

Panasonic®



Digital Duplex B/W Multiplexers

WJ-FS309 (9ch)

WJ-FS316 (16ch)



WJ-FS309



WJ-FS316

ANNOUNCING A NEW LINE-UP OF DIGITAL DUPLEX B/W MULTIPLEXERS FROM PANASONIC

Panasonic's newest Digital Duplex B/W Multiplexers, models WJ-FS309 and WJ-FS316, incorporate high performance, multifunction operation that allows for outstanding system flexibility.

Digital image processing provides a high picture quality of 720 × 480 pixels, along with multiple functions such as multiscreen monitoring, multiplex recording alarm capability, video loss detector, title display, still, and electronic zoom.

Build a top-notch surveillance system using a Panasonic Digital Multiplexer as your key component.

Key Features

- Digital duplex system.
- High picture quality of 720 × 480 pixels.
- Multiplexed video signals are supplied to the recording out.
- Playback image can be displayed in the multi or full screen via monitor output.
- The full screen image can be zoomed in two (2) times for playback.
- Sequence mode up to 9 (WJ-FS309) , or 16 (WJ-FS316) steps with dwell times.
- Versatile alarm capability.
- Built-in alphanumeric title display.
- On-screen setup menu.
- 1H(height) compact design.

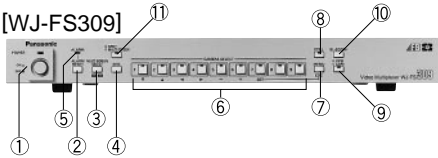
Product line-up

WJ-FS309 : 9-channel camera input

WJ-FS316 : 16-channel camera input

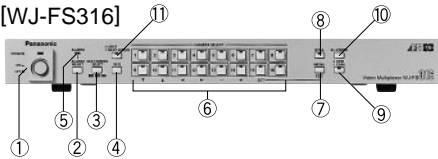
MAJOR OPERATING CONTROLS

[WJ-FS309]

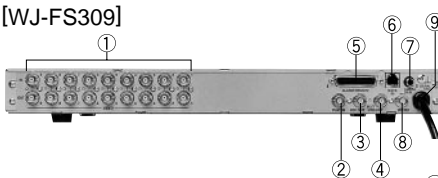


- ① Power Switch
- ② Alarm Reset Button
- ③ Multi Screen Select Button
- ④ Sequence Button
- ⑤ Alarm Indicator
- ⑥ Camera Selection Button
- ⑦ Menu Button/ESC Button
- ⑧ Still Button
- ⑨ VCR/CAMERA Selection Button
- ⑩ Electric Zoom Button
- ⑪ Spot/Multiscreen Select Button

[WJ-FS316]

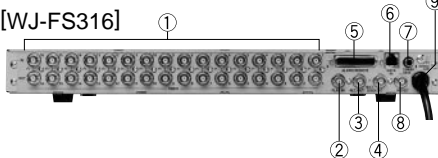


[WJ-FS309]

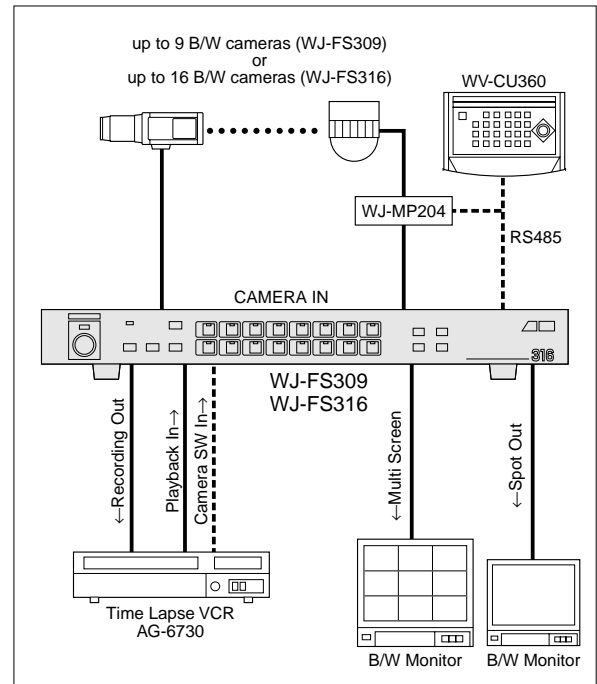


- ① Video In/Out Connector 1~16
- ② Playback Input Connector
- ③ Record Output Connector
- ④ Multi Screen Output Connector
- ⑤ Alarm/Remote Control Connector
- ⑥ Data Connector (RS-485)
- ⑦ Camera Switching Input Connector
- ⑧ Spot OutPut Connector
- ⑨ Power Cord

