iBEAM
VEHICLE SAFETY SYSTEMS

Universal 7" Mirror Monitor Single View 3-Inputs

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Product Features

- 7" Mirror monitor
- 3 inputs for reverse, right and left side blinkers
- Each input independently triggered
- Adjustable parking lines built into mirrorr

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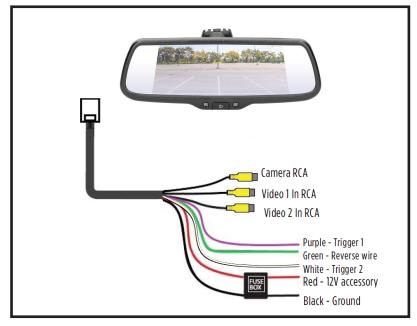
TOOLS REQUIRED

- Wire stripper
- Tape
- Digital Multi-meter
- Cutter

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

Part Components

A) Mirror   B) Accessories   C) Cable

A

B

C

Mirror Wiring *(Figure A)*

1. Remove the factory mirror from the windshield and mount the TE-RM7 to the D-shaped mount on the windshield. If the D-shaped mount is not available, please use iBEAM part # **TE-M06**.

2. Run the wiring across the headliner and down the A-pillar to the underdash area.

3. Connect the wires to the designated sources. **Verify with a multi-meter that the correct wire is being used.**

   - **RED** wire to 12V accessory
   - **BLACK** wire to chassis ground
   - **GREEN** wire to a positive reverse trigger for the **CAMERA** input.
   - **PURPLE** wire to a positive trigger **IF Video 1** is being used
   - **WHITE** wire to a positive trigger **IF Video 2** is being used

4. Connect the used camera to the appropriate **YELLOW** female RCAs.

(Figure A)

Menu Operation:

Button Operation (on mirror frame): (Figure A)

To use the touch points, touch the frame of the mirror below the symbol on the screen.

TO operate the menus, reverse must be triggered and a camera must be connected.

- #1 switches different cameras
- #2 Move through the menu
- #3 Short press enters the Menu settings
- #4 Move through the menu
- #5 Enter/OK
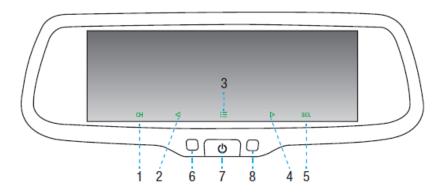- #7 Turns the display on/off

To Set Back up guidelines

- #3 Long press enters the menu setting to change the back up guidelines
- Still use #2 and #4 to move through the settings
- #5 Enter/OK

System Menu: (Figure C)

- Scale - Guidelines on or off
- Preset scale - Resets guidelines to default setting
- Preset - Resets all settings to default

Picture Menu: (Figure D)

- Brightness - 00-100 by 5
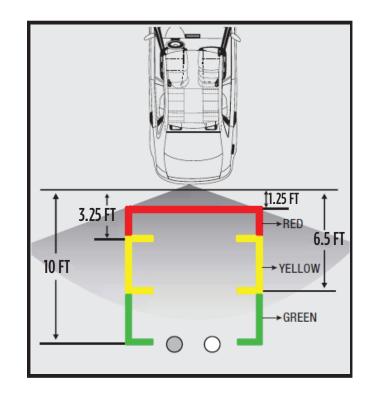- Contract - 00-100 by 5
- Color - 00-100 by 5

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

When calibrating the guidelines, there will be numbers on the top of the sccreen.
- 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 the NUM-L and NUM-R. The XL and XR will not because of their position on the screen.
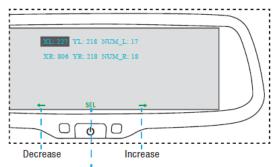
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Parking Guideline Adjustments

NOTE: The guideline adjustments can ONLY be done while the vehicle is in reverse and the backup image is on the screen
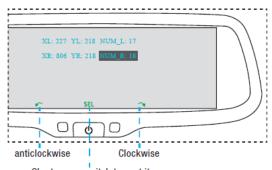
- The adjustments are defaulted to adjust the left line first

When in the XL, XR, YL or YR setting

- Use the arrows to move the numbers up or down to adjust the lines
- Use a short press of the SEL to move through the different settings
- Use a long press of the SEL to Save the settings and exit (do not do this until all settings are set because it will exit the screen)

When in the NUM_L or NUM_R setting

- Use the arrows to rotate the lines if needed
- Use a short press of the SEL to move through the different settings
- Use a long press of the SEL to Save the settings and exit (do not do this until all settings are set because it will exit the screen)

XL: 227 YL: 218 NUM_L: 17
XR: 806 YR: 218 NUM_R: 18

SEL

Decrease   Increase

Short press: switch to next item
Long press: save the setting and exit

XL: 227 YL: 218 NUM_L: 17
XR: 806 YR: 218 NUM_R: 18

SEL

anticlockwise   Clockwise

Short press: switch to next item
Long press: save the setting and exit

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.

NOTE:

Tint on vehicle windows may affect the effectiveness of the sensor.

All Inputs	Trigger Sensing
Inputs	3
Signal System	NTSC
Display	7.2"
Resolution	1280 x 390
Working Voltage	10-16V DC
Parking Lines	Adjustable
Remote	Inlcuded
Luminance	550 LX 438cd/m2
Working Temp.	-20C ~ +65C
Monitor Brightness	Auto

iBEAM
VEHICLE SAFETY SYSTEMS

Having difficulties? We're here to help.

Contact our Tech Support line at:
386-257-1187

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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