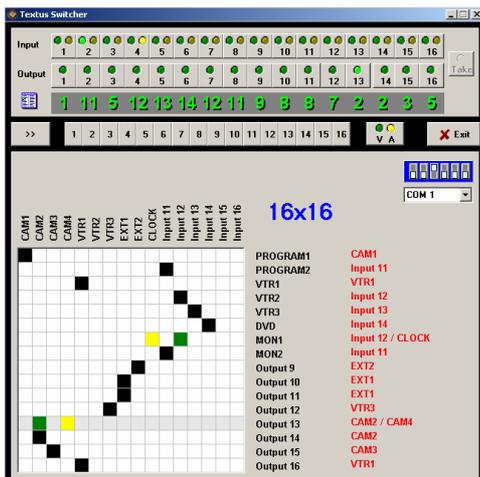


ANALOG VIDEO 16x16 MATRIX SWITCHER VM613

Video matrix VM613 switches 16 inputs signals to any 16 outputs with clean switch in vertical blanking interval. It is possible to use two switching modes – either simply pressing any source or using *TAKE* button. Switcher allows to connect remote control panels (19", 1U) and computer, which controls every output line. Remote control software for Windows is included. Multiplying matrix switcher by layers is also available. For switching video and audio signals at the same time (*AUDIO FOLLOW VIDEO*), layers of audio and video matrix switchers can be used. In that case both switchers are controlled by any button, related to any source. Video and audio sources can be separated. Statuses of the buttons are memorised (turning power off/on does not influence the state of the matrix). Front panel buttons are illuminated by back green light. Unique function – after turning power off input *IN1* is automatically switched to output *OUT1*. This feature passes-through input signal to output without power supply. 75 Ω load on each input can be switched off to be loaded on another input. It provides passing-through of the signal. Switching in different modes is supported: 16x16 PAL, 8x8 S-VHS or 4x4 - RGBS signals. Special customer marks for each key can be inserted under the cap.



Matrix switcher can be also configured as 16 inputs to 2 outputs (16x2) unit with 8 BNC connectors for each output.



Technical specifications:

Inputs:	16 1Vpp on BNC connectors Black Burst for reference with 75Ω load on/off
Outputs:	16 1Vpp on BNC connectors
Video bandwidth:	60 MHz (-3dB)
Coupling:	DC
Diff. phase:	0,2°
Diff. gain:	0,1%
Crosstalk:	-83dB
Switching:	in vertical blanking interval (with reference signal)
Control from:	front panel, remote control panel, computer
Power:	~ 220V, 6VA
Dimensions:	483x44x150mm (19", 1U)
Weight:	1,8kg

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