[WJ-FS316]



SYSTEM CONFIGURATION



RECORDING MODE OF PANASONIC TIME LAPSE VCR & SWITCHING INTERVALS

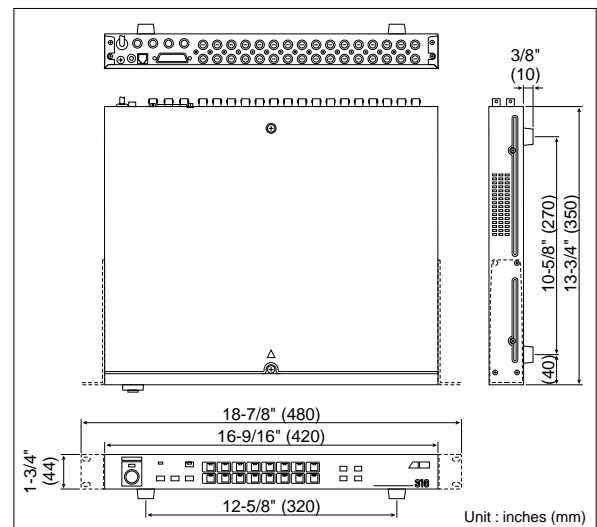
Recording Mode	2H	6H	12H	18H	24H	48H	72H	96H	120H	180H	240H	480H	Multiplexers
Recording Interval (Sec)	0.08	0.13	0.16	0.23	0.43	0.63	0.83	1.03	1.53	2.03	4.03		WJ-FS309/FS316
Recording Interval from ch 1 to ch 1 (Sec)	4 cameras	0.31	0.51	0.64	0.91	1.71	2.51	3.31	4.11	6.11	8.11	16.11	WJ-FS309/FS316
	9 cameras	0.81	1.26	1.56	2.16	3.96	5.76	7.56	9.36	13.86	18.36	36.36	WJ-FS309/FS316
	12 cameras	0.93	1.53	1.93	2.73	5.13	7.53	9.93	12.33	18.33	24.33	48.33	WJ-FS316
	16 cameras	1.07	1.87	2.40	3.47	6.67	9.87	13.07	16.27	24.27	32.27	64.27	WJ-FS316

*Above figures are using Panasonic Time Lapse VCR

SPECIFICATIONS

Model No.	WJ-FS309	WJ-FS316
Camera Input No.	9 cameras	16 cameras
Power Source	120 V AC 60Hz	
Power Consumption	14W	
Camera Input	1.0 v [p-p] /75Ω 2:1 interlaced composite video signal	
Playback Input	1.0 v [p-p] /75Ω composite video signal	
Camera Switching Input	1RCA pin jack	
Sampling Frequency	4 fsc 14MHz	
Quantizing	8 bit	
Pixels	720 × 480	
Minimum Switching Interval (Rec.out)	4 fields	
Spot Out	1.0 v [p-p] /75Ω composite video signal	
Data Input	RS485 modular jack	
Camera Output	1.0 v [p-p] /75Ω automatic termination looped through	
Recording Output	1.0 v [p-p] composite video signal, multiplexed with camera ID	
Multi Screen Out	1.0 v [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 (14°F ~ 122°F)	
Ambient Operating Humidity	Less than 90%	
Dimensions	420 (W) × 44 (H) × 350 (D) mm 16-9/16" (W) × 1-3/4" (H) × 13-3/4" (D)	
Weight	4kg (8.8lbs.)	

APPEARANCE



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

Panasonic

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