

PRO-VISION

Video Systems

Four Camera Automatic Switcher (P-1030): Operating / Set-up Instructions - 5.5" / 7.0" CRT 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 port C1 on the monitor and all other cameras will connect to the switch box. The switch box is utilized by connecting it to port C2 at the rear of the monitor. 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 brown 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 (power - red, ground - black, reverse switch - brown).
2. Connect the black video lead labeled "monitor" from the switch box to C2 on the monitor.
3. Rear Camera: Connects to port C1 on the monitor. This camera is triggered by the brown 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 power source that is activated as the arm travels from the ground position up to the hopper and back down again.
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 power source such as the left turn signal. Power must be constant when the turn signal is on.
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 power source such as the right turn signal. Power must be constant when the turn signal is on.

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Monitor Settings

1. Power On
2. Camera Setting - C2 (On 7.0 Monitor C3 setting is not utilized)
3. Mode Setting - Manu

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 port C1 on the monitor 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. The top mounted buttons will momentarily activate the camera view as labeled.

System Set-up Diagram

