



## INSTALLATION INSTRUCTIONS FOR PART TYTO-02

# TYTO-02 Toyota Amplified Interface 2013-up

### APPLICATIONS

#### TOYOTA

Avalon (with NAV)	2013-up
Camry (with NAV)	2013-up
Prius Prius V (with NAV)	2013-up
Sequoia (with NAV)	2013-up
Venza (NAV w/o separate display)	2013-up

### KIT FEATURES

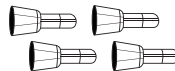
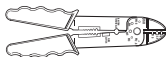
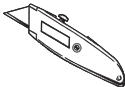
- Provides accessory (12-volt 10-amp)
- Retains R.A.P. (Retained Accessory Power)
- Used in amplified systems
- Prewired ASWC-1 harness included (ASWC-1 not included)
- RCA level input
- USB updatable
- Retains balance and fade

### INTERFACE COMPONENTS

- TYTO-02 • 10-pin harness with RCA's
- 12-pin to 10-pin & 28-pin harness to with stripped leads

### TOOLS REQUIRED

- Cutting tool • Crimping tool • Tape
- Connectors (example: butt-connectors, bell caps, etc.)



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**TYTO-02**

**Caution:** *Metra recommends disconnecting the negative battery terminal before beginning any installation. All accessories, switches, and especially air bag indicator lights must be plugged in before reconnecting the battery or cycling the ignition.*

**Note:** *Refer also to the instructions included with the aftermarket radio.*

## **Connections to be made**

### **From the 12-pin harness:**

- Connect the **Red** wire to the ignition wire of the aftermarket radio
- Connect the **Yellow** wire to the radio's 12-volt battery or memory wire.
- Connect the **Black** wire to the radio's ground wire.
- Plug the 12-pin harness into the TYTO-02

### **From the 10-pin harness:**

- Connect the **Blue/White** wire to the radio's amp turn-on wire of the aftermarket radio.
- Connect the **Gray** RCA to the front right RCA output of the aftermarket radio.
- Connect the **Green** RCA to the left rear RCA output of the aftermarket radio.
- Connect the **Purple** RCA to the right rear RCA output of the aftermarket radio.
- Connect the **White** RCA to the front left RCA output of the aftermarket radio.
- Plug the 10-pin harness into the TYTO-02

### **From the 10-pin Toyota harness:**

- Connect the **Orange/White** wire to the illumination wire of the aftermarket radio. If the aftermarket radio does not have an illumination wire, tape off the **Orange/White** wire.

### **From the 28-pin Toyota harness:**

- Connect the **Green/Purple** wire to the reverse wire of the aftermarket navigation radio.
- Connect the **White** and **Red** RCA to the aux in of the aftermarket radio to retain the OE 3.5mm jack (if equipped).



## TYTO-02

### **Installing the TYTO-02**

- With all connections completed to the aftermarket radio, plug the 28- and 10-pin harness into the vehicles wiring harness.
- Reconnect the negative battery terminal.
- Cycle the key, by turning the ignition on for 30-seconds. Then off and on again to test the radio.

### **Testing the TYTO-02**

- Turn the ignition on if not already, and then turn the radio on to verify that the radio works. Check balance and fader controls for proper operation.
- To adjust the overall volume of your audio system, rotate the potentiometer which is located on the 12-pin side of the interface clockwise.

#### **Additional 12 pin harness (ASWC-1 harness)**

This 12-pin harness is to be used in conjunction with the ASWC-1 (not included). Please refer to ASWC-1 instructions for programming.



## INSTALLATION INSTRUCTIONS FOR PART TYT0-02

### 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 Metra at 1-800-221-0932 for assistance.**



#### KNOWLEDGE IS POWER

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**Metra recommends MECP certified technicians**

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