

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:

0ND	SV	DASP	CSIF3G	DA0	DA1	INTRQ	DMACK	IORDY	DIOR-	DIOR+	DMARQ	0ND	DD0	DD1	DD2	DD3	DD4	DD5	DD6	DD7	RESET	KEY	JP2	JP0
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	0ND	CS3F3G	DA2	PD1AG	IOCS16-	0ND	CSEL	0ND	0ND	0ND	KEY	DD15	DD14	DD13	DD12	DD11	DD10	DD9	DD8	0ND	KEY	JP3	JP1

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