

# ADAS-4550 Installation Instructions (Infinity Auto Dimming Wedge Mount Mirror w/ Mobileye Eye Watch Display)

**IMPORTANT:** Check kit contents and read instructions before installing. For the latest full color instructions please visit [www.brandmotion.com](http://www.brandmotion.com)

## Kit Contents

Infinity Auto Dimming Mirror
Mirror Harness
These Instructions

## Mirror Mounting

NOTE: This mirror has a Wedge/ D-tab style mounting base; please check our Application Guide to ensure it is compatible with your vehicle. Additionally, Brandmotion offers various windshield mirror adapter brackets, which are available separately.

NOTE 2: In some cases, it may be necessary to remove a cover to access the wedge mount on the windshield and/or modify the cover slightly to clear the mirror mount. Additionally, if your vehicle is equipped with a mirror cover, mirror adjustability may be restricted.

To install:

1. Loosen vehicle mirror screw using a T20 Torx driver and remove existing vehicle mirror.  
**CAUTION:** Do not twist mirror as windshield damage could result.
2. Carefully slide supplied Mirror onto windshield tab.
3. Torque supplied Mirror screw to 1.8 Nm (16 lb-in) and do not exceed 2.2 Nm (19.5 lb-in).



## Mirror Wiring

1. Use a multimeter to test for vehicle Ignition (+) and Reverse (+) signals. Typical locations are behind the driver or passenger side kick panel or under the dash. Set parking brake, start vehicle, and have an assistant shift into Reverse while you test for Ignition and Reverse signals.
2. Plug Mirror Harness into Mirror and route beneath headliner and down the A-pillar closest to the Ignition and Reverse signal locations.
3. Splice Mirror Harness wires to the following required connections:
  - Red** - Ignition controlled power 12v+ when key is ON
  - Black** - Chassis ground
  - Green** - Connect to Reverse (+) 12V power.
4. If vehicle is equipped with Exterior Auto Dimming Mirrors, use a multimeter to identify the appropriate vehicle wires and splice the **Blue wire to** Exterior EC (auto dimming) mirrors (-) and the **White wire to** Exterior EC (auto dimming) mirrors (+)

**IMPORTANT:** If vehicle is NOT equipped with Exterior Auto Dimming Mirrors, isolate **Blue & White** wires and cover with electrical tape.

5. Mobileye eye watch harness plugs into mobile eye unit installed in vehicle.

Mirror & Mirror Harness Pinout			
PIN	MIRROR WIRE COLOR	MIRROR HARNESS WIRE COLOR	FUNCTION
1 - 3	N/A	N/A	Not used
4	Purple	White*	Exterior EC (auto dimming) mirror (+)*
5	N/A	N/A	Not used
<b>6</b>	<b>Red</b>	<b>Red</b>	<b>Ignition (+)</b>
<b>7</b>	<b>Orange</b>	<b>Green</b>	<b>Reverse (+)</b>
<b>8</b>	<b>Black</b>	<b>Black</b>	<b>Ground</b>
9	Gray	Blue*	Exterior EC (auto dimming) mirror (-)*
10	N/A	N/A	Not used
<b>*If vehicle is equipped.</b> Outside EC (auto dimming) Drive is 1.20 - 1.30v DC. These instructions only pertain to functions on the supplied mirror and do not support other vehicle features.			



