

#### Switch

1. Press **◀▶** key and the screen will enter auto-switching mode. Each camera will be displayed in Full Screen. Dwell time is set at 3 seconds.
2. Only active channels will display. Unused channels will be skipped automatically.

#### System Set Up & Auto Detection

1. NTSC system set up: Press **⊕** + **⊗** then power on. Please hold both buttons for no less than 1 second to set up NTSC system internally.
2. PAL system set up: Press **⊕** + **⊙** then power on. Please hold both buttons for no less than 1 second to set up PAL system internally.
3. Auto detection: By simply connecting video input 1 before connecting the power supply.

#### Video Adjustment

1. Press and hold the **ENTER** key for about 3 seconds to enter adjustment mode.
2. Press **◀** **▶** to select items
3. Press **+** **-** to increase/decrease value (0-9)
4. Press **ESC** to skip this table



VTQ-C03

## COLOR QUAD PROCESSOR

### Operating Instructions

#### CAUTION

*This is an intelligent device. Please connect the video cable on channel one and then power on. The device will detect system automatically for NTSC or PAL (EIA or CCIR).*

## FEATURES

### Video Input

- Connect up to 4 cameras

### Video Output

- Quad and sequential video output

### Real Time & High Resolution

- Real time refresh rate (NTSC: 30 frame/sec; PAL: 25 frame/sec.)
- 720(H) x 480(V) (NTSC) high resolution
- 720(H) x 576 (V) (PAL)
- 16.7 million true colors

### Multi-function

- Independent full screen call-up
- Auto sequential switching
- Automatic system detection ( NTSC/PAL )
- Adjustable video gain

### Friendly Design

- Simple Operation

## SPECIFICATION

- Video input ports : 4 cameras
- Video output ports : 1 switch & 1 quad output
- Load impedance : 75  $\Omega$
- Power source : DC 12V  $\pm$  10%
- Power consumption : 6W maximum
- Operating environment : 0°C ~ 50°C ; 32F ~ 122 F
- Dimension : 240(W) X 45 (H) X 150 (D) mm  
9.44"(W) X 1.75"(H) X 5.9"(D)
- Weight : 1250g ; 2Lbs 12Oz

## BACK PANEL CONNECTION

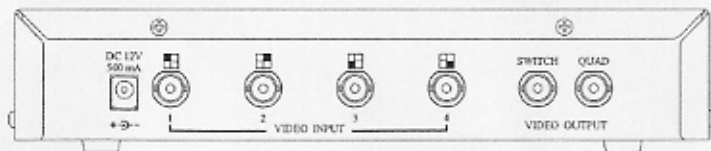


Figure 1 - Back panel connection

### Video Input

Connect 4 cameras to video input ports

### Video Output

- 1 Switch: Connect this output port to the video input of monitor or TV
- 2 Quad: Connect this output port to the video input of VCR

### Power Jack

Connect to DC12V, 500mA power supply

## OPERATION

### Power On

After finishing the back panel connection, plug in DC 12V power supply for power on. The QUAD light will illuminate.

### Front Panel Operation

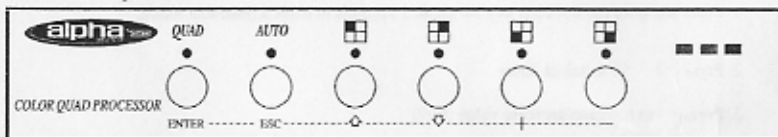




Figure 2 - Front panel keypads

### Full Screen

Press any FULL SCREEN key as , the Full Screen Led will illuminate, and the monitor screen will display the corresponding picture full screen.

### Quad

Press  key, the Quad LED will illuminate, and the quad pictures will be displayed as shown in Figure 3.

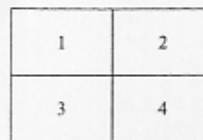


Figure 3 - Camera location on screen in quad mode