



## INSTALLATION INSTRUCTIONS FOR PART MITO-01

# MITO-01

## Mitsubishi amplifier interface 2006-2012

### APPLICATIONS

#### MITSUBISHI

Eclipse	2006-2012
Endeavour	2007-2011
Galant	2007-2012

### FEATURES

- Retains the factory amplifier
- Provides multimedia wires (parking brake, reverse, and speed sense)
- RCA level input
- Retains balance and fade
- Eliminates "COM ERROR" message on display

### INTERFACE COMPONENTS

- MITO-01 interface • MITO-01 harness
- 14-pin harness with stripped leads and RCA jacks
- 2-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.

REV. 7/17/2014 INSTMITO-01



MITO-01

## Connections to be made

### From the 14-pin harness to the aftermarket radio:

- Tape off and disregard the **Red** wire, it will not be used in this application.
- 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 **Brown** wire, it will not be used in this application.
- Connect the **White** RCA to the left front output.
- Connect the **Gray** RCA to the right front output.
- Connect the **Green** RCA to the left rear output.
- Connect the **Purple** RCA to the right rear output.

**Note:** If the radio does not have RCA outputs, or only one pair, use a line level convertor (sold separately). Use Axxess part number ALOC648 (4 channel) or ALOC608 (2 channel) for best results.

The following wires are for aftermarket multimedia/navigation radios that provide these wires (if not required, tape them off and disregard them):

- Connect the **Light Green** wire to the parking brake wire.
- Connect the **Blue/Pink** wire to the speed sense/VSS wire.
- Connect the **Green/Purple** wire to the reverse wire.

**Note:** Reverse wire is not available on manual transmission vehicles.

**Note:** To retain these wires, please follow the steps under: From the 2-pin harness to the vehicle.

- Plug the 14-pin harness into the MITO-01.

### From the MITO-01 harness:

(a) to the vehicle:

- Connect the **Black** wire with a fork connector to chassis ground.

(b) to the aftermarket radio:

- Connect the **Black** wire to the ground wire.
- Connect the **Yellow** wire to the battery wire.
- Connect the **Red** wire to the accessory wire.
- Connect the **Blue** wire to the power antenna turn-on wire.
- Connect the **Orange** wire to the Illumination wire (if the aftermarket radio has no Illumination wire, tape off the **Orange** wire).
- 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.
- Connect the 20-pin harness into the MITO-01.
- Connect the 16-pin and 22-pin harness into the vehicle.



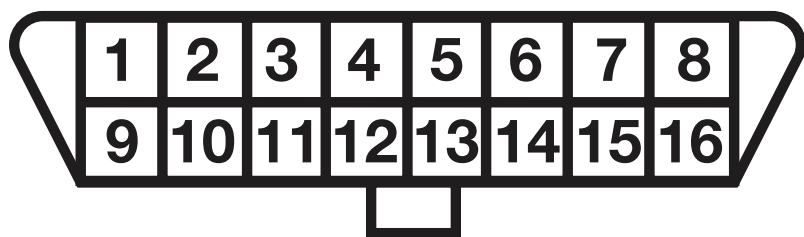
MITO-01

## Connections to be made

### From the 2-pin harness to the vehicle:

If the radio you are installing has navigation built in, the MITO-01 can supply the necessary navigation outputs with some additional wiring. Follow the steps below to connect these wires to the vehicle:

- Locate the OBD2 connector which is located beneath the driver's side dash panel close to the center console and run the **Pink** and **Blue/Pink** wires down to it.
- Connect the **Pink** wire to pin-6 of the OBD2 connector.
- Connect the **Blue/Pink** wire to pin-14 of the OBD2 connector.

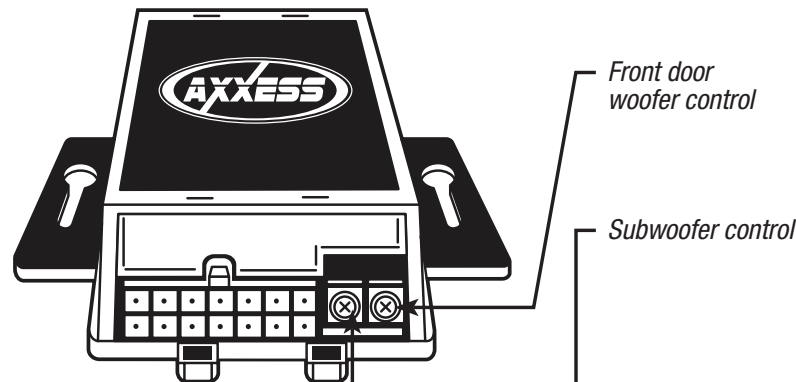


OBD2 connector face view

(Figure A)

## Initializing and adjusting the MITO-01

- Initialize the interface by turning the ignition on for 30 seconds, then turn the ignition back off, and on again.
- If the subwoofer, or front door woofers are too loud, or not loud enough, you can adjust the output by following the steps below:
  - 1) Locate the end of the MITO-01 with the 14-pin harness with stripped leads and RCA jacks.
  - 2) Using a small flat-blade screwdriver, turn the gain knob clockwise to make it louder, or counterclockwise to make it lower.



(Figure A)



## INSTALLATION INSTRUCTIONS FOR PART MITO-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 Metra at 1-800-221-0932 for assistance.**



### KNOWLEDGE IS POWER

Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry. Log onto [www.installerinstitute.com](http://www.installerinstitute.com) or call 800-354-6782 for more information and take steps toward a better tomorrow.



**Metra recommends MECP certified technicians**

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**METRA. The World's best kits.™**

**1-800-221-0932**

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## MITO-01

RETAIN FACTORY AMPLIFIER

**AXXESS**  
INTEGRATE  
AXXESSINTERFACES.COM

The MITO-01 is designed to be used in vehicles listed in the applications that have the Rockford Fosgate audio system. The Rockford Fosgate system uses a digital signal to turn on the amplifier. The MITO-01 supplies that digital signal to turn on the amplifier when the OEM radio is removed. When installing a radio that has navigation built-in, the MITO-01 can supply VSS (Vehicle Speed Sense), Parking Brake, and Reverse, however Reverse is not available on manual transmission vehicles.

**MITSUBISHI 2006-UP**

SEE BACK FOR SPECIFIC APPLICATIONS

## MITO-01



# TURN-ON

RETAINS OEM ROCKFORD FOSGATE  
SYSTEM WHEN REPLACING RADIO

ADJUSTABLE INPUT GAIN

PROVIDES VSS, REVERSE  
& PARKING BRAKE FOR NAV

# MITO-01

## RETAIN FACTORY AMPLIFIER



**MITSUBISHI 2006-UP**

## MITO-01

- Retains the factory amplifier
- Provides multimedia wires (parking brake, reverse, and speed sense)
- RCA level input
- Retains balance and fade
- Eliminates "COM ERROR" message on display



**AXXESS**  
INTEGRATE

**MITO-01**  
TURN-ON

**MITSUBISHI 2006-UP**  
SEE BACK FOR SPECIFIC APPLICATIONS

**AXXESS**  
INTEGRATE

**\*WARNING:** This product contains chemicals, including lead, known to the state of California to cause cancer and birth defects or other reproductive harm. *Wash hands after handling.*

**MADE IN USA**



**AXXESS**  
INTEGRATE

AXXESSINTERFACES.COM  
460 WALKER STREET  
HOLLY HILL, FL 32117-2699  
800-221-0932

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