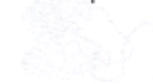


## Copyright Notice

© 2000 MaxTronic International Co., Ltd. All rights reserved.

No part of this written material may be reproduced, stored in a retrieval system, used in any form or by any means, electronic or mechanical, photocopying, recording, or otherwise, without the written permission of MaxTronic International CO., LTD.



1. Handle the Unit Awa carefully from being bumped or dropped. Do not place the product on an unstable desk, stand, or table. It may fall, causing serious damage to the product.



2. Keep the Unit Awa away from magnetic forces.



3. Do not use the product near water.



4. Keep the Unit Awa away from dust, sand, or dirt.



5. Gaps and openings in the cabinet and the back are provided for ventilation. To ensure reliable operation and to protect it from overheating, the gaps and openings should never be blocked or covered by placing the product in a bag, enclosure, or other similar enclosure.



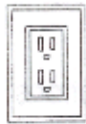
6. Do not pour the product or water over a ceiling or wall outlet.



7. Before plugging into a wall outlet, check that the appliance voltage corresponds to the supply voltage.



8. The appliance must be grounded. This product is equipped with a 3-wire grounding-type power cord. Please do not pull the cord into a space where it is not needed.



11. If an extension cord or a power center is used with this product, make sure that the total of all products plug into the wall outlet does not exceed the ampere rating.



12. Do not place the Disk Array where the cord will be walked on.



13. Never push any kind of object into this product through cabinet gaps and openings, they may touch dangerous voltage points cause a risk of fire or electric shock.



14. Unplug the power cord from the wall outlet before cleaning. Keep the Disk Array dry. Do not use liquid cleaners, aerosol cleaners, or a wet cloth. Use a damp cloth for cleaning.



15. Except as specifically explained in this Users Manual, please do not attempt to service this product by yourself. Opening or removing the covers may expose you to dangerous voltages.



16. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions :
- If this product has been exposed to water or any liquid.
  - If the product has been dropped or the cabinet damaged.

# Contents

---

## Chapter 1 : Introduction

Features .....	1-2
General RAID concepts .....	1-4
RAID Level 0 .....	1-5
RAID Level 1 .....	1-7
RAID Level 3 .....	1-8
RAID Level 5 .....	1-10
Summary Comparison of RAID Levels .....	1-12
Supported RAID Levels .....	1-13
Multi-SCSI Format support .....	1-14

---

## Chapter 2 : Getting Started

General Overview .....	2-1
Unpacking & Checklist .....	2-2
Choosing a place for Disk Array .....	2-3
Identifying Parts of Disk Array	
Front View .....	2-4
Rear View .....	2-5
Power Source .....	2-6
Installing the Hard Disk Drive .....	2-7
Host Linkage .....	2-10
Power-On & Self-Test .....	2-11
LED Display & Function Keys	
LED Display .....	2-12
Function Keys .....	2-13
LCD Status Panel .....	2-14

---

## Chapter 3 : Configuration

General Overview .....	3-1
Configuration from the front Panel .....	3-2

Configuration Procedures .....	3-3
Starting the Configuration .....	3-4
Configuration from VT100 Terminal Mode .....	3-7
Configuration Procedures .....	3-8
Main Screen .....	3-9
Re-config RAID .....	3-10
Set RAID Level .....	3-11
Hot Spare Disk .....	3-12
Set SCSI ID# .....	3-13
Termination .....	3-14
Password .....	3-15
Save & Restart .....	3-16

---

## Chapter 4 : Advanced Information

Memory Expansion .....	4-2
RAID Controller Block Diagram .....	4-5
Updating Firmware .....	4-6
Setting Up VT100 Terminal Emulation in Windows 95 <sup>a</sup> .....	4-7
Start to Update Firmware .....	4-14

---

## Chapter 5 : Hot Swap

Removing / Installing Hard Disk Drive .....	5-2
Removing / Installing Redundant Power Supply Unit .....	5-6
Removing / Installing Cooling Fan .....	5-9

---

## Appendix :

Technical Specifications .....	A-1
--------------------------------	-----

## Important ! Safety Instructions, Care and Handling



1. Before starting, take a few minutes to read this manual, read all of these instructions and save this manual for later reference.



2. Protect the Disk Array from extremely high or low temperatures. Let the Disk Array warm (or cool ) to room temperature before using it.



3. Protect the Disk Array from being bumped or dropped. Do not place this product on an unstable cart, stand, or table. It may fall, causing serious damage to the product.



4. Keep the Disk Array away from magnetic forces.



5. Do not use this product near water.



6. Keep the Disk Array away from dust, sand, or dirt.



7. Gaps and openings in the cabinet and the back are provided for ventilation. To ensure reliable operation and to protect it from overheating, the gaps and openings should never be blocked or covered by placing the product on a bed, sofa, rug, or other similar surface.



8. Do not place this product near or over a radiator or heat register.



9. Refer to rating plate for voltage and check that the appliance voltage corresponds to the supply voltage.



10. The appliance must be grounded. This product is equipped with a 3wire grounding-type power cord, this power cord will only fit into a groundingtype power outlet.