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Find the *Panasonic WJ-HD500A* at our website: *Click HERE*

Panasonic

Closed Circuit Video Equipment

Digital Disk Recorder

WJ-HD500A

Version 1.6

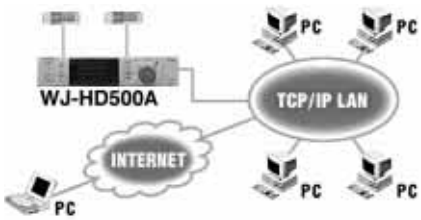


Equipped with a Hard-Disk Drive, this high-quality image digital surveillance recorder combines outstanding performance with upgrade capability.

Now Panasonic brings you the WJ-HD500A, the digital surveillance recorder equipped with a hard disk drive.
The WJ-HD500A makes surveillance systems easier to use and more effective than ever. Hard disk benefits include high durability, elimination of image degradation caused by repeated recording and reproduction, ultra fast writing and retrieval, and no need to change or file video cassettes.



The advanced triplex feature allows simultaneous live monitoring, recording, and reproduction. The multiple-recording feature allows automatic recording of images from different times and locations. Image search and retrieval is fast, and optional add-on units allow extended image recording from large surveillance systems. Optional boards also allow the WJ-HD500A to be incorporated in 100Base-T LANs and WANs. Nothing does a better job combining advanced surveillance functions with the modular flexibility for today's surveillance applications.

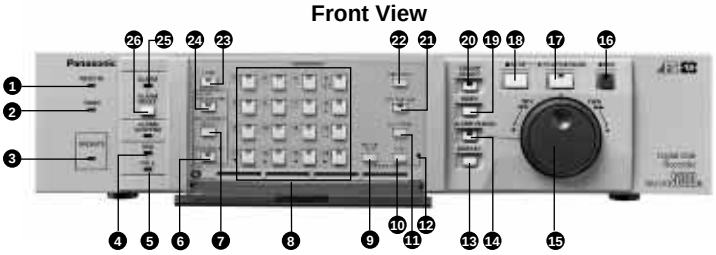


Key Features

- High quality pictures by DIGITAL recording.
- Built-in 80GB HDD, and plus 80GB can be added in one unit (160GB total).
- Up to 2,080GB expansion method with optional component units & HDDs.
- 4 (four) virtual recording system in one HDD for individual location.
- RAID level 1 (Mirroring) for reliability.
- 4 (four) way JPEG compression recording modes selectable.
- 720H x 576V (frame), 720H x 288V (field) pixels selectable.
- Built-in 16ch multiplex recording system.
  Triplex mode (Live / Recording / Playback)
- 100Base-T Network interface capability by optional network board; WJ-HDB502.
- 3D scan conversion for stable freeze frame picture.
- Four programs / five timer schedules per recorder.
- Recording modes; 1 (one) shot rec, multi-shot rec and time-lapse rec.
- Quick search function (thumbnail, alarm list and direct modes)
- Motion detector function.
- Optional remote controller; WV-CU50 is available for easy operation.

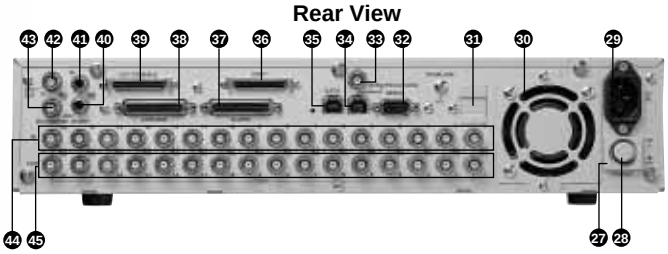
MAJOR OPERATING CONTROLS

Front View



1 Remote LED
2 Timer LED
3 Power LED
4 HDD LED
5 FULL LED
6 Sequence Button
7 Multiscreen Select Button
8 Camera Select Button(1~16) / ▼,▲,◀,▶,+, –, SET Button
9 Set Up / ESC Button
10 Copy Button
11 EL-Zoom Button
12 Summer Time Indicator
13 Display Button
14 Alarm Search Button
15 Jog / Shuttle Dial
16 REC Button
17 Play / Pause Button
18 Stop Button
19 Index Button
20 Group Select Button
21 Rec Preview Button
22 Rec Stop Button

