



## TOYOTA AMPLIFIER INTERFACE

# TYTO-01

## INSTALLATION INSTRUCTIONS

**\* READ IMPORTANT WARNING INSIDE  
BEFORE ATTEMPTING ANY INSTALLATION**

*The TYTO-01 is designed to interface an aftermarket radio with factory amplifiers in the vehicles listed below that have the JBL or JBL Synthesis amplified sound system.*

### APPLICATIONS

#### Toyota

- 4Runner 2003-2006
- Rav4 2004-2006
- Sequoia 2005-2006
- Sienna 2004-2006
- Tundra 2004-2006
- Camry/Camry Hybrid 2007

### INTERFACE COMPONENTS

- TYTO-01
- 10 pin harness with rca's
- 12 pin to 20 pin Toyota harness

### TOOLS REQUIRED FOR INSTALLATION

- Cutting Tool • Tape • Crimping Tool • Connectors

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INST-TYTO-01



1-800-221-0932



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## CONNECTIONS TO BE MADE ON THE 10 PIN HARNESS

1. Connect the **Blue/White** wire to the amp turn on wire of the aftermarket radio.
2. Connect the **White** rca to the left front rca output of the aftermarket radio.
3. Connect the **Gray** rca to the right front rca output of the aftermarket radio.
4. Connect the **Green** rca to the left rear rca output of the aftermarket radio.
5. Connect the **Purple** rca to the right rear rca output of the aftermarket radio.

## CONNECTIONS TO BE MADE ON THE 12 PIN HARNESS

1. Connect the **Yellow** wire to the constant 12 volt/battery wire of the aftermarket radio.
2. Connect the **Red** wire to the accessory/switched wire of the aftermarket radio.
3. Connect the **Black** wire to the ground wire of the aftermarket radio.



## **TYTO-01**

### **INSTALLING THE TYTO-01**

1. With all the connections completed, plug the 10 pin and 12 pin harnesses into the TYTO-01.
2. Plug the 20 pin Toyota harness into the vehicle side harness.
3. Plug the aftermarket harness into the aftermarket radio.
4. Cycle the key by turning the ignition on, then back off, then on again to test the radio.

### **TESTING THE TYTO-01**

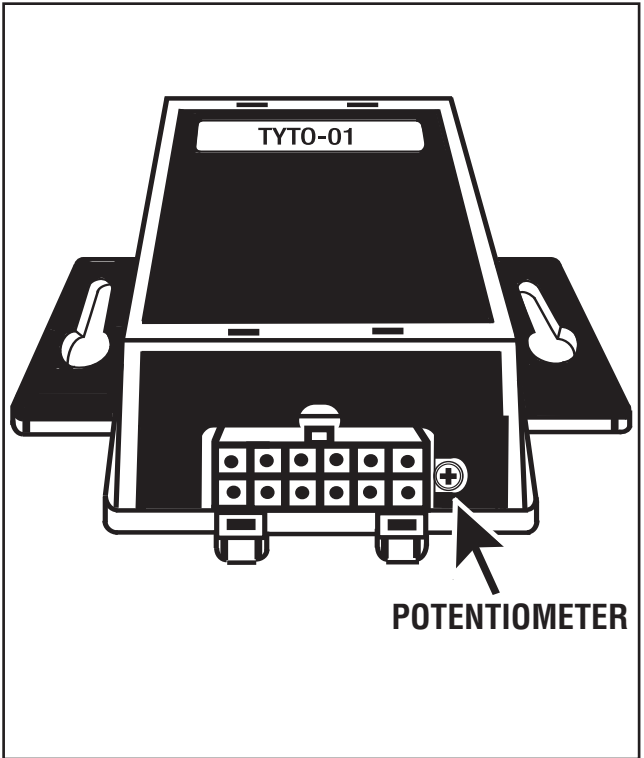
1. With the ignition on turn the radio on to verify the radio works.
2. Listen to the music at a moderate level; if the music is too low or too distorted see the **Audio Level Control** section.

## AUDIO LEVEL CONTROL

When using the TYTO-01 with radios that have a really high pre-out voltage or a really low pre-out voltage, some adjustments may be needed.

To do these follow these steps:

1. Find the potentiometer at the 12 pin harness end of the TYTO-01 interface.
2. With the radio at a moderate volume, use a small screwdriver and turn the potentiometer clockwise to raise the input signal or counterclockwise to lower the input signal.



# TYTO-01

## \* **IMPORTANT WARNING**

THIS PRODUCT INCLUDES INSTRUCTIONS FOR INSTALLATION WHICH MUST BE CAREFULLY FOLLOWED. THE INSTRUCTIONS ARE WORDED IN SUCH A MANNER TO ASSUME THAT THE INSTALLER IS CAPABLE OF COMPLETING THESE TYPE OF ELECTRONIC INSTALLATIONS. IF YOU ARE UNCLEAR AS TO WHAT YOU ARE INSTRUCTED TO DO OR BELIEVE THAT YOU DO NOT UNDERSTAND THE INSTRUCTIONS SO AS TO PROPERLY AND SAFELY COMPLETE THE INSTALLATION YOU SHOULD CONSULT A TECHNICIAN WHO DOES HAVE THIS KNOWLEDGE AND UNDERSTANDING. **FAILURE TO FOLLOW THESE INSTRUCTIONS CAREFULLY AND TO INSTALL THE INTERFACE AS DESCRIBED COULD CAUSE HARM TO THE VEHICLE OR TO SAFETY SYSTEMS ON THE VEHICLE. INTERFERENCE WITH CERTAIN SAFETY SYSTEMS COULD CAUSE HARM TO PERSONS AS WELL. IF YOU HAVE ANY QUESTIONS IN THIS REGARD PLEASE CALL THE HELP LINE OR THE METRA AT 1-800-221-0932 FOR ASSISTANCE.**