

PYLE®



PLCMTR71

Commercial Grade Safety Camera & Video System

USER MANUAL

PLCMTR - Commercial Grade Camera System

Please read instructions carefully before installation and use. Installation should be performed by a professional installer.

To ensure your safety, the driver should not watch videos or operate features on the monitor while driving. There are no serviceable parts in this unit, do not disassemble or try to repair this unit. If the unit malfunctions please return to your vendor or send to a Pyle repair facility. Please observe and obey the local laws and regulations when installing the unit. Upon Installation, please make sure as to not to interfere with any of the vehicle's safety features, wiring, components, etc. We are not responsible for any damages, injury, malfunctions or otherwise noted due to faulty or non-professional installation.

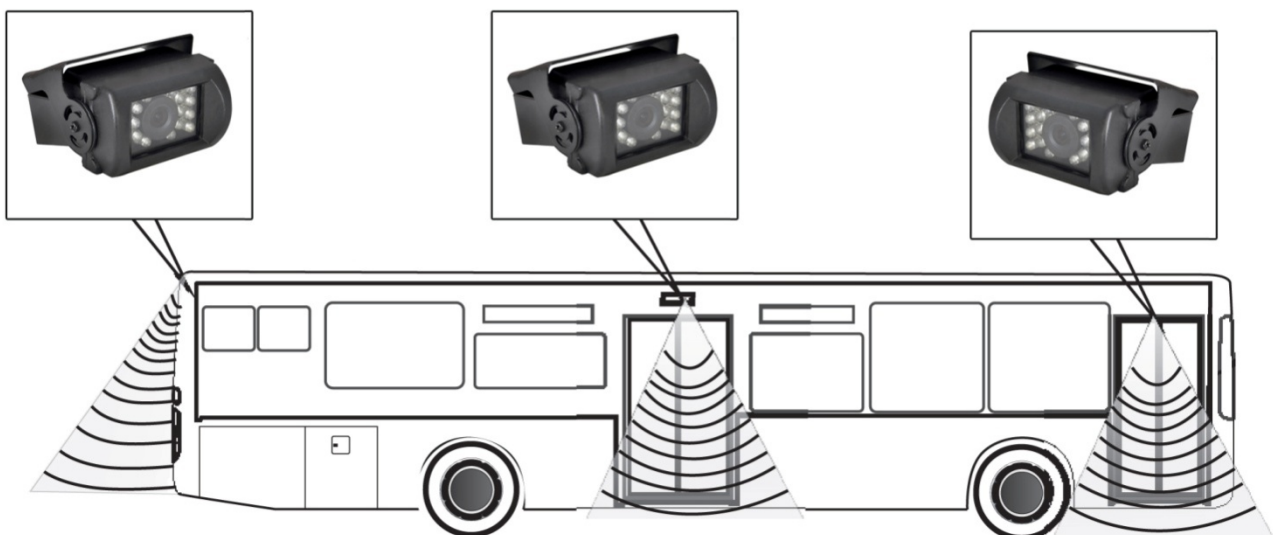
Connection

Connect the camera's threaded locking 4-pin cable connectors into the female receiving connection of the included 4-pin extension cable. The extension cable then connect to your compatible video monitors with 4-pin receiving connector. The threaded locking cable connectors of the camera serve to provide power and video for the camera.

