

DK225A-14 2.5-inch Disk Drive Specifications & Jumper Settings

MODEL	DK225A-14
INTERFACE	ATA-3
FORMATTED CAPACITY	1.44 Gbytes

PARAMETERS	
CYLINDERS	4188
HEADS	16
BYTES PER SECTOR	512
SECTORS PER TRACK	63
ROTATIONAL SPEED	4,464 rpm
AVERAGE LATENCY	7 ms

TRANSFER RATE	
INTERNAL (Disk-Buffer)	5.7~9.0 Mbytes/ sec
BUFFER-HOST (Host-Buffer)	16.6 MB/s max. (PIO Mode4, DMA Mode2)
BUFER SIZE	128 Kbytes

SEEK TIMES	
AVERAGE	12 ms
MAXIMUM	24 ms
MINIMUM	3 ms

PHYSICAL SPECIFICATIONS	
HEIGHT	12.7. mm (0.49in.)
WIDTH	70. mm (2.75in.)
DEPTH	100.0 mm (3.94in.)
WEIGHT	Approx. 155g (5.11 oz.)

POWER REQUIREMENTS +5V \pm 5%	
SEEK	0.65A
MAXIMUM	9A

MASTER/SLAVE JUMPER SETTINGS (" " marked pins are removed for key)	
MASTER/ SINGLE: NO JUMPERS REQUIRED	SLAVE: JUMPER A-B

TYPICAL INSTALLATION:

1. Setup drive parameters in system bios (refer to above parameter table)

Note: If system asks for write Pre-comp and Landing Zone values, use the system default values.

2. Create DOS partition- type "FDISK" to create logical capacity (refer to your operating system manual for details).
3. Format with DOS system- type "Format C:/S" to complete installation

IDE DRIVE Interface Pin Assignments:

43	41	39	37	35	33	31	9	27	25	23	21	19	17	15	13	11	9	7	5	3	1	E	C	A
44	42	40	38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	F	D	B
RSV	SV	OND	CSF3G	DA2	PDIA2	LOC516	OND	CSEL	OND	OND	OND	KEY	DD15	DD14	DD13	DD12	DD11	DD10	DD9	DD8	OND	KEY	J93	J91
OND	SV	DASP	CSF3G	DA0	DA1	INTRQ	DMACK	IOE2Y	DIOE	DIOV	DMARQ	OND	DD0	DD1	DD2	DD3	DD4	DD5	DD6	DD7	RESET	KEY	J92	J90

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