

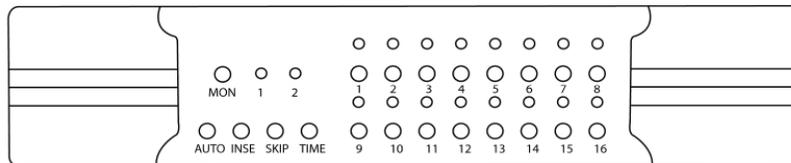
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# Concept Pro VA-MAT162

## 16 input / 2 output matrix

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# User Manual



### Key features

- 16 inputs and 2 outputs
- Can be controlled directly from the front panel or remotely by RS485 using a VA-KBDPRO+ keyboard
- Auto sequence mode or selection of individual channels
- Any channel can be excluded from a sequence
- Sequence and channel selections are remembered for each monitor output

### Getting started

- Connect up to 16 coax video inputs to the V.IN connectors on the rear of the matrix.
- Connect one or two composite monitors to the V.OUT connectors on the rear of the matrix
- If using a VA-KBDPRO+ keyboard to control the matrix, connect RS485 + / - on the rear of the matrix to RS485 + / - on the VA-KBDPRO+ junction box. Ensure that the matrix baud rate on the VA-KBDPRO+ is set to 9600 – see page 3 of the VA-KBDPRO+ user manual for further information
- Connect 12V DC power

### Front panel operation

#### Switching channels

- If more than one monitor is connected, press the **MON** button to switch between monitor 1 or 2
- To choose a channel to display on the currently selected monitor, press the appropriate button **1 – 16**

#### Sequencing

- To start a sequence on the currently selected monitor, press the **AUTO** button. To stop the sequence, press one of the channel selection buttons
- To exclude a channel from a sequence, press the appropriate button **1-16** followed by the **SKIP** button. Repeat this step to exclude other channels as necessary
- To add a channel back in to a sequence, press the appropriate button **1-16** followed by the **INSE** button. Repeat this step to add other channels as necessary
- The sequence dwell time can be set between 1 to 16 seconds. To change the dwell time, press the appropriate button **1-16** followed by the **TIME** button. The sequence automatically starts with the new dwell time applied

### VA-KBDPRO+ operation

#### Switching channels

In CAM mode, as monitors and / or camera IDs are selected, the corresponding input is sent to the selected monitor output on the VA-MAT162

When multiple monitors are connected, individual cameras can be displayed on different monitors.

To select the required monitor, press

**MON – XXX – ENTER**

And then select the required camera to be displayed on that monitor by pressing

**CAM/DVR – XXX – ENTER**

To manually switch to the next input, press the **NEXT** key

To manually switch to the previous input, press the **PREV** key

Operation in DVR or DVR/AI mode is virtually identical but note that the matrix input selected is determined during DVR / Set Associate programming on the keyboard (refer to page 3 of the VA-KBDPRO+ user manual for further information)

#### Sequencing

To start / stop a sequence in CAM mode, press the **RUN** key

To start / stop a sequence in DVR or DVR/AI mode, first switch the VA-KBDPRO+ in to CAM mode by pressing the **CAM** button, and then press the **RUN** key

To include / exclude channels from a sequence or adjust the sequence dwell time, follow the appropriate steps for front panel operation above