

Universal OE Style Auto Dimming Mirror w/ 4.3" Monitor

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Product Features

- Automatic brightness adjustment for monitor
- OE style auto dimming mirror
- 4.3" screen
- 2 video inputs
- Adjustable parking lines via included remote
- Reverse trigger input

KIT COMPONENTS

- A) Mirror with mount
- B) Power harness
- C) Accessories

A



B



C



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TOOLS REQUIRED

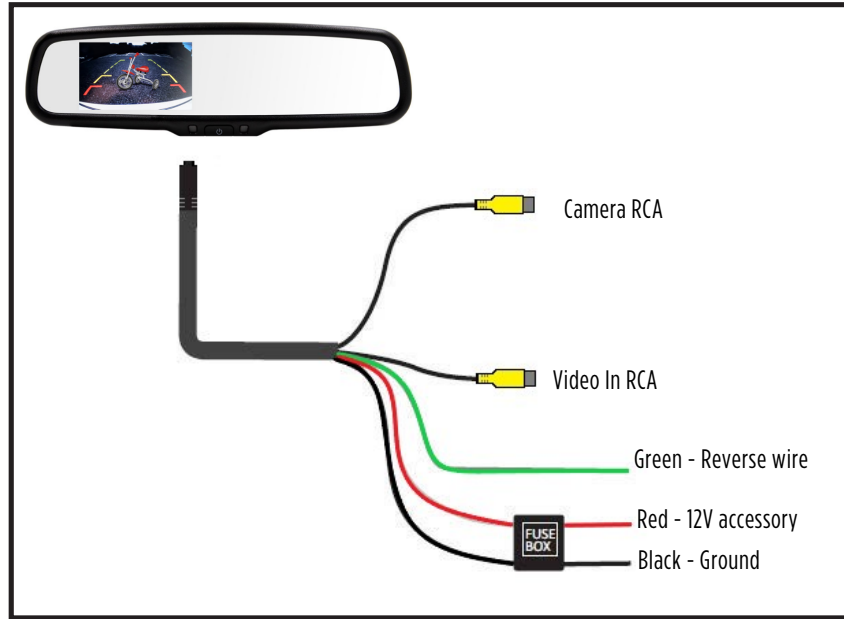
- Cutting/stripping tool • Tape
- Pry tool • Painters tape or chalk

Attention! When testing the aftermarket equipment, ensure that all factory equipment is connected before cycling the key to ignition.

MIRROR WIRING

Mirror Wiring: (Figure A)

1. Connect the **BLACK** wire to chassis ground.
2. Connect the **RED** wire to 12V accessory.
3. Connect the **GREEN** wire to a positive reverse trigger.
4. Connect the **YELLOW** female RCA labeled **CAMERA** to the reverse camera male RCA.
5. The second **YELLOW** female RCA labeled **Video In** can be used for a second video input.



(Figure A)

MENU OPERATION

Menu Operation:

Button Operation On the remote: (Figure B)

- Short press of **MENU** button allows you to switch between the menus. (Figure B, 1)
- Press **SEL/REC** to switch among the options. (Figure B, 2)
- **UP** and **DOWN** allow the user to change the setting of each option. (Figure B, 3)

System Menu: (Figure C)

- Scale - Guidelines On or off
- Language - English, Dutch, French, Spanish, Portuguese, Italian, Netherlands
- Preset - Resets all settings to default

Picture Menu: (Figure D)

- Brightness - 00-100 by 5
- Contrast - 00-100 by 5
- Color - 00-100 by 5
- MIN Brightness - (-10 - 10)

Auto Dimming Menu: (Figure E)

- Dimming Start - (-5 - 50)



(Figure B)

SYSTEM	
SCALE	ON
LANGUAGE	ENGLISH
PRESET	OFF

(Figure C)

PICTURE	
BRIGHTNESS	50
CONTRAST	50
COLOR	50
MIN BRIGHTNESS	00

(Figure D)

AUTO DIMMING	
DIMMING START	00

(Figure E)

BRIGHTNESS ADJUSTMENTS

Automatic Brightness Adjustment

The brightness of the monitor screen will vary with the ambient light. This provides the driver with a clear view of the screen in different lighting situations when reversing.

Weak Light

When the ambient light is weak, the screen will automatically reduce the brightness of the screen to provide a better visual.

Strong Light

When the ambient light is strong, the screen will automatically increase the brightness of the screen to provide a better visual.

Light Sensors

Back Sensor (Figure E)

Detects the ambient light of the environment and oncoming traffic.

Front Sensor (Figure F)

Detects the light from vehicles approaching from behind the vehicle.

NOTE: Tint on vehicle windows may affect the effectiveness of the front sensor.



