

### Quick Installation Guide

DK31/32CJ-MC/MW

#### Specifications

	DK31CJ-72	DK32CJ-36	DK32CJ-18
Formatted Capacity* (Gbytes)	73.9	36.9	18.4
Bytes per Sector	512	512	512
#Cylinders/#Heads/#Disks	15154/24/12	15154/12/6	15154/6/3
Maximum LBA*(Hex)	89B88FF	44DC47F	226E23F
Seektime:Average(Read/Write)(ms)	5.6/6.5	5.2/6.0	5.2/6.0
Spindle Speed rpm	10025	10025	10025
Interface Type	SCSI Ultra	160 SCSI Ultra	160 SCSI Ultra 160
Transfer rate (MB/s)	160 max	160 max	160 max
Operating Temperature (C/F)	5-50 /41-122 F	5-50 /41-122 F	5-50 /41-122 F
Power: 12Vpeak(Typ)/5V peak (Typ) (A)	3.25/1.2	2.2/1.2	2.3/1.2
Start Time(s)	25	25	25

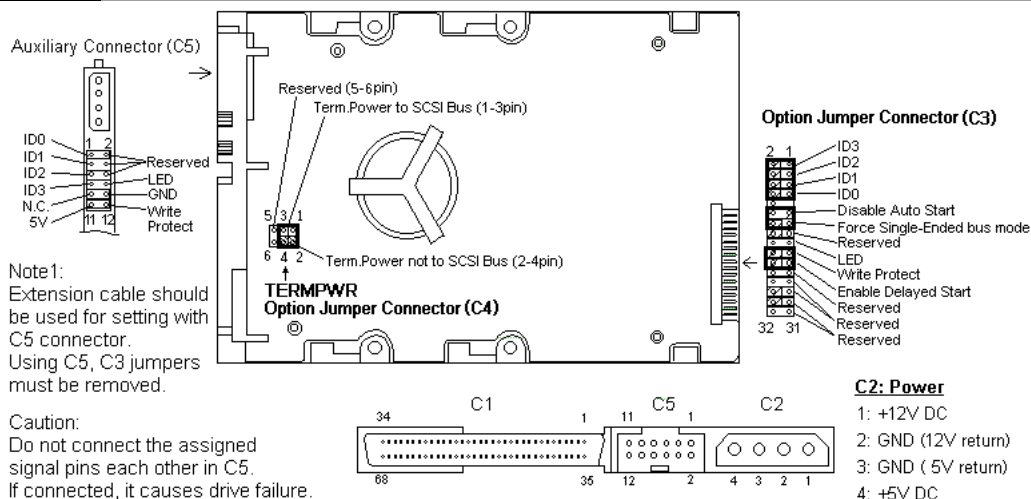
#### Handling Precautions

- Do not press on the drive. Hold the drive by the sides only, do not apply any force to the drive during handling or installation
- Always handle the drive with care to prevent damage from shock, vibration or electrostatic discharge (ESD). Do not touch the Printed Circuit Board (PCB).
- Electrostatic Discharge. Static electricity can damage the drive. Before handling the drive, touch an unpainted metal surface for a few seconds to drain any static electricity from your body.
- Keep the original packaging and static-protective bag in case the drive has to be returned.

#### Mounting Orientation

- Installation horizontal or vertical ( 6 directions)
- Provide adequate air flow to cool drive
- Use 4 mounting screws (6x32 UNC). Maximum screw penetration 3.8mm (0.15 in) into drive

#### Connector Layout



TERMPWR:  
Option Jumper Connector C4

Pin	Function	Removed	Installed
1-3	Termination	N/A	Term. Power to SCSI bus
2-4	Power	N/A	Term. Power not to SCSI bus*
5-6	Reserved		

#### Cable Specifications

- Use interface cables that meet the ANSI SCSI guideline.
- Cable length:

##### Interface cable (MW, Single-ended mode)

SCSI Interface	Cable Type	Maximum cable length
Fast-5	Flat Ribbon or Twisted Pair	6m (16 units max.)
Fast-10	Flat Ribbon or Twisted Pair	3m (16 units max.)
Ultra (Fast20)	Flat Ribbon or Twisted Pair	3m (4 units max.) 1.5m (8 units max.)

