

Camera Connections

The camera coax leads should be connected to the BNC terminals on the rear of the unit. They are clearly labeled from left to right. Should you require Hi-Z inputs, carefully open the plastic case (7 screws in the base) and scratch out the thin tracks marked "jx" next to the BNC inputs on the PCB.

Specifications

SW802:

- 4 x 75R Camera inputs
- 1 x 75R monitor output 1volt Pk nominal
- Sequencing 1 sec to 60 sec variable
- LED display of selected Camera
- 9 volt DC power input

Alarms Version:

- Alarm activates when contacts open
- 60 second change over contacts output
- LED display of Alarm condition
- Sounder output on Alarm

Monitor Connections

The monitor connector is labeled on the reverse. This output is a 75R 1 volt Pk - Pk signal.

Power Supply

The unit is supplied with a plug-mounted transformer to suit 240 volt 50Hz. The 2.1mm power plug should be fitted in the connector on the rear of the unit.

Alarm Connections

- **INPUTS**
The Alarm inputs expect volts-free normally closed contacts to be connected. Alarms are activated when the contacts open. Alarms are displayed on a last come, first displayed basis. Please connect between Ground and Alarm input.
- **OUTPUTS**
The Alarm relay outputs are marked SET,

Manufactured in the UK by:

Building Block Video Ltd

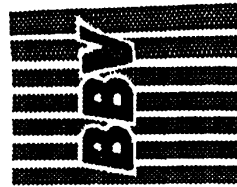
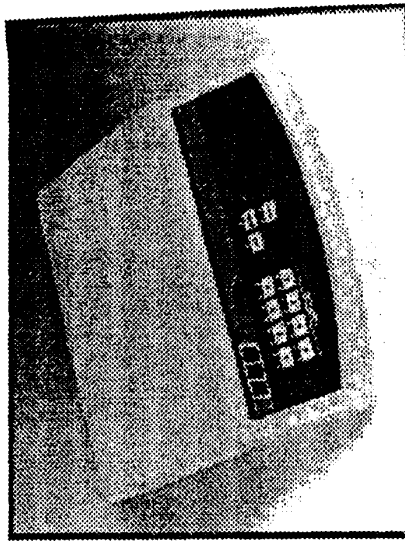
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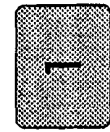
DOC 96001 Iss2

BBV Switcher Range



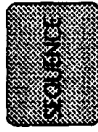
Applicable to
SW401
SW401A

Selecting a Camera



Press the camera button you wish to select. The LED above the switch will light and the camera picture appear on the monitor. Selecting a camera stops the sequence from running.

Starting a Sequence



Pressing the sequence key starts the sequence running. The LED above the key will be lit. The monitor picture will display the camera channel as shown by the LEDS above the camera keys. Missing cameras will be skipped in approximately 1 second.

Altering the Sequence Delay



Press and hold down the DELAY key. The camera LEDS will show the approximate delay, each LED represents 15 seconds. The maximum sequence delay is 60 seconds, the minimum 1 second. While holding the DELAY key down press 1 to reduce the delay or 2 to increase the delay. The delay is not stored in the event of power loss. The default delay on power up is 15 seconds.

Excluding a Camera from the Sequence

When the SEQUENCE key is held down, the camera LEDS display the camera channels included in the sequence. While this key is held down, the camera keys may be used to include and exclude cameras from the sequence. It is not possible to exclude all the cameras from the sequence.

Alarms

The alarm unit may be recognised by the presence of a green connector on the rear of the unit.

When an alarm occurs, a set of relay contacts close for 60 seconds. The relevant LED flashes and the sounder beeps for 5 seconds while the monitor displays the picture associated with the alarm. This picture remains displayed until another camera is manually selected. If a sequence is running, the alarm picture is displayed for 60 seconds before the sequence continues to run.

Alarms are displayed as they occur, one overlaying another.

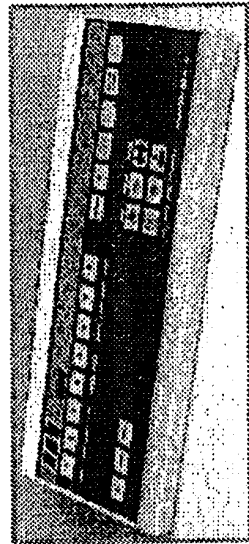
To Disable an Alarm

While holding down the SEQUENCE key, press and hold down the DELAY key. The sounder will beep rhythmically. You may now toggle the CAMERA keys to activate and deactivate alarms. Active alarms are displayed while in this mode by the lit LED over the relevant camera key. Release the keys to return to normal operation.

