



## INSTALLATION INSTRUCTIONS FOR PART MITO-03

# MITO-03 Mitsubishi Amplifier Interface 2014-up

### APPLICATIONS

#### MITSUBISHI

Lancer	2014-up
Outlander	2014-up
Outlander Sport	2014-up

### FEATURES

- Retains the factory amplifier
- Pre-wired ASWC-1 harness (ASWC-1 sold separately)
- High level speaker input
- USB updateable
- Retains balance and fade

### INTERFACE COMPONENTS

- MITO-03 interface • MITO-03 harness
- 16-pin harness with stripped leads

### TOOLS REQUIRED

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

**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 to the instructions included with the aftermarket radio.*



MITO-03

## Connections to be made

### From the 16-pin harness to the aftermarket radio:

- Connect the **Blue/White** wire to the amp turn on wire (*this wire must be connected to hear sound from the factory amplifier*).
- Tape off and disregard the **Orange/White** wire, it will not be used in this application.
- Tape off and disregard the **Brown** wire, it will not be used in this application.
- Connect the **White** wire to the left front positive speaker output.
- Connect the **White/Black** wire to the left front negative speaker output.
- Connect the **Gray** wire to the right front positive speaker output.
- Connect the **Gray/Black** wire to the right front negative speaker output.
- Connect the **Green** wire to the left rear positive speaker output.
- Connect the **Green/Black** wire to the left rear negative speaker output.
- Connect the **Purple** wire to the right rear positive speaker output.
- Connect the **Purple/Black** wire to the right rear negative speaker output.

- Tape off and disregard the **Light Green** wire, it will not be used in this application.
- Tape off and disregard the **Blue/Pink** wire, it will not be used in this application.
- Tape off and disregard the **Green/Purple** wire, it will not be used in this application.
- Connect the 16-pin harness into the MITO-03

### From the MITO-03 harness to the aftermarket radio:

- Connect the **Red** wire to the accessory wire.
- Connect the **Yellow** wire to the battery wire.
- Connect the **Black** wire to the ground wire.
- Connect the **Orange** wire to the Illumination wire. (If the aftermarket radio has no Illumination wire, tape off the **Orange** wire.)
- Connect the 14-pin harness into the MITO-03.
- The 12-pin harness is to be used in conjunction with the optional ASWC-1 (not included) to retain steering wheel controls. If the ASWC-1 is not being used, disregard this harness.



MITO-03

## Installing the MITO-03

**Note:** *The factory satellite radio and Bluetooth modules must be disconnected from the vehicle. Failure to perform these steps will cause the factory amplifier to not play properly.*

1. Find and disconnect the factory satellite radio module.
  - The satellite module for the Lancer, Outlander and Outlander Sport can be located high in the passenger side kick panel.
2. Find and disconnect the factory Bluetooth module.
  - The Bluetooth module for the Lancer can be located behind the glove box, up high.
  - The Bluetooth module for the Outlander and Outlander Sport can be located below the factory radio.
3. Connect the 18-pin and 20-pin harness into the vehicle.
4. With all connections completed, reconnect the negative battery terminal.

## Initializing and adjusting the MITO-03

- Initialize the interface by turning the ignition on for 30 seconds, then turn the ignition back off, and on again.
- If the speakers are too loud, or not loud enough, you can adjust the output by following the steps below:
  1. Locate the end of the MITO-02 with the 16-pin harness with stripped leads.
  2. Using a small flat-blade screwdriver, turn the gain knob clockwise to make it louder, or counterclockwise to make it lower.



## INSTALLATION INSTRUCTIONS FOR PART MITO-03

### 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.*

*Our installation parts and kits make aftermarket stereo and video installation a breeze.*