1 Contents
The 250-8208-TL box contains the following accessories:
- Rearview mirror assembly: 2105 TLM- TLM-2
- Wire harness
- User's manual
- Remote control

2 Features
- 4.3” Ultra High Brightness Back-up camera display
- One-Touch Input for second camera
- Manual Nighttime Dimming Control
- Automatic Monitor Brightness adjustment
- 4 from glass and 2 CHM-styling mounting brackets
- Adjustable back-up guide lines
- Manual Dimming Control

3 Specifications
- Screen size: 4.3” inch
- Display Screen Type: TFT-LCD
- Resolution: 480X3 (272XV)
- Brightness: 1200cd/m
- Working Voltage: DC24V
- Signal System: PAL / Auto / NTSC

4 Removal / Installation
Removing the original mirror
CAUTION: DO NOT USE EXCESSIVE FORCE WHEN REMOVING MIRROR FROM THE WINDSHIELD MOUNT. THE WINDSHIELD BUTTON MAY SEPARATE FROM THE WINDSHIELD OR THE WINDSHIELD MAY BREAK IF FORCE APPLIED. NOTE: There are several versions of mirror mounting systems. If unfamiliar with mirror removal, seek professional assistance.

To allow mirror removal:
- Remove any trim or rear sensor cover.
- Group the mirror base or the windshield and turn counterclockwise slowly 1/4 turn. The mount will release and the mirror will come off.

5 Wiring
- Red: To back up camera
- Blue: Front Camera in (12V)
- Purple: 2nd input trigger (+12v) to rear trigger (-12v)
- Black: to GND (-12v)
- Signal System: PAL / Auto / NTSC

6 Rear Camera Display
When the car is in reverse, the monitor will automatically display the connected backup camera.

7 Automatic Nighttime Screen Dimming
The Green standby indicator will always be on when the unit is powered on and ready to display the camera or video input. When the interior is displaying at night the indicator will off.

The Monitor automatically detects the light level with the photo sensor on the left side of the control button. Do not block this sensor or this function will not work correctly.

8 One-Touch Display Mode
When a second camera such as a Front camera is connected you can select this input by pressing the button for 2 seconds one time for on, one time for off. The 2nd input will shut off in 20 seconds after the button is pushed.

In dark environments or at night the screen will automatically reduce the brightness for better viewing. The brightness level can be adjusted in the settings.

9 Remote Control - Other Functions
- Press the button to change the Lang guide line.
- Clockwise:
- UP:
- DOWN:
- RIGHT:
- LEFT:
- When the remote does not operate make sure the battery activation strip has been removed.

10 Adjustable Parking Guidelines
The 250-8208-TL is equipped with adjustable guide lines that should be set correctly at the time of installation. Generally, these guidelines are used to help drivers estimate the distance from obstacles when parking. There are three lines for reference: Red, Yellow and Green. These lines are displayed on the monitor when car is in reverse. The lines should be adjustable and the green line starts approximately 90 away from the rear of car, the yellow line starts approximately 45 away from the rear of car, and the red line starts approximately 30 away from the rear of car. The lines should also be adjustable to approximately 10 wider than the vehicle on each side to assist in parking.

11 Adjusting The Guidelines
Adjusting the guidelines:
By placing items behind the vehicle at the measurements shown above you will properly and quickly customize the parking lines for this particular vehicle.

Once you have either marked the area or place items such as traffic cone behind the vehicle make sure the parking brake is engaged and one is behind the vehicle.
- Place the vehicle into reverse gear and press the guideline adjustment key in the corner of the 4 directional keys on the remote control.
- A series of position numbers will appear at the top of the screen. The system will always select the left line first (XL).
- Press the button again to select the right guide line (XR).
- Use the , buttons to adjust the location of the selected position.
- To adjust the angle of the guidelines press the rotation button key below on 4 position keys to rotate the lines clockwise or counter clockwise.
- When you are finished place the vehicle in Park, the monitor will shut off and the positions will be saved in the mirror’s memory.

12 Adjusting The Guidelines - Cont.
Press the button to choose the LR guide line.
- Right
- Up
- Down
- Clockwise
Remote control
Move the guideline
Rotate the guideline

13 Remote Control - Other Functions
- The Keys outlined in Red here no functional will not operate with the mirror. This is normal operation and these are reserved for future use.

14 Rear View Night Dimming Function
The control under the mirror allows the driver to adjust the reflection from high beam head lights of vehicles approaching from behind. Flip the switch forward to change the mirror angle and dim the mirror as needed. To return to normal view, flip the switch towards the rear of the vehicle.

15 Warranty
Rostra Precision Controls, Inc. (“the Company”) is committed to quality and customer service, and are pleased to offer you this Warranty. Please read it thoroughly.

16 Adjustable Parking Guidelines
Obtaining Warranty Service
To obtain repair or replacement within the terms of this Warranty, return to the installing dealer for service.

ATTENTION: DO NOT USE EXCESSIVE FORCE WHEN REMOVING MIRROR FROM THE WINDSHIELD MOUNT. THE WINDSHIELD BUTTON MAY SEPARATE FROM THE WINDSHIELD OR THE WINDSHIELD MAY BREAK IF FORCE APPLIED. NOTE: There are several versions of mirror mounting systems. If unfamiliar with mirror removal, seek professional assistance.

17 Settings Menu
The settings menu allows you to adjust the following:
- Brightness
- Contrast
- Color
- Night Brightness

18 Adjustable Parking Guidelines
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19 REARVIEW MONITOR 250-8208-TL
Manual Nighttime Dimming

One Touch/Quick View Front Camera Input

Install / User Manual

Rostra Precision Controls, Inc.
4.3” Ultra Bright Screen
250-8208-TL Rearview Mirror Monitor