aiwa

40 easy weeks for
8 GB users.

Almost 40 weeks of unattended backup for 8 GB users, 7 weeks for 16 GB users.

Imagine not having to worry about backing up your data for weeks and weeks – that's how easy life can be with AIWA AL-D214/224 AutoLoaders. Everything's done automatically – just set it and forget it. The entire process is maintenance-free, error-free, worry-free. The AIWA AL-D214 backs up 17 DDS-2 4/8 GB cartridges for a capacity up to 136 GB. That means you won't have to think about backup for almost 40 weeks if your daily backup is less than 8 GB, 7 weeks if it's less than 16 GB. You'll save time, effort – and the cost of human labor – day after day and week after week. And it couldn't be easier!

The high-speed performance your hectic pace demands.

Don't think you'll need all night to back up each day's data. Not with the super-fast AL-D214. This remarkable drive is twice as fast as our AL-D210 – and four times faster than our original DDS. So it backs up much more data without taking more time to do it. The AL-D214 delivers hardware transfer rates at up to 93 MB/min. (5.6 GB/hr.); the AL-D224 with dual drives delivers rates of up to 187 MB/min. (11.2 GB/hr.). And they both have the fastest tape loading cycles in the industry – less than five seconds!

Intelligent design for ease of use and operation.

The front-loading design makes it easy to access the 17-slot magazine. And the illuminated LCD display shows status of operation and indicates problems in time to correct them. These are just some of the features that make AIWA's AutoLoaders the smartest backup solution you can buy.

Features and Benefits
* AL-D214 with single tape drive delivers transfer rates up to 93 MB/min.
* AL-D224 with dual drives delivers transfer rates up to 187 MB/min. using parallel data streaming
* Up to 136 GB capacity with 2:1 data compression, using 17 120m tapes
* Includes Media: 16, 120m data cartridges and one cleaning cartridge
* Front loading magazine for easy accessibility to tapes
* The fastest tape loading cycles, less than five seconds
* Tape-loading mechanism permits random or sequential cartridge selection
* LCD display indicates complete operating status
* Small desktop footprint
* Software support for networks including Novell NetWare,® OS/2, Windows NT, UNIX and Macintosh
* Single moving assembly for greater reliability
* Make copies of your original backup tapes with the AL-D224

CHEYENNE
CERTIFIED DEVICE

dantz
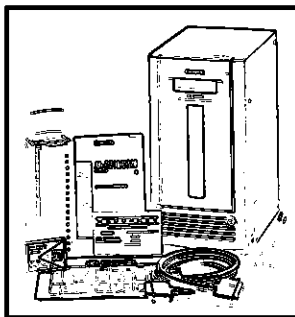
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Seagate Software

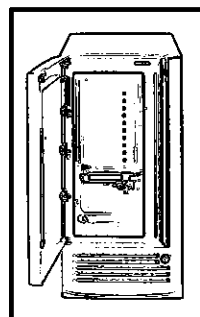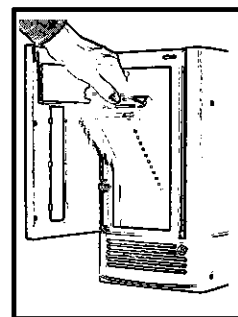|	AL-D214	AL-D224
Physical Configuration		
Capacity, Native	68 GB	68 GB
Capacity, Compressed (2:1)	136 GB	136 GB
Cartridges	17 - 120m, 90m, 60m	17 - 120m, 90m, 60m
Tape Drives	Single DDS-2	Dual DDS-2
Interface	SCSI-2, Single Ended	SCSI-2, Single Ended
Data Buffer	1,024 KB	1,024 KB
Performance		
SCSI 2 (burst)	10 MB/s	10 MB/s
Sustained Transfer Rate	778 - 1556 KB/sec	1556 - 3112 KB/sec
Sustained Avg. Transfer Rate	47 - 93 MB/min	93 - 187 MB/min
Access Time	35 Seconds With 120m Tape	35 Seconds With 120m Tape
Tape Load Cycle	Less Than 5 Seconds	Less Than 5 Seconds
Drum Rotational Speed	8,503 RPM	8,503 RPM
Reliability		
MTBF in Hours (Tape Drive)	200,000 Hours at 20% Duty	200,000 Hours at 20% Duty
MSBF in Hours (Loader) (Mean Swaps Before Failure)	>100,000 Cartridge Insertions/Removals	>100,000 Cartridge Insertions/Removals
Warranty	2 Years	2 Years
Power Requirements		
Consumption	0.47A (110V), 0.35A (240V)	0.54A (110V), 0.38A (240V)
Physical Dimensions		
W	8.125in/205mm	8.125in/205mm
H	16in/406mm	16in/406mm
D	12.25in/308mm	12.25in/308mm
Weight	24lb 4oz/11kg	25lb 11oz/11.65kg
Environmental		
Operating Temp	41°F - 95°F/5°C - 35°C	41°F - 95°F/5°C - 35°C
Relative Humidity	20% – 80%	20% – 80%
Non-Operating Temp	14°F-122°F/-10°C - 50°C	14°F - 122°F/-10°C - 50°C
Relative Humidity	0% - 90%	0% - 90%
Certifications	UL 1950, FCC Class B	UL 1950, FCC Class B

Package Accessories include: Power cord; 6 ft Centronics SCSI cable; Installation Manuals; 17 Position Tape Magazine, 16 DDS-2 120-Meter Tape Cartridges, 1 Cleaning Cartridge

Picker mechanism pulls tape cartridge from magazine slot and inserts into drive.

Tape cartridge magazine can be replaced from front.

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