

# Multiplexer

Colour Multiplexer, Triplex, 9 Inputs,  
Resolution 720x480, Alarm Inputs, 12VDC

EDP-No.: 72381

## VCMT-8009

- For Simultaneous Recording/Playback/Live Pictures
- 9 Video Inputs / 5 Outputs
- PAL/NTSC Operation
- Multilingual On-Screen Programming
- VCR Record Speed Auto-Detection
- Programmable Motion Sensitivity (256 targets)
- Selectable Resolutions
- Automatic Multiscreen Displays
- Multiscreen Display for Playback Mode
- Linear Zoom In and Out up to 32-times
- Complete Alarm Capability
- Mouse Control



## Specifications:

<b>Triplex operation</b>	Simultaneous recording, playback and live viewing
<b>Video inputs</b>	9x 1Vp-p, CVBS, 75 ohms, BNC (loop-through with automatic 75 ohms termination); 1Vp-p, CVBS, 75 ohms, BNC (VCR playback)
<b>Video output</b>	1Vp-p, CVBS, 75 ohms, BNC (Main monitor); 4x 1Vp-p, CVBS, 75 ohms, BNC (Spot monitor); 1Vp-p, CVBS, 75 ohms, BNC (VCR record)
<b>Storage format</b>	CCIR 601, YUV 4:2:2
<b>Resolution</b>	720 (H) x 480 (V) pixels, sampling 648 (H) x 448 (V) pixels, full (10:9 down-scaling) 324 (H) x 224 (V) pixels, 1/4 size 216 (H) x 149 (V) pixels, 1/9 size 162 (H) x 112 (V) pixels, 1/16 size 432 (H) x 298 (V) pixels, 4/9 size 486 (H) x 336 (V) pixels, 9/16 size 720 (H) x 480 (V) pixels, full (VCR o
<b>Refresh-Rate</b>	50 Fields/sec. for all modes, except for the minor priority mode (25 Fields/dec.)
<b>Grey scales</b>	256 (8 bit luma signal)
<b>Colour scales</b>	16 Mio. (8 bit chroma signal)
<b>Alarm input</b>	Via external alarm board

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<b>Alarm outputs</b>	1 per camera (TTL/CMOS); 2x N/C or N/O contacts (1A / 24VDC)
<b>Alarm processing</b>	Associated alarm set up for up to 4 cameras, alarm dwell time: 1-99 sec., Alarm hold time: 0-99 sec., Alarm buzzer ON/OFF, Alarm history logging for up to 256 events, Link to macros and motion detection
<b>VCR system</b>	Sequential recording of full-sized pictures
<b>VCR record speed auto-detection</b>	Controlled by head switch pulse
<b>Activity detection</b>	Providing greater recording time to those cameras where activity is detected. Motion sensing is programmable for each camera input by 16x16 sections and 16 sensitivity levels
<b>Main output display formats (Live and playback)</b>	Full (digital, Linear Zoom (1x to 32x) with electronic Pan & Tilt. Up to 4x PIP, quad, 9x, 1+7, 1+5, 3+4, configuration Horizontal or vertical "squish" (1/2 or 1/3)
<b>Display options</b>	Triplex (Live and playback at the same time), Full sequence, Cameo sequence (Split or PIP mode), Page sequence (Squish, 4-way, 9-way), Freeze all or 1 camera, Camera assign, Priority assign, Motion tracking box, Digital contrast enhancer
<b>On-screen display (Main)</b>	Time/date/camera no. and title (24-characters). Alarm, motion, video loss, zoom mode, freeze mode and sequence mode messages. Set up menu
<b>On-screen display (Spot)</b>	Time/date/camera no. and title (24-characters). Alarm, motion, video loss and sequence mode messages
<b>Serial interfaces</b>	RS-232, 2x RS-485, P/S2 Mouse port
<b>Menu languages</b>	English, German, French, Italian, Spanish
<b>Supply voltage</b>	12 VDC*)
<b>Power consumption</b>	Approx. 30 watts
<b>Temperature range</b>	0°C to +35°C
<b>Housing</b>	Steel metal (19" rack ears provided for conversion)
<b>Colour</b>	Light grey
<b>Dimensions (HxWxD)</b>	44x432x310 mm
<b>Weight</b>	2.4 kg

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**Additional descriptions**

\*) Power supply unit 115/230VAC / 12VDC included