

### Vehicle Applications

#### MAZDA

2014-Up Mazda 3

2016 Mazda 6

2016 Mazda CX-5

2016 Miata

### Features

- 2 A/V Inputs

### Radio Compatibility

- Mazda Connect Infotainment System

### Note

- This interface does not offer the force RVC feature.



Mazda Connect Infotainment System



Mazda Connect Knob

### Parts Included



MZ-72F Module



MZ-72F Harness



MZ-72F LVDS Cable

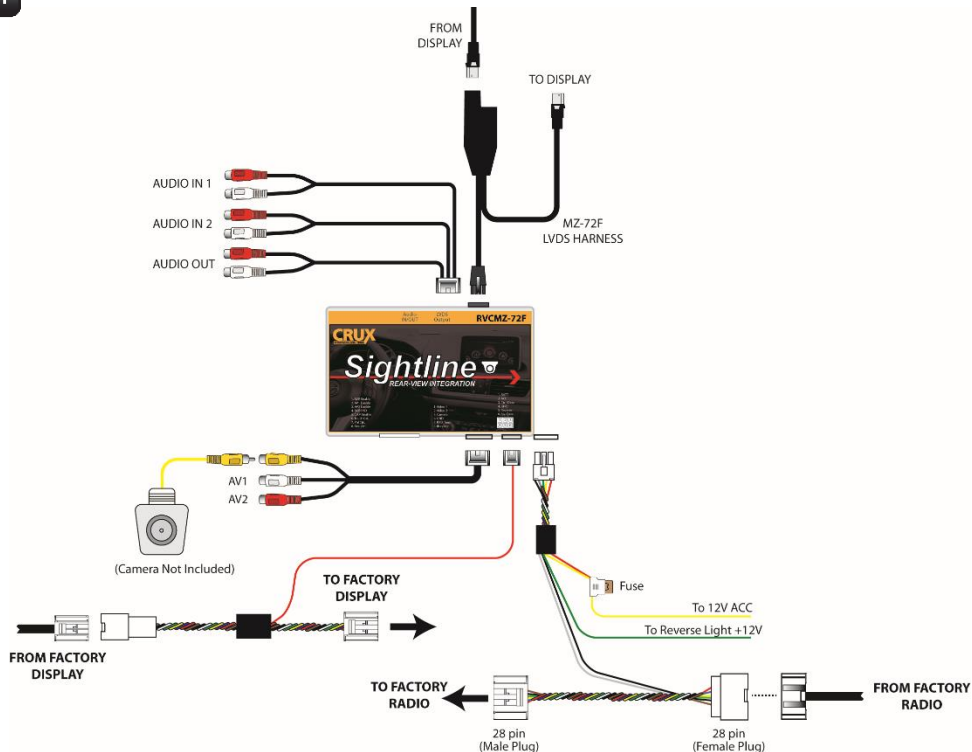


Audio Cable



Video Cable

### Wiring Diagram



#### Installation

##### BEFORE YOU START:

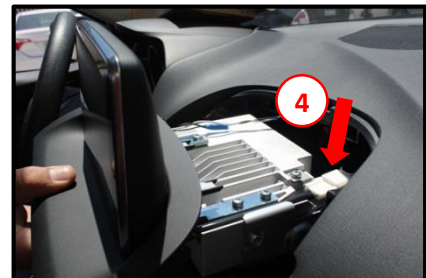
- Set the parking brake before working on the vehicle.
- Disconnect the negative side of the battery to avoid short circuits during installation.
- Check that you have all the necessary parts listed on the "Parts Included" section.
- Verify that you have a secure location to mount the Interface box and harness staying clear of any major components or HVAC system.



