

WJ-FS109



WJ-FS116

THE COST EFFECTIVE NEW DIGITAL VIDEO SIMPLEX MULTIPLEXERS WITH 9/16 CHANNEL MULTIPLEX RECORDING AND MULTISCREEN AT PLAYBACK MODE

Panasonic's newest Digital Simplex B/W Video Multiplexers, models WJ-FS109 and WJ-FS116 are to be used in surveillance security systems associated with cameras, alarm sensors, a time lapse VTR and a video monitor. Digital image processing offers a high picture quality and such various monitoring methods as spot and sequence for live pictures, and multiscreen, still and zoom for playback pictures.

Setup menus for alarm, monitoring, recording and playback are available to match system preferences to your requirements.

Key Features

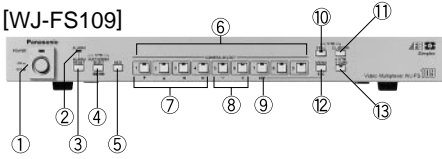
- High picture quality of 720 × 544 pixels
- Multiplexed video signals with camera IDs are supplied to the recording output
- Versatile recording mode initiated by alarm trigger
- Playback image can be displayed in the multiscreen or full screen via monitor output
- Playback image is displayed automatically without need to operate VTR/CAM button
- The full screen image can be zoomed in 2 times for playback
- Preset sequence up to 9(16) steps with dwell times
- Built-in alphanumeric title display
- Video loss detector
- On screen setup menu
- 1H (height) compact design

Product line-up

- WJ-FS109 : 9-channel camera input
- WJ-FS116 : 16-channel camera input

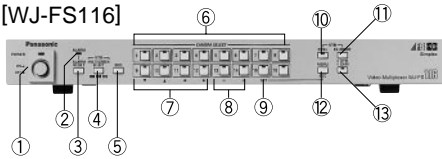
MAJOR OPERATING CONTROLS

[WJ-FS109]



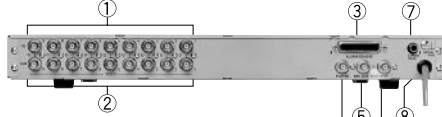
- ① Power Switch
- ② Alarm Indicator
- ③ Alarm Reset Button
- ④ Multiscreen Selection Button
- ⑤ Sequence Button
- ⑥ Camera Selection Buttons
- ⑦ Cursor Buttons
- ⑧ Increment/Decrement Buttons
- ⑨ Set Button
- ⑩ Still Button
- ⑪ Electric Zoom Button
- ⑫ MENU/ESC Button
- ⑬ VTR/Camera Selection Button

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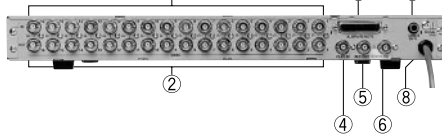


- ① Video Input Connectors
- ② Video Output Connectors
- ③ Alarm/Remote Control Connector
- ④ Playback Input Connector
- ⑤ Record Output Connector
- ⑥ Monitor Output Connector
- ⑦ Camera Switching Input Connector
- ⑧ Power Cord

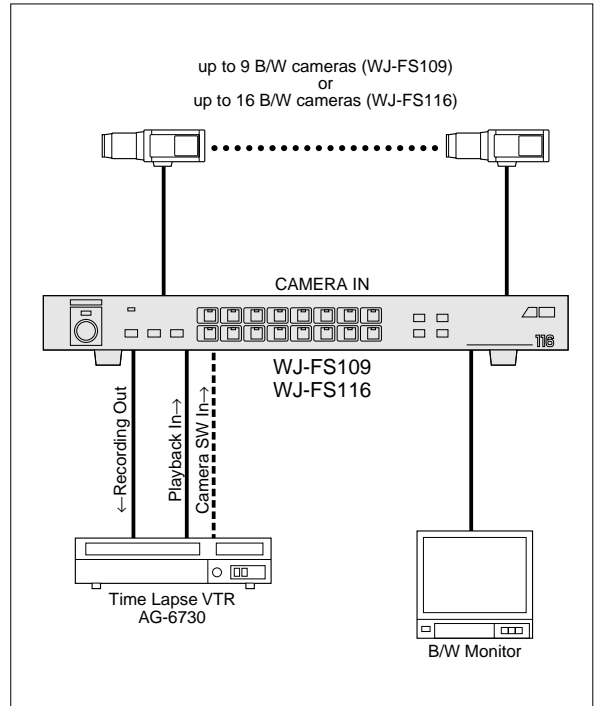
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SYSTEM CONFIGURATION