BBV's range of Switchers is shown on the right.

BBV also manufactures a high quality range of Telemetry controllers for CCTV. For details contact your supplier or BBV direct on:

+ 44 (0)1323 842727
+ 44 (0)1323 842728



The BBV Tx500 Telemetry Controller

SWITCHER SW 401

- 4 Camera Inputs
- 1 Monitor Output
- Sequence
- Variable Dwell
- Low Voltage Supply

SWITCHER SW 401 ALARM

- 4 Camera Inputs
- 1 Monitor Output
- Sequence
- Variable Dwell
- Low Voltage Supply
- 4 Alarm Inputs
- 60-second Alarm Contacts
- Individual Enable/Disable
- Visual and Audible Output

SWITCHER SW 802

- 8 Camera Inputs
- 2 Monitor Outputs
- Sequence on Main Monitor
- Variable Dwell
- Low Voltage Supply

SWITCHER SW 802 ALARM

- 8 Camera Inputs
- 2 Monitor Outputs
- Sequence on Main Monitor
- Variable Dwell
- Low Voltage Supply
- 8 Alarm Inputs
- 60-Second Alarm Contacts
- Individual Enable/Disable
- Visual and Audible Output
- Alarms on Main Monitor

Alarm Output

The Alarm Relay output may be used to switch a VCR into Alarm-speed recording by connecting the SET, COM and RST terminals to the VCR. This will initiate 60 seconds of Alarm-speed recording each time an alarm is triggered.

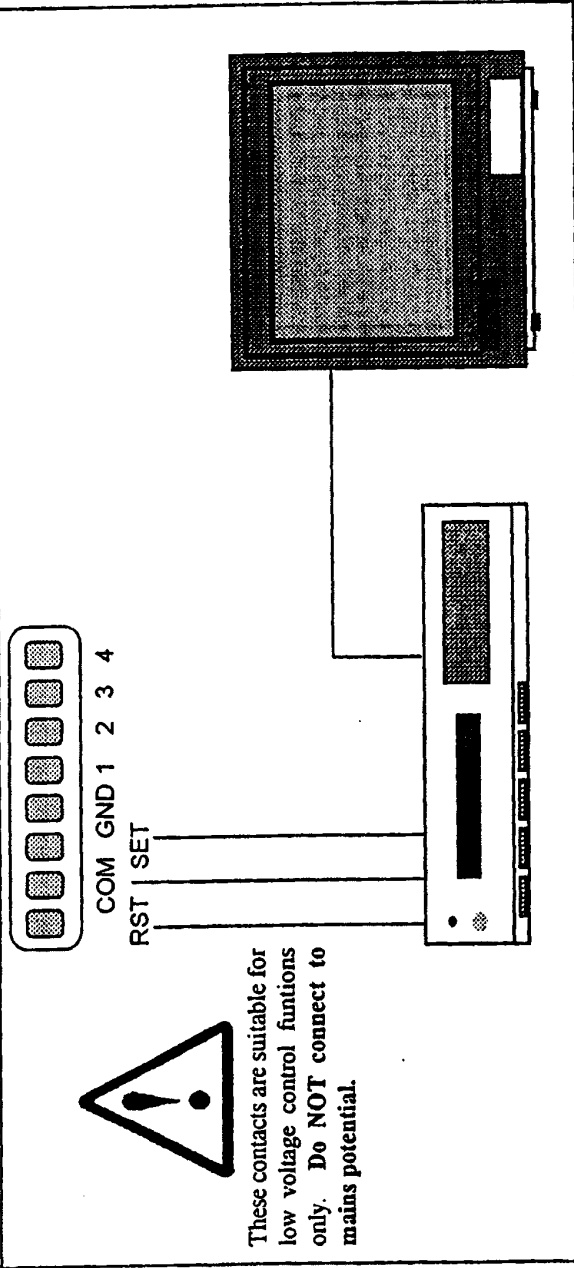
If the switcher is in sequence mode, the alarmed camera will display for 60 seconds before the sequence continues. If the switcher is in normal mode, the alarmed camera will display until another alarm occurs or the camera channel is manually altered.

These contacts are **NOT** suitable for switching mains voltages.

Alarm Inputs

The Alarm Inputs are designed to operate with volt-free normally closed contacts and to alarm when contacts open. The switches should be cabled between GROUND and the relevant input.

One GROUND connection is provided. Each camera channel has its own Alarm Input.



These contacts are suitable for low voltage control functions only. Do NOT connect to mains potential.

Alarm Contacts