Rear View

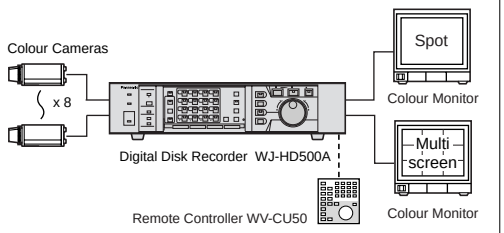


23 Lock Button
24 Spot / Multiscreen Button
25 Alarm LED
26 Alarm Reset Button
27 Switch Guard
28 Power Switch
29 AC Inlet
30 Fan Unit
31 10 / 100 Base-T Connector (When optional board installed)
32 Serial Connector
33 Video Sync Out Connector
34 Remote Terminal
35 PS-Data Terminal
36 SCSI Connector (Copy)
37 Alarm Connector
38 Control Connector
39 SCSI Connector (Ext. Storage)
40 Audio Out Connector
41 Audio In Connector
42 Spot Out Connector
43 Multi Screen Out Connector
44 Camera In Connector (1~16)
45 Camera Out Connector (1~16)

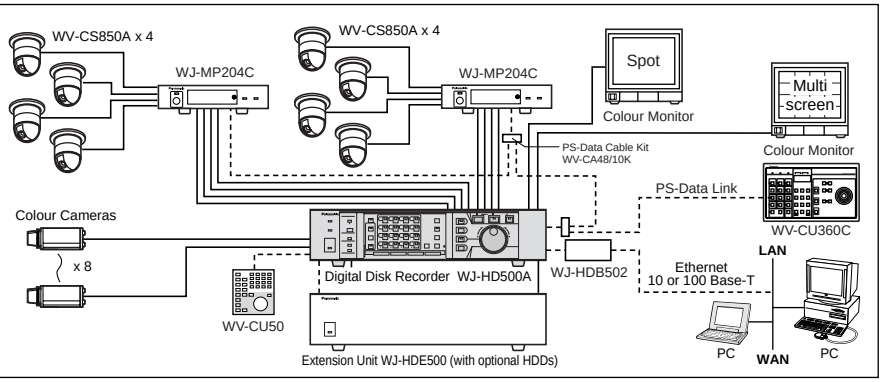
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SYSTEM EXAMPLES

1



2



Disk Data Reference Chart

Recording Interval : approx.1second (Colour PAL Signal, Audio Signal : Off)

more than 2,080GB HDD

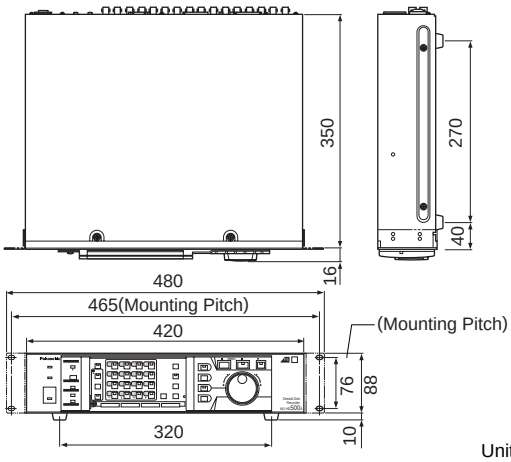
Camera Channel	Recording Time Mode	(hour)	24H (1-day)	48H (2-day)	168H (1-week)	720H (1-month)	1,440H (2-month)
	Sampling Pixel Size	(second) / Compression Mode	86,400s	172,800s	604,800s	2,592,000s	5,184,000s
			Hard Disk Drive (GB)				
8	720H x 576V	Super Fine	90	180	630	2700	5400
		Fine	54	108	378	1620	3240
		Normal	46	92	322	1380	2760
		Extended	24	48	168	720	1440
	720H x 288V	Super Fine	46	92	322	1380	2760
		Fine	28	56	196	840	1680
		Normal	18	36	126	540	1080
		Extended	14	28	98	420	840
16	720H x 576V	Super Fine	134	268	938	4020	8040
		Fine	82	164	574	2460	4920
		Normal	54	108	378	1620	3240
		Extended	34	68	238	1020	2040
	720H x 288V	Super Fine	68	136	476	2040	4080
		Fine	42	84	294	1260	2520
		Normal	28	56	196	840	1680
		Extended	20	40	140	600	1200