(Figure E)



(Figure F)

PARKING GUIDELINE ADJUSTMENT

Parking Guideline Adjustments

NOTE: The guideline adjustments can ONLY be done while the vehicle is in reverse and the backup image is on the screen.

- Pressing the center button will enter the adjustment mode. The system starts by adjusting the left line first. Pressing this button a second time will switch to the right line. (Figure G)
- Pressing the arrow buttons will move the guideline in the direction of the button pressed. (Figure H)
- Pressing the buttons that are indicated in **Figure I** will change the angle or rotation of the parking guideline. (Figure J)

Once the calibration of the guideline are complete, vehicle should be shifted out of reverse gear to save the adjustments.



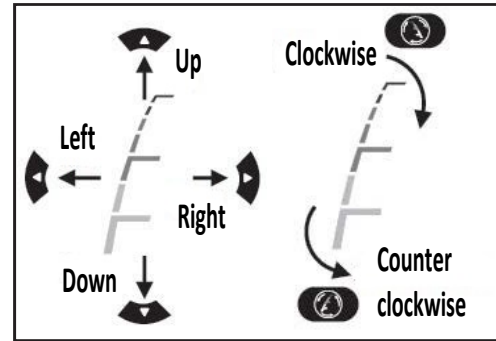
(Figure G)



(Figure I)



(Figure H)



(Figure J)

(Continue to next page)

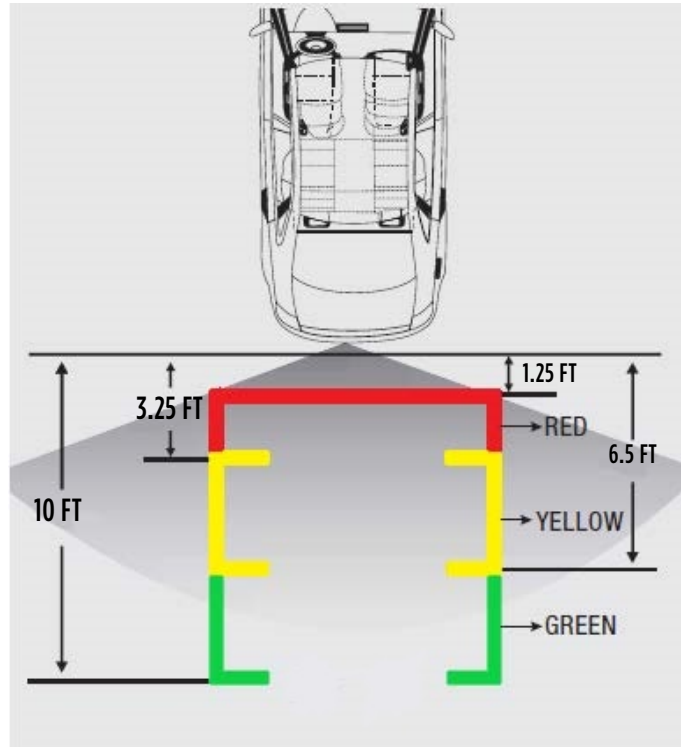
PARKING GUIDELINE ADJUSTMENT *contin.*

When setting the guidelines it is suggested to use the grid and measurements in **Figure K** as a guideline. iBEAM suggests laying tape or using chalk to mark off the measurements to properly assist in adjusting the guidelines.

When calibrating the guidelines, there will be numbers on the top of the screen.

- XL and XR refer to the position of the left and right lines on a X-axis
- YL and YR refer to the position of the left and right lines on a Y-axis
- NUM-L and NUM-R refer to the rotation of the left and right lines

The YL and YR numbers should match and the NUM-L and NUM-R should match. The XL and XR will not because of their position on the screen.



(Figure K)

MIRROR SPECIFICATIONS

Reverse Image	Trigger sensing
Inputs	2
Signal System	PAL/AUTO/NTSC
Screen size	4.3"
Display	LCD
Resolution	480 (H) x 272 (V)
Working Voltage	DC 12V
Parking Lines	Adjustable
Remote	Included
Luminance	1000-4000 nits
Languages	Multiple
Current Draw	90mA
Contrast	400:1
Aspect Ratio	16:9



TE-AD43

INSTALLATION INSTRUCTIONS



Having difficulties? We're here to help.



Contact our Tech Support line at:

1-800-253-TECH



Or via email at:

techsupport@metra-autosound.com

Tech Support Hours (Eastern Standard Time)

Monday - Friday: 9:00 AM - 7:00 PM

Saturday: 10:00 AM - 7:00 PM

Sunday: 10:00 AM - 4:00 PM



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Metra recommends MECP certified technicians