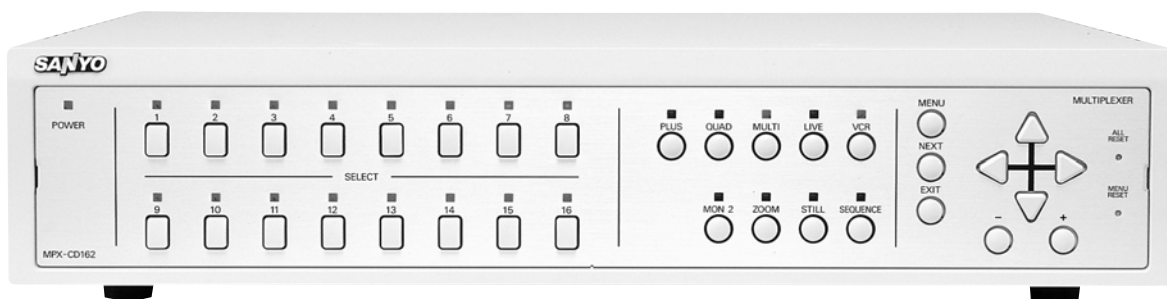




Advanced-Generation 16-Channel Duplex Multiplexers

MPX-CD162 (Color)
MPX-MD162 (B&W)



- Programmable 16 and 9 camera displays
- Multifunction, Multicriteria Motion Detection with Day/Night Modes
- Programmable Activity Detection
- Multimanufacturer Tape Decoding
- Timer Duration Settings for: Recording Cameras, Alarm Duration, Camera Masking, Motion Detection
- Dual Input Alarm Sensoring: Motion Detection and Hard Contact; Motion Detection or Hard Contact
- Three View Systems™ with Live Cameras and Time-Lapse Playback on the Same Screen
- Programmable Camera Masking
- Sequential Quad Switching
- Real-Time and Standard Time-Lapse Speed Settings
- User Programmable Three-Mode Activity-Detection Setting
- Programmable Zoom and Still Modes/live and Playback Modes
- Master and Individual Alarm Outputs
- Three-Way Remote Communications: RS-485 (SSP™), RS-232, Resistive Ladder Network
- Three-Year Warranty



MPX-CD162 (Color) & MPX-MD162 (B&W)

Advanced-Generation 16-Channel Duplex Multiplexers

Main Features

- Programmable Camera-Display Programming: Allows User to Create Custom Display by Selecting Camera Positioning within the Screen
- Multifunction, Multicriteria Motion Detection: 160 Sensing Points with Dual A and B, A or B Zone Settings for Detecting Size; Includes Individual Light-Level Camera Settings for Day and Night Detection
- Programmable Activity Detection: Three-Mode Settings for Frame Switcher Output:

Mode 1 for Sequential Recording:

1	2	3	4	5	6	7	8	9	10	11	12
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Mode 2 for Continuous Recording: (Period of Alarm or Activity Detection)

1	2	3	4	2	2	2	2	2	5	6	7
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Mode 3 for Interweaving Recording: (Period of Alarm or Activity Detection)

1	2	3	4	2	5	2	6	2	7	2	8
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- Multimanufacturer Tape Decoding: Decodes Tapes Made On Other Multiplexers

• Timer Duration Settings for:

Recording Cameras—For Allocating Recording Times for Individual Cameras

Alarm Duration—Each Camera Can Be Individually Programmed for Its Alarm Duration

Camera Masking—Individual Cameras Can Be Masked Out According to Their Duration

Motion Detector—Individual Settings for Motion Detection

- Dual Input Alarm Sensing: Motion Detection and Hard Contact; Motion Detection or Hard Contact

- Three View Systems with Live Cameras and Time-Lapse Playback on the Same Screen: Eliminates the Need for Separate Monitors

- Sequential Quad Switching: Offers the Ability to See All 16 Channels in Four Individual Quad Displays

- Real-Time and Standard Time-Lapse Speed Settings: For compatibility with All Types of Time-Lapse Recorders

- Programmable Zoom and Still Modes: Allows User to Select the Section of Live-Playback Picture to Zoom in on