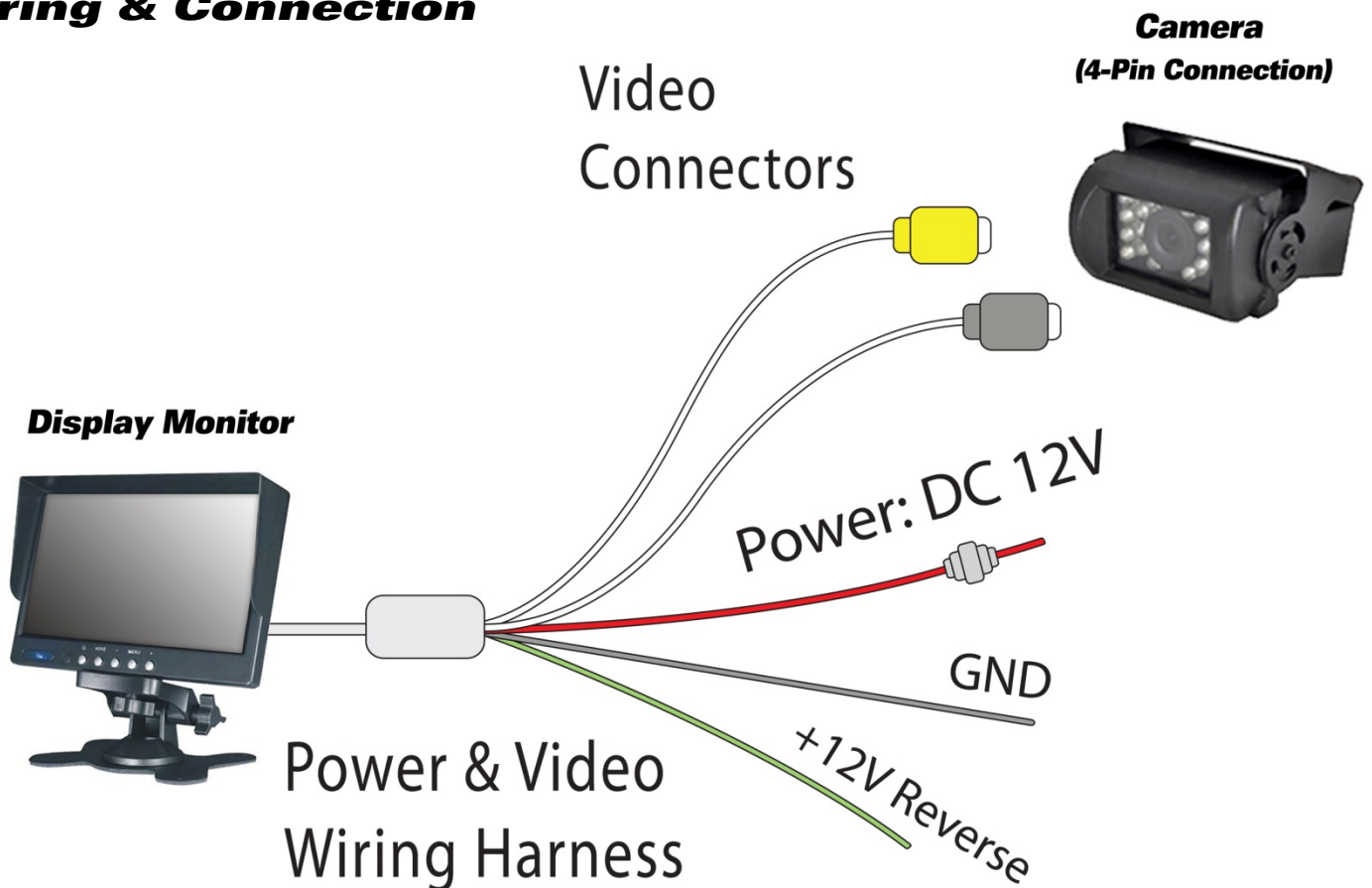
Please remember to disconnect your vehicle's battery prior to any connection / installation. Use the included wiring harness to provide power and video signals to your monitor. There are colored wires to assist in the video camera system setup. *See the wiring diagram for connections between cameras, monitor and your vehicle*

When turning the vehicle's ignition key or turning to the accessory or ON position, power is supplied to the camera system through the control box and the monitor will be in stand-by mode.

Versatile Mounting Installation



Wiring & Connection



Red: Power 12/24V

Black: GND

Green: +12V Reverse

*When the Green - **Reverse Trigger** - is connected, the system will automatically revert to this connection once the vehicle is placed into reverse gear. This is connected to the camera via 4-Pin connection.

*The monitor controls allow the user to adjust picture settings horizontal or vertical based on the mounting location of the camera.

*Please note: The monitor may include a 'volume' function in the menu settings. This feature is not available for this model.

PLCMTR - Commercial Grade Camera System

The video monitor is provided power and camera video signals via the video and power wiring harness. From the monitor, you will be able to control Ch. 1, Ch. 2, input video cameras (V1, V2).

The power and video wiring harness includes an RCA (video) connector for you to install an additional video input source.

