AT LEAST 3/4 VOLUME, TURN THE RADIO OFF, TURN THE IGNITION OFF & THEN PROCEED WITH REMOVING THE FACTORY RADIO**

Disconnect the factory radio from the OEM wiring harness and remove it from the vehicle. Make the following connections of the TATO wiring harness to the aftermarket radio:

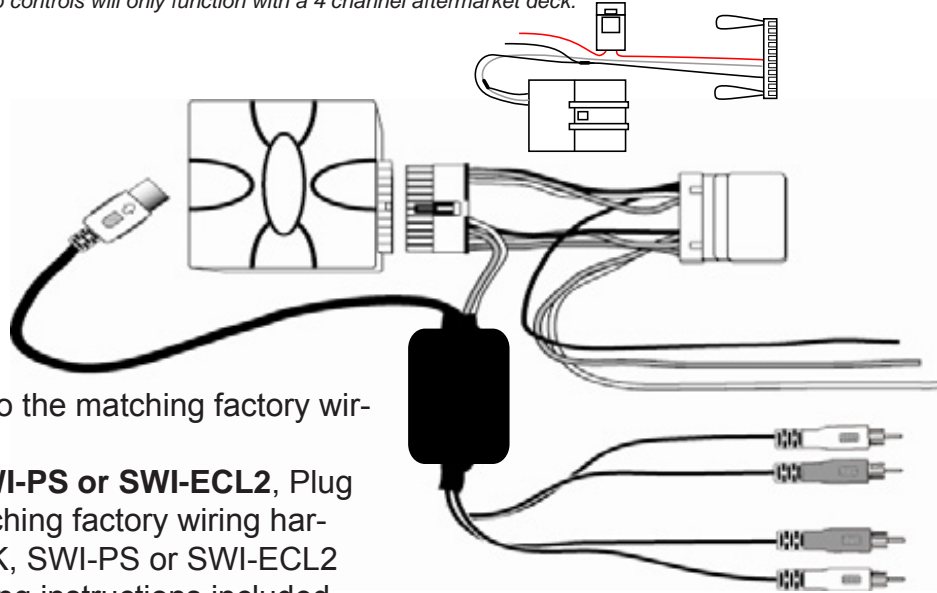
### Connections:

- Yellow Wire - Connect to 12 Volt Constant Power on aftermarket radio
- Red Wire - Connect to Accessory on aftermarket radio
- Black Wire - Connect to Ground on aftermarket radio
- Orange/White Wire - Connect to Dimmer on aftermarket radio
- \*11 Pin Harness - Connect to PAC's SWI-X, SWI-JACK, SWI-PS or SWI-ECL2 (Sold Separately)
- Red Bullet Connector - Connect to Accessory
- Black Bullet Connector - Connect to Ground
- Connect the 4 RCA connectors to the RCA outputs of the aftermarket radio
  - Front Left - White RCA      Front Right - Grey RCA
  - Rear Left - Green RCA      Rear Right - Purple RCA

If connecting the TATO to a head unit with only 2 Channel RCA outputs, use two pairs of RCA splitters (1M-2F) to split the signal. Failure to connect all 4 inputs of the TATO will result in loss of audio performance. Fade audio controls will only function with a 4 channel aftermarket deck.

### Connections to the TATO Interface:

- Connect 24-pin translucent connector to the side of the TATO.
- Connect 8-pin DIN cable to the plug on the side of the TATO.



### Connections to the Vehicle:

- Plug the main 20-pin Toyota harness into the matching factory wiring harness.
- \*If using PAC's SWI-X, SWI-JACK, SWI-PS or SWI-ECL2, Plug the smaller 20-pin harness into the matching factory wiring harness. Program PAC's SWI-X, SWI-JACK, SWI-PS or SWI-ECL2 for version #8 and follow the programming instructions included with PAC's SWI-X, SWI-JACK, SWI-PS or SWI-ECL2.

**DISCLAIMER:** Under no circumstances shall the manufacturer or the distributors of the TATO be held liable for consequential damages sustained in connection with the TATO. The manufacture and it's distributors will not, nor will they authorize any representative or any other individual to assume obligation or liability in relation to the TATO other than its replacement.

## Adjusting Volume Output:

When initially connecting the TATO to the vehicle the max output might not meet that of the factory radio. If the volume is low you can adjust the output using the dip switches on the side of the module. It is recommended to use a 4 volt RMS capable aftermarket radio. When adjusting the gain output it is recommended to start with the plus 7dB setting and working your way down.

**Note:** It may take up to 10 seconds before the gain adjustment is heard.

The dB gain adjustments are as follows:

Dip Switch Settings			
Dip Switch 1	Dip Switch 2	Dip Switch 3	dB Gain
Off	Off	Off	Plus 0dB
On	Off	Off	Plus 1dB
Off	On	Off	Plus 2dB
On	On	Off	Plus 3dB
Off	Off	On	Plus 4dB
On	Off	On	Plus 5dB
Off	On	On	Plus 6dB
On	On	On	Plus 7dB

Set all other dip switches 4-8 to OFF (up) position

## Troubleshooting

Symptom	Resolution
No audio from rear speakers	all 4 RCA connections on the TJA need to be connected to the Aftermarket head unit
No fade from front to back	Only a head unit with 4 RCA outputs will provide fade control
No audio through any speakers	Check the Dip Switches on the side of the TJA interface. Verify they are all "OFF" (Up)

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## - Climate Controls do not function after replacing head unit in Prius -



**Symptoms:** Climate controls in the Toyota Prius are inoperable after replacing the head unit.

**Reason:** A rest resistance is no longer being read by the screen due to the factory radio being removed / replaced.

**Solution:** Locate the 20 pin white connector that has 5 wires in it that was plugged into the factory radio.

Find the small gauge white wire in pin 10 and the small gauge pink wire in pin 9.

Strip back the insulation on the white and pink wires, connect one side of a 68 OHM resistor to the white wire and connect the other side of the resistor to the pink wire.

When completed be sure to insulate the wires including the resistor to protect them from coming into contact with any metal, and secure the connector back in the dash cavity.

