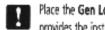
Setting Up Gen Lock with Your Control Keypad



You can adjust the Gen Lock settings to synchronize all video sources based on the sync pulses from one source, such as a remote camera. When you switch between cameras, you may detect a flicker on your monitor. Adjusting the Gen Lock settings enable you to remove the flicker for smooth transitions between cameras.



Place the Gen Lock Mode Setup card over the Keypad when adjusting Gen Lock. It provides the instructions below and highlights the buttons you will use.

Gen Lock Setup (with the overlay card)

The following procedure will enable you to adjust Gen Lock settings with the Gen Lock Setup overlay card.

- Press and hold down the buttons labeled Gen Lock and Mode. After 2-3 seconds, you will hear a beep.
- 2. Release the Gen Lock and Mode buttons. The Gen Lock Setup menu appears.
- To reset the menu items to the default values, press the button labeled Reset.
- 3. Press the up and down Menu Edit arrows to move the arrow on-screen and to
- select the item you want to change. 4. Press the left and right Menu Edit arrows to change the value for the following items:

Menu Item	<u>Values</u>
MODE	AUTO or INT (internal)
H-PHASE	-99 to +99
SC-PHASE	0 or 180
SCFINE	-99 to +-99

- To save your changes, press the button labeled Save.
- If the 1-CCD camera is set to Remote mode (Switch Bank B, dip switch 2, position UP), then the SC-PHASE setting will default to the SC-PHASE dip switch (Switch Bank A, dip switch 2, positions: DOWN = 0° and UP = 180°) setting on the camera each time the camera is restarted. If the 1-CCD camera is set to Local mode (Switch Bank B, dip switch 2, position DOWN), then the SC-PHASE setting will not be overwritten each time the camera is restarted.
- Press and hold Gen Lock and MODE to exit.

Setting Up Gen Lock with Your Control Keypad



The following procedure will enable you to adjust Gen Lock settings without the **Gen Lock Setup** overlay card.

- Press and hold down button numbers 0 and 8. After 2-3 seconds, you will hear a beep.
- Release the 0 and 8 buttons. The Gen Lock Setup menu appears.
- To reset the menu items to the default values, press button number 1.
- Press the up and down PAN/TILT arrows to move the arrow on-screen and to select the item you want to change.
- Press the left and right PAN/TILT arrows to change the value for the following items:

Menu Item	<u>Values</u>
MODE	AUTO or INT (internal)
H-PHASE	-99 to +99
SC-PHASE	0 or 180
SCFINE	-99 to +99

- To save your changes, press button number 2.
- If the 1-CCD camera is set to Remote mode (Switch Bank B, dip switch 2, position UP), then the SC-PHASE setting will default to the SC-PHASE dip switch (Switch Bank A, dip switch 2, positions: DOWN = 0° and UP = 180°) setting on the camera each time the camera is restarted. If the 1-CCD camera is set to Local mode (Switch Bank B, dip switch 2, position DOWN), then the SC-PHASE setting will not be overwritten each time the camera is restarted.
- Press and hold 8 and 0 to exit.

Α

Appendix A: Troubleshooting and Specifications



If you have any problems with your Camera Control Keypad, please refer to the following Troubleshooting section. If you have questions or problems after troubleshooting, please contact your authorized ParkerVision reseller, or contact ParkerVision Product Support directly at 904-737-1367.

Troubleshooting

Problem:

The Carnera Control Keypad will not control the CarneraMan carnera when used in the wireless RF mode.

Solution:

- Verify that the battery is installed in the keypad properly. (See page 3).
- Verify that the BASE UNIT ADDRESS switch on the back of the CameraMan camera, and the BASE UNIT ADDRESS switch in the battery compartment of the keypad are set to the same setting (see page 3).
- Verify that the RF command switch on the back of the CameraMan Camera is set to ENABLE. (see your 1-CCD CameraMan Installation and Operations Manual).
- Verify that the light on the front of the Camera Control Keypad illuminates for a few seconds when the battery is first plugged in.
- Be sure that you have pressed the CAMERA SELECT button on the Camera Control Keypad that corresponds to the camera you want to control. (see page 6) If only using one camera be sure to press CAMERA SELECT 1.

Problem:

The Camera Control Keypad will not communicate with the CameraMan Camera in the hard-wired mode.

Solution:

- Verify that the CameraMan Keypad Cable is connected from the PVI COM port on the back of the camera to the RJ-11 jack in the battery compartment of the Camera Control Keypad (see page 3).
- Verify that the BASE UNIT ADDRESS switch on the back of the CameraMan camera, and the BASE UNIT ADDRESS switch in the battery compartment of the keypad have the same setting (see page 3).
- Does the light on the front of the keypad come on for a few seconds when the keypad is first plugged in? If not, replace the cable with a ParkerVision—supplied cable only.
- Be sure that you have pressed the CAMERA SELECT button on the Camera Control Keypad that corresponds to the camera you want to control (see page 6). If only using one camera be sure to press CAMERA SELECT 1.

Specifications

Wireless Mode:

Hard-Wired Mode:

INTL: 17.78cm L x 5.59cm W x 2.16cm H

Return To Default



The **return to default** command resets the carneras maximum pan/tilt position and pan/tilt orientation to their factory settings, and dears **Location Presets 1**, **2**, and **3** (presets **4-99** will not be reset). Please use with caution.

Returning to the Factory Defaults:

- Press and hold the IMAGE (sun) button and button number 3 for approximately one second
- 2. Release the buttons.
- If off-center, the camera will return to the default home position.





Notes

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