- SSP™ Compatible for Addressing up to 128 Units

Specifications

	MPX-CD162	MPX-MD162
General:		
Cameras	16	16
Alarm Inputs	16	16
Pixel Resolution	720 x 464	720 x 464
Gray Scale	256 Steps	256 Steps
Color	16 Million	
Video:		
Format	NTSC	NTSC
Input	1.0Vp-p at 75 Ohms, Unbalanced	1.0Vp-p at 75 Ohms, Unbalanced
Output	1.0Vp-p at 75 Ohms, Unbalanced	1.0Vp-p at 75 Ohms, Unbalanced
Time/Date Generator		
Functions	M/D/Y/H/M/S	M/D/Y/H/M/S
Format	24 Hours	24 Hours
Battery Backup	30 Days	30 Days
Alarm Commands		
Input 16x:	Ground Contact Closure	Ground Contact Closure
Output 16x + 1 Master:	+5V at 5.7kOhms	+5Vat 5.7kOhms
Connectors		
Camera Video Input:	BNC x 16	BNC x 16
Video Output:	BNC x 16 (Loop Thru)	BNC x 16 (Loop Thru)
VCR Video Input:	BNC x 1	BNC x 1
S-VHS:	S-VHS 4 Pin x 1	
Video Output:	BNC x 1	BNC x 1
S-VHS Output:	S-VHS 4 Pin x 1	
Monitor Video Output:	BNC x 2	BNC x 2
S-VHS:	S-VHS Terminal x 1	
Alarm Input 16x:	Pushbutton Terminal	Pushbutton Terminal
Alarm Output 16x:	Pushbutton Terminal	Pushbutton Terminal
Master Alarm Output1x:	Pushbutton Terminal	Pushbutton Terminal
VCR Switcher Input	Pushbutton Terminal	Pushbutton Terminal
Resistive Control	Pushbutton Terminal	Pushbutton Terminal
RS-232	Connector DB-9	Connector DB-9
RS-485 Input/Output	RJ-11 x 2	RJ-11 x 2
Character Generator	10 Characters	10 Characters
Displays	Full, Quad, 9, 16	Full, Quad, 9, 16
	7-Plus, 14-Plus	7-Plus, 14-Plus
Motion Detection		
Sensor	16 x 10	16 x 10
Detection Mode	A, A and B, A and NB	A and B, A and NB
Sensitivity	10 Steps and Off	10 Steps and Off
Video Loss	Still/Color Bar	Still and Bar
Alarm Functions		
Buzzer	On/Off	On/Off
Duration	1,2,3,4,5, 10 to 180 Seconds CC, NC	1,2,3,4,5, 10 to 180 Seconds CC, NC
Per Camera	Individual	Individual
Monitor 1 Output	Full, Nine display, 16 Display, NC	Full, Nine display, 16 Display, NC
Zoom, Still	On/Off	On/Off
Double Alarm	Switch/First/Last	Switch/First/Last
Monitor 2	On/Off	On/Off
Programmable Functions		
Day/Night	Record, Alarm Duration	Record, Alarm Duration
	Monitor Masking	Monitor Masking
	Sequence Time	Sequence Time
	Motion Detection	Motion Detection
	Activity Detection	Activity Detection
Monitor Setup		
Monitor 1,2 Sequence	1-30 Seconds, Individual Camera	1-30 Seconds, Individual Camera
Quad Sequence	1-30 Seconds	1-30 Seconds
Sequence	1-16 Cameras	1-16 Cameras
Masking	Per Camera Live and PB	Per Camera Live and PB
Power Source	AC 120V, 60Hz	AC 120V, 60Hz
Power Consumption	19 Watts	19 Watts
Operating Conditions	41°F to 104°F (5°C to 40°C) at 10%to 80% Relative Humidity	41°F to 104°F (5°C to 40°C) at 10%to 80% Relative Humidity
Dimensions (Wx Dx H)	16.5" x 12.8" x 3.4" (420mm x 325mm x 86mm)	16.5" x 12.8" x 3.4" (420mm x 325mm x 86mm)
Weight	7.5 Lbs. (3.4kg)	7.5 Lbs. (3.4kg)

Specifications and product design are subject to change without notice.



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