







**MULTIFUNCTION VIDEO CONTROLLER** is an advanced infra red remote controlled Audio & Video Switcher for CCTV applications. Switchers are available from 4 camera inputs to 64 camera inputs. ONE WAY and TWO WAY AUDIO switching along with Video switching is available as an option. TWO WAY AUDIO switchers have built in power supply for the cameras.

Several features like Remote Control, programmable Dwell time from 5 to 99 seconds for individual cameras, **SKIP** and **FREEZE** options are made available through usage of advanced Micro-Controller technology. All the programmed features are automatically remembered by the Switcher and one is not required to program the features again after Power Down.


When any of the functions like Camera Up/Down and Time set is selected the switcher goes into programming mode. The normal operation is resumed automatically after a lapse of 5 seconds.


**Switcher Control Operations :**

All the switcher functions are available on the REMOTE HANDSET and SWITCHER FRONT panel.

-  Switches **ON** or **OFF** the Video Switcher.
-  Selects Cameras manually for viewing or programming features like **SKIP**, **FREEZE** and **DWELL TIME SETTING**.
-   Programs the **DWELL TIME** from **5** to **99** seconds in steps of **5** seconds. Select the particular Camera to be programmed using the Camera function and set the time as required. Programming the time as **00** will set the Camera to skip. Use **TIME UP** and **DOWN** keys to set the desired time.
-   Pressing this key will set the selected Camera to be skipped. The dwell time for this particular Camera will automatically be set to 00.

Programming all the Camera to **SKIP** will bring the Camera no. 1 to **FREEZE** mode automatically.

 Use this function to home on to the selected Camera for longer viewing. The time Displays on the front panel of the switcher will display **Fr** to indicate that the channel has been frozen. Pressing **FREEZE** or any other key again will cancel this function.

 TWO WAY AUDIO switchers have an additional function of **TALK**. Pressing the **TALK** key will enable the **MIC** on the switcher front panel. One can use this function to converse with the persons around the selected camera. The **TALK** function works in the half duplex mode i.e. the speaker built-in to the switcher will be cut off when the **TALK** mode is selected. During the **TALK** mode the Timer displays will display '**Fr**' and the camera will remain frozen for the duration the **TALK** function is '**ON**'. Press **TALK** again to cancel this function.

**Compact Model Operations :**

The compact model switchers (4 Channel switchers) have only one two digit display on the front panel. During the normal operation of the switcher the current channel no. gets displayed. The time progress is indicated by blinking '**DOT**' on the display.

The dwell time setting gets displayed only while the **TIME UP** or **DOWN** Keys are pressed. One can change the time by using the **TIME UP** or **DOWN** Keys. Once the time is set the current camera no. is displayed back again after a gap of five seconds. Once the normal operation of the switcher starts blinking dot indicates the timer operation.

If the camera is skipped or the time is programmed to **00** then the dot is not displayed when that particular camera is selected manually.

Freeze is indicated with both the **DOTS** on the display being on.

*When all the channels are skipped then the switcher will automatically freeze on **Camera One** and both the dots will be switched on to indicate Camera freeze.*

*If only one Camera time is programmed and rest are skipped then the switcher will keep on displaying the same Camera at all time.*

**MODELS AVAILABLE :-**

**VIDEO ONLY**

VSR 004 ..... 064  
(4 Inputs – 64 Inputs)

**ONE WAY AUDIO / VIDEO**

VSRA 104 ..... 164  
(4 Inputs – 64 Inputs)

**TWO WAY AUDIO / VIDEO**

VSRA 204 ..... 264  
(4 Inputs – 64 Inputs)

**MATRIX SWITCHERS**

VSRA 208M x 2 ..... 264M x 4  
VSR 008M x 2 ..... 064M x 4

(Two way Audio & Video and Video only Matrix Switchers with 2,3 or 4 independent controls)

**TWO WAY PA SWITCHERS**

VSRA 216PA ..... 264PA  
(16 Inputs – 64 Inputs,  
Two way Audio Video Switchers with Public Address option)

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