RECORDING MODE OF PANASONIC TIME LAPSE VTR & SWITCHING INTERVALS

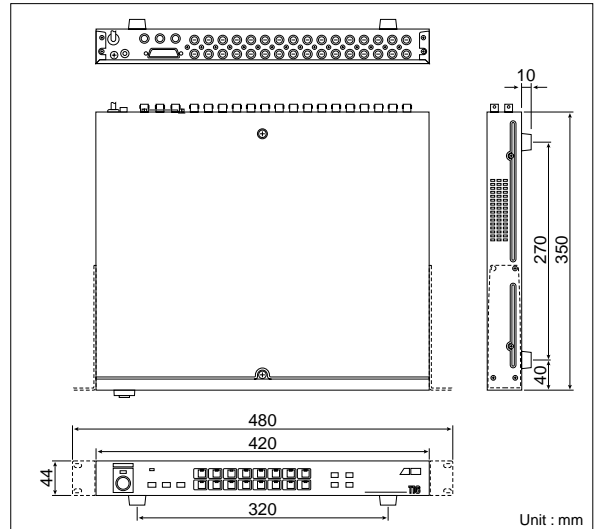
Recording Mode	3H	12H	24H TL	24H Linear	48H	72H	84H	120H	180H	240H	480H	Multiplexers
Recording Interval (Sec)	0.08	0.10	0.18	0.18	0.34	0.50	0.58	0.82	1.22	1.62	3.22	WJ-FS109/FS116
Recording Interval from ch 1 to ch 1 (Sec)	4 cameras	0.32	0.40	0.72	1.36	2.00	2.32	3.28	4.88	6.48	12.88	WJ-FS109/FS116
	9 cameras	0.72	0.90	1.62	3.06	4.50	5.22	7.38	10.98	14.58	28.98	WJ-FS109/FS116
	12 cameras	0.96	1.20	2.16	2.16	4.08	6.00	6.96	9.84	14.64	38.64	WJ-FS116
	16 cameras	1.28	1.60	2.88	2.88	5.44	8.00	9.28	13.12	19.52	51.52	WJ-FS116

*Above figures are using Panasonic time lapse VTR

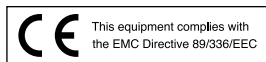
SPECIFICATIONS CCIR

Model No.	WJ-FS109	WJ-FS116
Camera Input	9 cameras	16 cameras
Power Source	220-240 V AC 50 Hz	
Power Consumption	12W	
Camera Input signal	1.0V [p-p] /75Ω 2:1 interlaced composite video signal	
Playback Input signal	1.0V [p-p] /75Ω composite video signal	
Camera Switching Input	1 RCA pin jack	
Sampling Frequency	4 fsc 17 MHz	
Quantizing	8bit	
Pixels	720 x 544	
Maximum Refreshing Rate	4 fields/second	
Camera Output (1-16) / (1-9)	1.0V [p-p] /75Ω automatic termination looped through	
Recording Output	1.0V [p-p] composite video signal, multiplexed with camera ID	
Monitor Output	1.0V [p-p] /75Ω composite video signal	
Buzzer	1 built in	
Alarm/Remote Control	25-pin D-sub connector	
Ambient Operating Temperature	-10°C~ +50°C	
Ambient Operating Humidity	Less than 90%	
Dimensions	420 (W) x 44 (H) x 350 (D) mm	
Weight	4kg	

APPEARANCE



- Specifications are subject to change without notice.
- Weight and dimensions are approximate.



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