1. **LEFT/RIGHT DEVIATION ALERT**  
When a Lane Departure Warning is sounded, the left or right deviation alert indicator will flash for 0.7 seconds.
2. **PEDESTRIAN ICON**  
Displayed only when a pedestrian or bicycle are detected ahead of you in the same lane.
3. **HEADWAY VISUAL ALERT (CAR ICON)**  
Displayed only when a vehicle in the same lane is detected ahead of you. Colored green or red according to safe or unsafe headway.
4. **HEADWAY-DISTANCE METER**  
A two-digit number that displays your headway (in seconds) from the vehicle ahead. Only values of 2.5 headway seconds or less are displayed.
5. **ZERO SPEED INDICATION**  
When the ego speed of the vehicle is zero, the two bottom lines of the two digits are turned on (thus, indicating zero speed).
6. **SYSTEM ON**  
Indicated by a green dot.
7. **MUTE**  
Indicated by a flashing green dot between the two digits of the headway figure.
8. **LOW VISIBILITY INDICATION**  
Dimming of the numerical display (headway distance meter). Displayed during low visibility conditions (bad weather, direct sunlight, dirt on windshield, etc). The Mobileye 5-Series continue to work but there may be degradation in detection ability. If low visibility persists, check for possible camera obstructions (dirt, humidity, etc).
9. **IHC INDICATION**  
Green icon means Mobileye IHC is enabled. Blue icon means Mobileye IHC is active.



Mobileye button is the center button on the back of the *right hand* side of the mirror.

(-) Button is the left button on the back of the *right hand* side of the mirror.

(+) Button is the right button on the back of the *right hand* side of the mirror.

### Control Panel (available in the Mobileye S60 system)

Please note that the EyeWatch menu button will be disabled as long as the vehicle's speed is greater than 0, to prevent the driver from changing system settings while driving. The volume settings are always enabled, regardless of the vehicle's speed.


#### Mode Selection

##### Turning the Mobileye S60 system OFF/ON


**Turning OFF:** Press the (  ) button until the EyeWatch Display turns off.

**Turning ON:** Press any button.

##### Changing the EyeWatch Display's Brightness Level:

- Press (  ) once. All the display icons will appear.
- Press the (-) (+) buttons to decrease or increase the brightness level.
- There are 5 available levels (1-5). Mobileye S60 automatically adjusts brightness levels for day and night.

##### Changing the Headway Warning Timing:

- Press (  ) twice. A red car icon will appear.
- Press (-) to decrease the headway-warning timing; press (+) to increase it.
- Available levels: 0.1-2.5


##### Changing Mobileye LDW Sensitivity:

- Press (  ) 3 times. The right and left lane icons will appear.
- Press (-) to decrease Mobileye LDW sensitivity; press (+) to increase it.
- There are 3 available levels (0-2)


#### CAUTIONS:

- If you set Mobileye LDW sensitivity to "0", it will disable LDW alerts.
- To enable Mobileye LDW alerts, make sure the Mobileye LDW sensitivity level is set to either level 1 or 2.

### Changing Mobileye PCW Sensitivity:

- Press the (  ) 4 times. The pedestrian red icon will appear.
- Press the (-) to decrease the Mobileye PCW sensitivity, or press (+) to increase it. There are 3 available levels (0-2).

### Enabling and disabling Mobileye IHC:

- Press (  ) 5 times. The IHC green icon will appear.
- Press (+) to activate Mobileye IHC; press (-) to deactivate it. There are 2 available modes: Level 0 means Mobileye IHC is off; Level 1 means Mobileye IHC is on.

### Volume Control

Press the (-) button repeatedly to decrease volume; press the (+) button repeatedly to increase volume. There are 6 volume levels (0-5).

Note: When the volume is set to zero, the Mobileye LDW and Mobileye HMW sounds are disabled, but Mobileye FCW sound volume will default to level "3".

### Mute

**Option 1:** Set volume level to "0", from the EyeWatch Display.

**Option 2:** Press and hold the (-) button on the EyeWatch Display for 1.5 seconds.

To exit Mute, press (+).

Note: The mute mode will be active until the system is turned off. Following system initialization, the system will return to the preset volume.

### Virtual Bumper Sensitivity (VB)

To change the Virtual Bumper sensitivity, press and hold the (+) button, and then press the (-) button for 1.5 seconds. A red car icon will start flashing and the numerical display will light. Press (-) to decrease VB sensitivity, or press (+) to increase it. VB sensitivity is limited to distances between 1 meter and 2 meters.

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