

# PRO-VISION®

## Video Systems

### Five Camera Automatic Switcher (PX-1074): Operating / Set-up Instructions - 5.0" / 7.0" LCD Monitor

#### Overview

The Automatic Switch Box will allow the use of up to five cameras with one single monitor. The Rear Camera will still be connected to AV2 on the main monitor harness and all other cameras will connect to the switch box. The switch box is utilized by connecting it to the AV1 lead on the main monitor harness. Camera port CAM.1 on the switch box will be the primary view (ex. Side / Arm Camera). The Rear Camera will over ride the switch box when the green reverse switch lead from the main monitor harness receives 12 volt power. All additional cameras (CAM.2, CAM.3, CAM.4) will be activated when their individual leads receive 12 volt power.

#### System Set-up

1. Connect all leads from the main harness as labeled (12V ignition controlled power - red, ground - black, 12V reverse power switch - green).
2. Connect the black video lead labeled "monitor" from the switch box to AV1 on the main monitor harness.
3. Rear Camera: Connects to AV2 on the main monitor harness. This camera is triggered by the green reverse switch lead on the main monitor harness connected to a 12 volt power source that is activated when the vehicle is in reverse.
4. Camera 1 (ex. Side / Arm Camera): Connects to CAM.1 port on the switch box. This camera is the primary view and has no trigger lead.
5. Camera 2 (ex. Hopper Camera): Connects to CAM.2 port on the switch box. This camera is triggered by the orange lead from the switch box connected to a 12 volt turn signal or standard power signal.
6. Camera 3 (ex. Left Side Camera): Connects to CAM.3 port on the switch box. This camera is triggered by the white lead from the switch box connected to a 12 volt turn signal or standard power signal.
7. Camera 4 (ex. Right Side Camera): Connects to CAM.4 port on the switch box. This camera is triggered by the blue lead from the switch box connected to a 12 volt turn signal or standard power signal.

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### Monitor Settings

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1. Power On
2. View Selection – AV1

If the system set-up and monitor settings are correct, you should be viewing the camera connected to CAM.1 port on the switch box. When the vehicle is placed in reverse the view from the Rear Camera connected to AV2 on the main monitor harness should be on the monitor screen. When the trigger leads are activated for CAM.2, CAM.3, and CAM.4 each individual view should be on the monitor screen (**when all switches are in the off mode**). The top mounted switches will activate the camera view as labeled.

### System Set-up Diagram

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