Recording Interval : The recording interval is the length of time for which images from the same camera can be reproduced. When multiple cameras are used, the recording sequence and amount of time allocated to each camera can be pre-set to fit the available recording interval.

SPECIFICATIONS PAL

General		
Power Source		220V-240V AC, 50Hz
Power Consumption (approx)		58 W
Ambient Operating Temperature		5˚C - 45˚C
Standard Hard Disk Drive Unit		80 GB
Drive Bay for Optional HDD Unit		1 bay
Dimensions (W x H x D)		420 x 88 x 350 mm
Weight (approx.)		7.5 kg
Input / Output		
Video	Video Input	16 terminals, 1V [p-p] / 75 Ω, PAL composite video signal with automatic termination / looping through (BNC)
	Video Output	16 terminals, 1V [p-p] / 75 Ω, PAL composite video signal with looping through (BNC)
	Spot Output	1 terminal, 1V [p-p] / 75 Ω (BNC)
	Multi-screen Output	1 terminal, 1V [p-p] / 75 Ω (BNC)
	Sync Output	1 VBS, 1V [p-p] / 75 Ω (BNC)
Audio	Audio Input	-10dB, unbalanced, monaural (pin-jack)
	Audio Output	-10dB, unbalanced, monaural (pin-jack)
Others	External Storage	SCSI Interface (D-sub, half pitch 50-pin)
	Copy	SCSI Interface (D-sub, half pitch 50-pin)
	Control Input / Output	Group 1-4 recording output, manual recording output, Emergency recording output, DVD/HDD level output, external storage unit emergency input, DVD extension unit, emergency input, unit emergency output, power inspection input, power off output, emergency recording input, time adjustment input, time adjustment output, sequence select output (D-sub, 25-pin)
	Alarm Connector	1-16ch alarm input, alarm recover input, recording mode external input, alarm recover output, alarm output, sequence select output (D-sub, 25-pin)
	Data	RS-485 (RJ-11)
	Remote	2 wire system for specific remote controller
	Serial Port	RS-232C (D-sub, 9-pin)
	Network Interface Function	Option (WJ-HDB502)

DIMENSIONS



Unit : mm

OPTIONAL COMPONENTS & ACCESSORIES

Remote Controller
WV-CU50



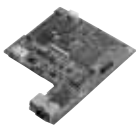
Extension Unit
WJ-HDE500
(4 drive bays for HDD)
Extension Unit
WJ-HDE505
(4 drive bays for HDD with SCSI driver)



Extension Unit
WJ-HDE510
(2 drive bays for HDD plus DVD 4.7GB drive)



Network Board
WJ-HDB502
(10/100Base-T network interface)



Viewer Softwares
WV-AS50
(for DVD-RAM)
WV-AS50A
(for DVD-RAM/CD-R/FTP)
Upgrade Softwares
WJ-SHD500
(upgrade to Ver.1.6 for WJ-HD500)
WJ-SHD500A
(upgrade to Ver.2.0 for WJ-HD500A)

System Controller
WV-CU360C



Data Multiplex Unit
WJ-MP204C



• Weights and dimensions are approximate. • Specifications are subject to change without notice. • These products may be subject to export control regulations.

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Printed in Japan
WJ-JKHD500T(2N-673D)

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