1. Remove the AC vent.

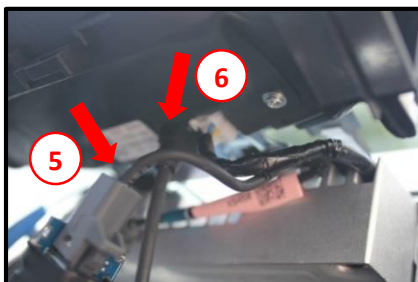


2. Remove 10mm screw to remove the radio.



3. Pull out radio to gain access to the connectors.

4. Unplug the 28-in connector from the back of the radio and plug it into the MZ-72F harness. Plug the other end of the harness back to the radio.



5. Unplug the factory 4-pin LVDS connector and plug it into the MZ-72F LVDS cable.

6. Plug the other end of the MZ-72F LVDS cable back to the display.



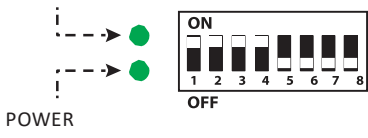
7. Unplug the factory 8-pin male display power harness and plug it into the female 8-pin MZ-72F power harness. Plug the 8-pin male connector of the MZ-72F power harness back to the display. Connect the 8-pin (with one red wire) header to the MZ-72F module. (see diagram on page 1)



8. Run a wire from the reverse light +12V lead to the front of the vehicle and connect to the cam trigger wire (Green) of the MZ-72F harness.



**MAIN INTERFACE MODULE**



**DIP SWITCH DESCRIPTION**

UP = ON     DOWN =

DIP 1 = RGB Enable  
 DIP 2 = AV1 Enable  
 DIP 3 = AV2 Enable  
 DIP 4 = RGB (ON= 480p / OFF= 1080p)  
 DIP 5 = AV4 Enable / Green Wire  
 DIP 6 = IR Programming  
 DIP 7 = Not used  
 DIP 8 = Not used

**LED INDICATORS**

**DATA LINK STATUS:**  
 Blinking = No BUS Detected. Solid = BUS Recognized.  
 OFF = Power Down / Sleep Mode.

**POWER STATUS:**  
 ON = Power On  
 OFF = Power Off

**NOTES:**

- Before connecting the main module, set the proper DIP switch to the 'ON' position.
- Make sure to set the AV source being used to the 'ON' position.
- After each change of the DIP switch settings, we recommend powering down the module, then restarting the vehicle.
- The Video-In-Motion feature does not require activation. This feature is permanently ON and will not disturb the GPS performance.

### Connecting the Video and Audio Inputs



1. Plug the 6-Pin Video Harness to the main interface module. This allows 3 video inputs.



2. Plug the Video devices to the RCA video inputs. See right for video input description.

**VIDEO INPUT DESCRIPTION:**

YELLOW     = Video 1  
WHITE       = Video 2  
RED             = Reverse Camera  
GRAY WIRE = Optional IR Output



3. Plug the 6-Pin Audio Harness to the main interface module. This allows 2 audio inputs and 1 audio output.

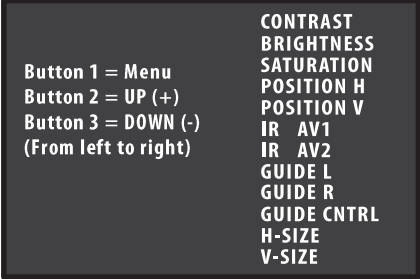
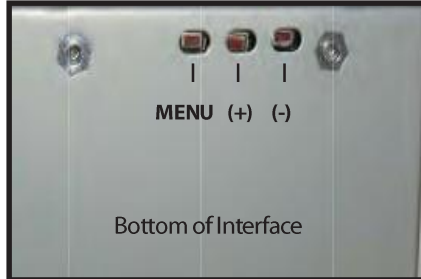


4. Plug the Audio devices to the RCA audio inputs.



5. Using a 3.5mm to RCA cable, plug the audio output to the audio input of the vehicle.





Menu options are available via the menu buttons on the bottom side of the interface module.

### Operating Instructions



1. Using the Mazda Connect knob, select the AUX function for audio feed from video player.



2. Press the phone "hang-up" button for 5 seconds to toggle the video input.



3. Video will now be shown on the display and audio will be heard from the speakers.

