

Quick installation guide Travelstar 25GS, 18GT, & 12GN ATA/IDE



Model:	DARA-225000	DARA-218000
	DARA-215000	DARA-212000
	DARA-209000	DARA-206000

Handling precautions

- Wear a wrist strap while handling the drive to prevent damage from Electrostatic Discharge (ESD).
- Set the drive down gently to prevent damage from impact or vibration.
- Do not open the ESD bag containing the drive until needed.
- Handle the drive carefully by the edges. Do not touch the exposed printed circuit board or any electronic components.
- Do not press on the top or bottom of the drive.
- Do not cover the drive's breather hole.

Quick installation

IMPORTANT: Back up all data before proceeding with installation!

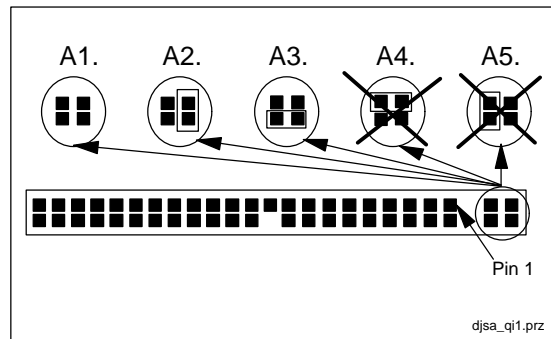
Set the jumpers

- **Master drive.** No jumpers are required if the drive is the only drive in a system or the Master drive in a two-drive system.
- **Slave drive.** If the drive is the Slave drive in a two-drive system, jumper setting A2 (see opposite) is required.
- **Cable Select.** Consult the system manual to see if your computer supports Cable Select before choosing the A3 jumper setting.

Attach the drive

Consult your system manual for instructions on how to complete the physical installation of the drive.

Jumper settings



- A1. Master
- A2. Slave
- A3. Cable Select
- A4. Never Attach a Jumper Here
- A5. Never Attach a Jumper Here

Configure your computer

1. Turn on your computer. Your computer may detect a configuration change and prompt you to proceed to the *Setup* screen.
2. If your computer does not prompt you to reconfigure, enter your computer's *Setup*, typically by key selection or keyboard combinations during power-on or during a reboot. Refer to your system manual for the proper key sequence. If the computer fails to boot up, power off, remove the drive, and return your system to its original configuration. Reboot and enter your computer's *Setup*. Follow the directions in step 3, then attach the drive.
3. Select *Auto Detect* if your computer *Setup* supports this feature. If your computer does not support *Auto Detect*, select the appropriate UDT (User Definable Type) for the drive.

IBM Model	Cylinders	Heads	Sector	Capacity
DARA-225000	16,383	16	63	25.4GB
DARA-218000	16,383	16	63	18.1GB
DARA-215000	16,383	16	63	15.1GB
DARA-212000	16,383	16	63	12.1GB
DARA-209000	16,383	16	63	9.0GB
DARA-206000	12,416	15	63	6.0GB

Partition and format

Using one of the two methods given below, partition and format your drive:

1. Ontrack Disk Manager

- i. For Windows 95 or 98 boot to a DOS prompt with the system startup diskette and insert the Disk Manager diskette.
For Windows NT or another operating system boot with the Disk Manager diskette and select the appropriate operating system.
- ii. Type *DM* and press *Enter* to run Disk Manager.
- iii. Under *Select an Installation Option* select *(E)asy Disk Installation*.
- iv. Select the drive to be installed. Disk Manager will partition and format the drive. A status dialog will indicate a successful installation.

2. FDISK.EXE and FORMAT.EXE

Partitioning with FDISK.EXE

FDISK.EXE or a similar partitioning software from the operating system may be used in place of Ontrack Disk Manager to partition your drive. Follow the instructions provided with your operating system.

NOTE: If the drive capacity displayed by Fdisk does not match the capacity of your drive, Ontrack Disk Manager may be required to utilize the full capacity.

Formatting with FORMAT.EXE

Follow the instructions provided with your operating system to format the drive. Formatting will verify the hard disk media and create file allocation tables for the partition.

Final note

If your system does not boot up after completing the installation, recheck all settings. If the system still fails to boot up, remove the Travelstar drive from the system and contact the IBM Technology Group Support Center.



© International Business Machines Corporation 2000

www.ibm.com/harddrive

IBM Technology Group Support Center

Telephone: 888.426.5214 or 507.286.5825

E-mail: drive@us.ibm.com

Singapore Technology Group Support Center

Telephone: (65)6418.9595 or 1800.418.9595

E-mail: drive@sg.ibm.com

UK Technology Group Support Center

Telephone: 44.1475.898.125

E-mail: drive@uk.ibm.com

Germany Technology Group Support Center

Telephone: 49.7032.153050

E-mail: drive@de.ibm.com

IBM Systems Storage Division

5600 Cottle Road

San Jose CA 95193

www.ibm.com/storage

Printed in the United States of America

08-2000

All Rights Reserved

IBM is the registered trademark and Travelstar is the trademark of International Business Machines Corporation. Other company, product, and service names may be trademarks or service marks of others.

Produced by the IBM Technology Group Support Center.

OEM Hard Disk Drive Specifications for DARA-2xxxxx, 2.5 Inch Hard Disk Drive with ATA interface, Revision 1.0

Product Description data represents IBM's design objectives and is provided for comparative purposes; actual results may vary based on a variety of factors. This product data does not constitute a warranty. Questions regarding IBM's warranty terms or methodology used to derive this data should be referred to the IBM Technology Group Support Center. Data subject to change without notice.

Date: 1st August, 2000 ©