

Vehicle Applications

MAZDA

2014-Up Mazda 3 2016 Mazda 6 2016 Mazda CX-5 2016 Miata

Features

- Plug and Play connectors make installation simple and easy.
- Utilizes the latest mapping version of iGo Primo.
- 2 A/V Inputs + Reverse camera input

Radio Compatibility

- Mazda Connect Infotainment System



Mazda Connect Infotainment System



Mazda Connect Knob

Note

- This interface does not offer the force RVC feature.

Parts Included



MZ-72A Module



MZ-72A Harness



MZ-72A LVDS Cable



Audio Cable

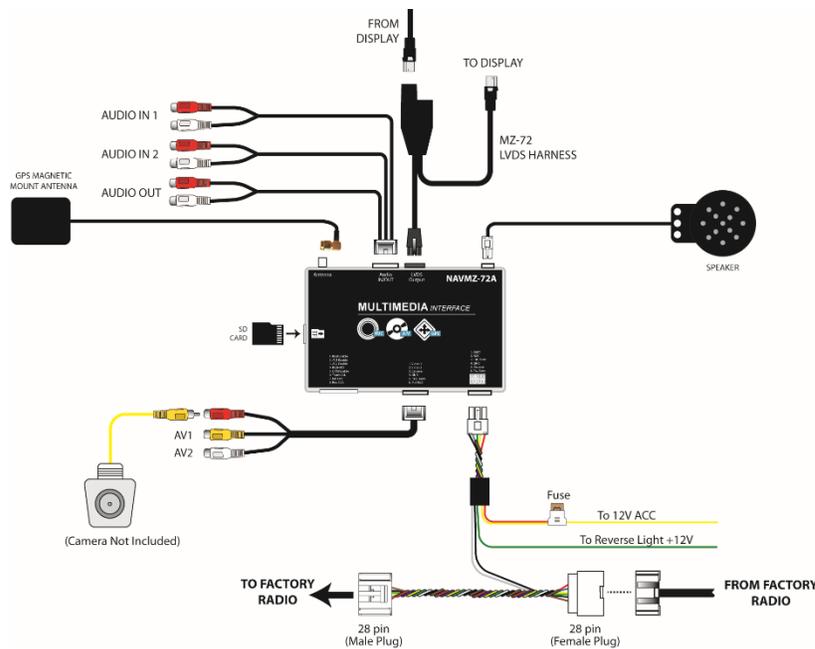


Video Cable



Speaker

Wiring Diagram



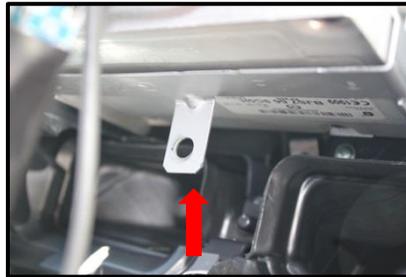
Installation Instructions

BEFORE YOU START:

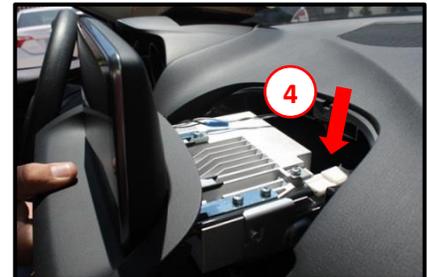
- Set the parking brake before working on the vehicle.
- Disconnect the negative side of the battery to avoid short circuits during installation.
- Check that you have all the necessary parts listed on the "Parts Included" section.



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-72A 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-72A LVDS cable.

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



7. 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-72A harness.

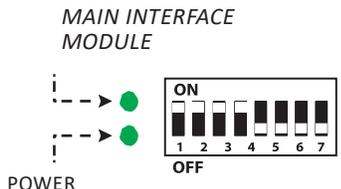


8. Install camera (sold separately) and run the camera cable to the MZ-72A module and plug to the camera input RCA.

9. Mount the external speaker provided in a suitable location and plug into the MZ-72A module.



MAIN INTERFACE MODULE



DIP SWITCH DESCRIPTION

UP = ON
 DOWN = OFF

- DIP 1 = ON = External RGB Enable
- DIP 2 = ON = AV1 Enable
- DIP 3 = ON = AV2 Enable
- DIP 4 = RGB (ON= 480p / OFF= 1080p)
- DIP 5 = ON = AV4 Enable, aftermarket camera installed (connect Green wire to +12V)
- DIP 5 = OFF = If OEM camera is installed (connect Green wire to +12V)
- DIP 6 = IR Programming
- DIP 7 = Always OFF
- DIP 8 = Always OFF

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 camera and 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.

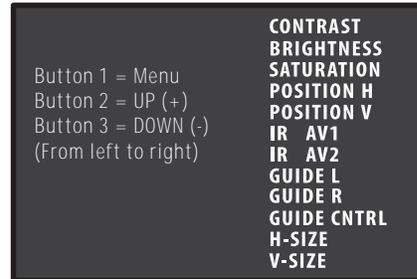
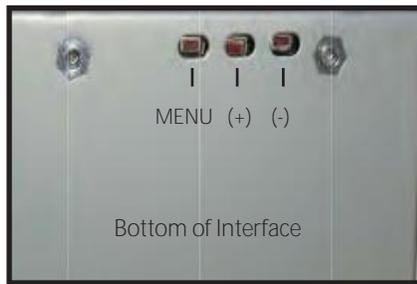


4. Plug the Audio devices to the RCA audio inputs.



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



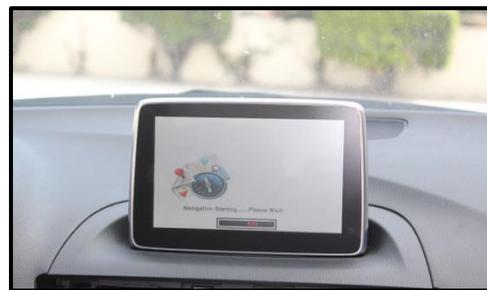


Menu options are available via the menu buttons on the bottom side of the interface module.

Operating Instructions



1. Press the phone "hang-up" button for 5 seconds to toggle between Navigation and video inputs. Each toggle of the input requires the "hang-up" button to be pressed for 5 seconds.



2. Go to navigation mode and let the map load.



3. Once the map has loaded, you can begin to use the navigation. Use the touch screen feature to navigate through the settings.



4. To play video or audio, use the Mazda Connect knob, select the AUX function for audio feed from video / audio player.



5. Press the "hang-up" button for 5 seconds to toggle to the desired AV input. Play the device.



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