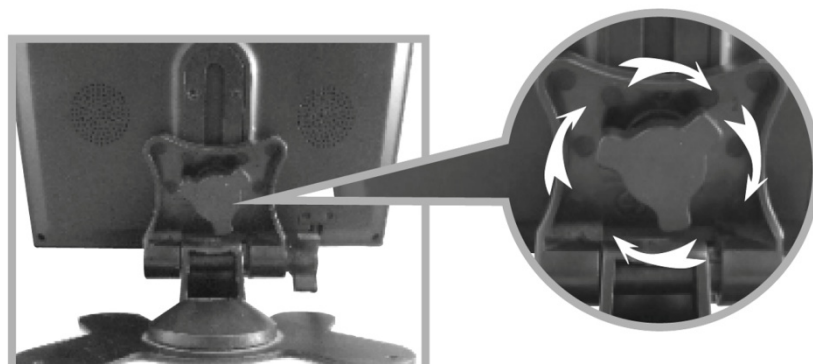
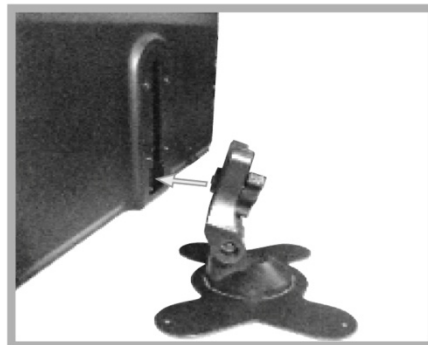
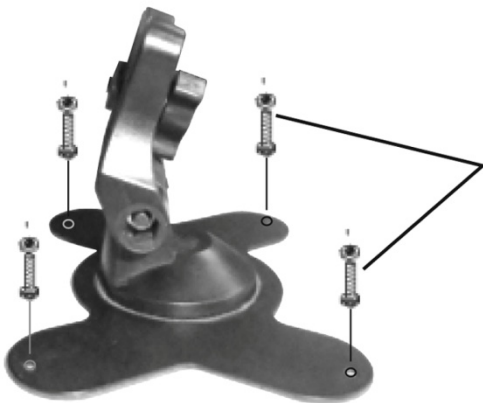
Monitor Controls

- | | |
|---|---------------------|
| 1 | Power |
| 2 | V1 / V2 |
| 3 | '-' Down Adjustment |
| 4 | Menu |
| 5 | '+' Up Adjustment |

*Please note, in cold weather and low temperatures, the display monitor may require some time to 'warm up' to clearly display a picture on the display.



Monitor Stand Mounting



PLCMTR - Commercial Grade Camera System

1. Set the mount stand in the desired location, then use screws to secure the mount stand into location. Please make sure as to set a location free from vehicle obstruction including any wiring, or location where it may obstruct the driver's view, driving conditions, etc.
2. Attach the metal buckle piece on top of the fan shaped mount stand, and slide it into the receiving slot in back of the display monitor assembly. This metal buckle should slide in and up to the monitor assembly.
3. Set the desired position/height of the buckle into the monitor assembly.
4. Tighten the clamp-style knob in the back of the stand mount to secure the monitor in the desired position.
5. The angle / tilt position of the stand mount is also adjustable. Located toward the base of the stand mount is another clamp-style knob.

**Be sure to mount the video monitor from speakers or other devices which may distort the output display. Keep the monitor away from the speaker's or other device's magnetic field.*

**Install the monitor on a surface that can bear the capacity of over 9 lbs.*

**Don't install the monitor in the line of ventilation areas (keep away from extreme hot and extreme cold temperatures).*

**The monitor is not waterproof, avoid exposure to excess liquids or harsh cleaning chemicals/detergents.*

**Holes in the back of the display monitor serve as ventilation ducts. To ensure operation of the unit, and protect from overheating, these holes must not be blocked, to reduce risk of electric shock or fire.*

Model: PLCMTR71

Weatherproof Rearview Backup Camera & Monitor Video System, Commercial Grade,

7" Monitor, Dual DC 12-24V for Bus, Truck, Trailer, Van

Commercial Grade Camera & Monitor Video System

Includes All Necessary Cables & Wiring

Reverse Image (Backup Camera) Ability

Used for Parking, Docking, Driving Safety

Monitor:

7" TFT/LCD Active Matrix Video Monitor

Aspect Ratio: 16:9 Widescreen Format

PAL/NTSC Video Format Compatible

4-Pin Video Connector

Resolution: 480 x 234

Universal Stand & Anti-Glare Sun Visor

Designed for Car/Truck use 12 & 24 Volt Systems

DC Reverse 12-24 Volt Trigger with Auto Activation feature

OSD Menu Control - Contrast, Brightness, Color

Monitor Dimensions (W x H x D): 6.77" x 4.52" x 0.87"

Camera:

Includes (1) Universally Mountable Camera

Weatherproof Rearview Camera System

Marine Grade Construction, IP68 Rating

Built-in Night Vision Illumination LEDs

Low Lux Light Performance

Min. Illumination: 0.2Lux

Image sensor: Color CMD

Effective Pixels: 580 x 540

Resolution: 420 Lines

Lens Angle: 170 Degree

Auto Image Adjustment

Video Output 1.0V pp-75 Ohm

Designed for Car/Truck use with 12 & 24 Volt Systems

Camera Dimensions (W x H x D): 3.18" x 2.95" x 2.17"

What's in the Box:

Camera, LCD Monitor

Universal Stand/Mount

4-Pin 50' Foot (15 Meter) Connection Cable

Power & Wiring Harness

Remote Control