



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for HITACHI ULTRASTAR 9ZX. You'll find the answers to all your questions on the HITACHI ULTRASTAR 9ZX in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual HITACHI ULTRASTAR 9ZX**  
**User guide HITACHI ULTRASTAR 9ZX**  
**Operating instructions HITACHI ULTRASTAR 9ZX**  
**Instructions for use HITACHI ULTRASTAR 9ZX**  
**Instruction manual HITACHI ULTRASTAR 9ZX**

IBM storage products

**Quick installation guide**  
**Ultrastar 9ZX**  
SCSI

Models: DGVS-09U & DGVS-09Y




**Handling precautions**

1. Do not cover the breather hole! Covering the breather hole may result in loss of data.
2. Do not press on the drive! Do not apply any force to the drive during handling or installation.
3. Always handle the drive with care to prevent damage from shock, vibration, or electrostatic discharge (ESD).
4. Do not open the static-protective bag with the drive until required. Static electricity can damage the drive.
5. Turn off and unplug your computer. Remove cover.
6. When installing the drive, touch a grounded, unpainted metal surface with the static-protective package containing the drive for at least two seconds. (This drains static electricity from the package and from your body.)
7. Handle the drive carefully by the edges. Do not touch any exposed printed circuit board.
8. Save the drive packaging material including the ESD bag in the event that the drive must be returned. Place the drive in an anti-static bag before placing it in the shipping container. The warranty will be void if the drive is not returned in IBM approved packaging.

**Setting the address**

1. Each drive on the SCSI bus must have a unique address. Sixty eight and eighty pin (Wide SCSI) devices both have 16 possible addresses (0-15).
2. SCSI address bits 3, 2, 1, and 0 of the 32-pin Jumper Block are used to select the SCSI device ID.



Note: For attachment to a Macintosh, place jumpers on pins 29 & 30 to Disable Unit Attention and pins 11 & 12 for Auto Start.



**Quick installation procedure**

It is advisable to backup all data before proceeding with the installation.

This procedure may require using a bootable System Diskette containing FDISK.COM and FORMAT.COM.

IBM Hard Disk Drive Technical Support Center Page 1 version 3.0



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**Manual abstract:**

@@2. SCSI address bits 3, 2, 1, and 0 of the 32-pin Jumper Block are used to select the SCSI device ID. Reserved Auto Start Blank External Activity LED Write Protect GND SCSI Address Bit 3 2 1 0 Autostart Delay Reserved Disable Sync Negotiations Disable SCSI Parity Disable Unit Attention Disable Wide Negotiations 2. Do not press on the drive! Do not apply any force to the drive during handling or installation. 1357 11 13 15 17 19 21 23 25 27 29 31 1 2 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 GND GND Reserved Reserved +5V GND Termination Power Enable 3. Always handle the drive with care to prevent damage from shock, vibration, or electrostatic discharge (ESD). 4. Do not open the static-protective bag with the drive until required. Static electricity can damage the drive. 5.

Turn off and unplug your computer. Remove cover. 6. When installing the drive, touch a grounded, unpainted metal surface with the static-protective package containing the drive for at least two seconds. (This drains static electricity from the package and from your body.

) 7. Handle the drive carefully by the edges. Do not touch any exposed printed circuit board. 8. Save the drive packaging material including the ESD bag in the event that the drive must be returned.

Place the drive in an anti-static bag before placing it in the shipping container. The warranty will be void if the drive is not returned in IBM approved packaging. @@@@Partitioning and formatting will erase all data. 1. @@2. @@The /S parameter makes C: the operating system startup drive. 3. @@4. Remove the diskette and restart your computer. The installation is complete.

@@@@Turn off the computer, unplug the power cord and open the case. 2. @@@@3. Select the other option jumpers as required by your computer. 4. Attach the power connector. Mounting the drive 1. @@2. The maximum screw insertion depth for mounting is 3.8 mm (.15 in). Configuring your computer 1. @@@@If so, proceed to step 3. 2. @@Refer to your computer's documentation for the proper key sequence.

3. Follow the Setup menu to configure your computer with your new SCSI drive. It may be necessary to restart your computer for the changes to take effect. © International Business Machines Corporation 19989 www.ibm.

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