##### Interface cable (MW, LVD mode)

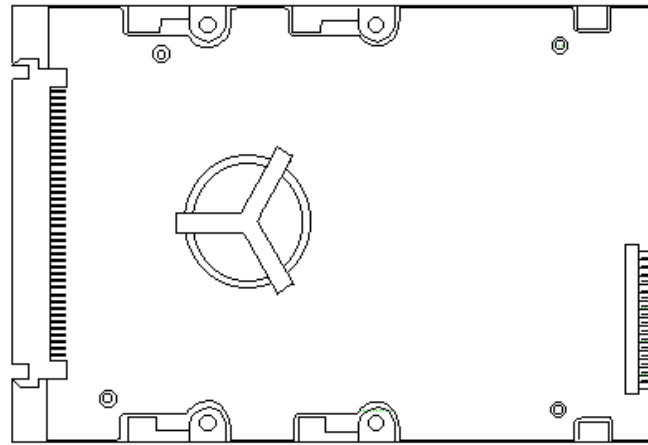
SCSI Interface	Cable Type	Maximum cable length
Ultra2(Fast)-40	Flat Ribbon or Twisted Pair	12m (16 units max.)
Ultra160(Fast-80)	Flat Ribbon or Twisted Pair	

### Quick Installation Guide

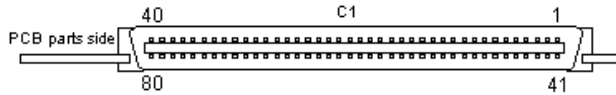
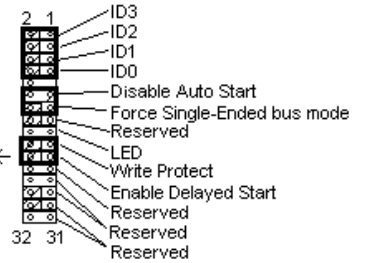
DK31/32CJ-MC/MW

#### Connector Layout (continuation)

SCA-2 LVD 80pin-16bits



#### Option Jumper Connector (C3)



#### Power

Power is supplied to the drive through the SCA connector. Verify proper connections and cabling or damage will occur.

#### Option Jumper Connector C3

Pin	Function	MW		MC		
		Removed	Installed	Function	Removed	Installed
1-2	ID3	*		ID3	*	
3-4	ID2	*		ID2	*	
5-6	ID1	*		ID1	*	
7-8	ID0	*		ID0	*	
9-10						
11-12	Disable Auto Start	At power on per C3 pins 13-14*	Only by SCSI Command	Disable Auto Start	Refer note3 below*	Only by SCSI Command
13-14	Force SE Mode	Single-ended or LVD mode*	Only Single-ended mode	Force SE Mode	Single-ended or LVD mode*	Only Single-ended mode
15-16	Reserved			Reserved		
17-18	LED			LED		
19-20	Write Protect	Write Enabled*	Write Protected	Write Protect	Write Enabled*	Write Protected
21-22	Enable Delayed	Start At Power on*	In 10 sec x ID intervals	Enable Delayed	Start At Power on*	In 10 sec x IID intervals
			after power on			after power on
23-31	Reserved			Reserved		

Indicates Default Settings IF using C3 connector, C5 must not be used for setting jumpers. Do not Change the reserved jumper pins! Changing will void warranty!  
Spare jumpers C3: 14-16, 20-22, and 28-30. These spare jumpers can be used for another setting

Note 3: IF C1 -38pin(AutoStart) is Open; MOTOR STARTS PER C3 PINS 21-22 GND: motor starts only by SCSI commands