SANS DIGITAL | MOBILERAID MR5S1 | MR5CT1

QUICK INSTALLATION GUIDE v1.0

Package Contents

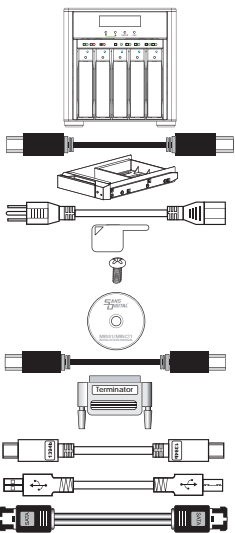(Please contact Sans Digital in case of missing or damaged items.)

Included

MR5S1/ MR5CT1 unit.. 1
RS232 cable.. 1
Removable Tray... 5
Power cord... 1
Tray Key.. 2
Screws... 32
User's Manual... 1

MR5S1 Only

SCSI cable... 1
Terminator.. 1

MR5CT1 Only

1394b cable.. 1
USB cable.. 1
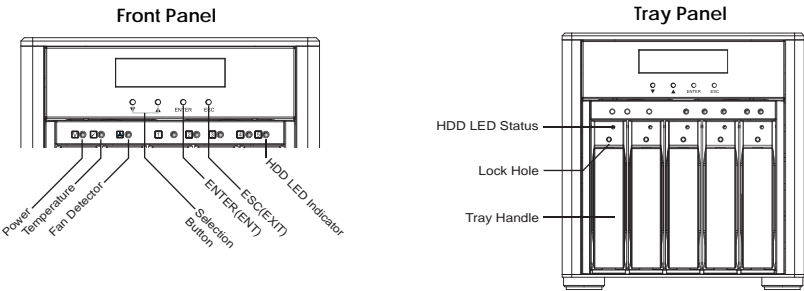eSATA cable... 1

Installing HDD in the Removable Tray

1. Demount the plastic tray protector.
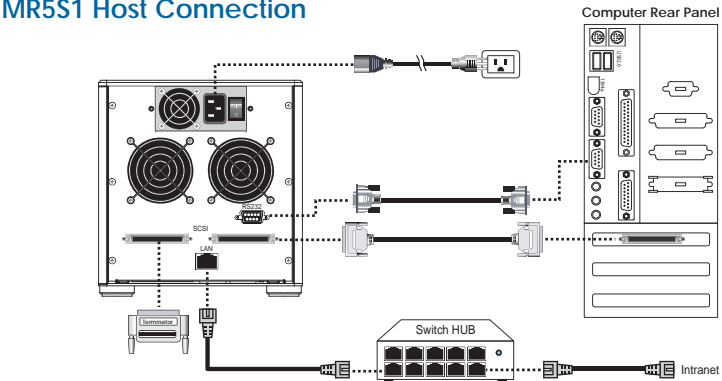2. Mount the HDD into the tray.
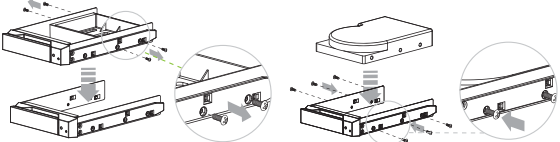
⚠ If the screws are not properly fastened the hard disk may be pushed towards the back of the unit & the tray handle will not open properly.

Hardware Diagrams

Front Panel

Power — Temperature / Fan Detector — ENTER(ENT) / Selection Button — ESC(EXIT) — HDD LED Indicator

Tray Panel

HDD LED Status
Lock Hole
Tray Handle

MR5S1 Host Connection

Computer Rear Panel

Switch HUB

Intranet

⚠ • Please connect the SCSI terminator before setting up the MR5S1 or the device will not be detected.
• For Quick Installation the SCSI ID default is 0, however, if you need to change this please refer to the User's Manual on the CD.

MR5CT1 Host Connection

Computer Rear Panel
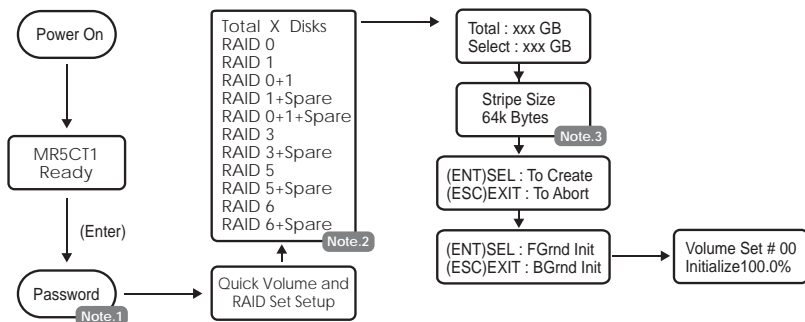
To Ethernet for Remote Management
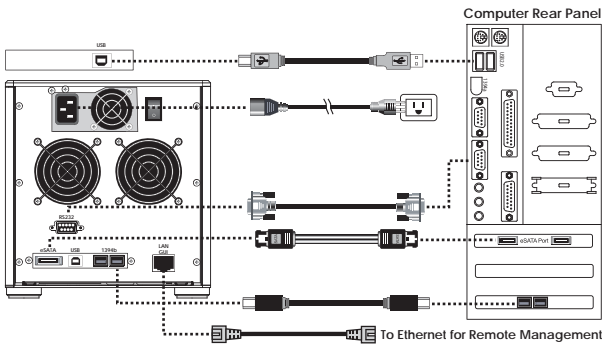
⚠ Please make sure Channel Setting is set to Channel 1 or Channel 0+1 once Volume Set has been created. USB 2.0, 1394b and eSATA connections utilize Channel 1 setting.

Quick Volume / RAID Setup

Quick Volume and RAID Setup are the fastest ways to prepare a RAID set and volume set. You only need a few simple keystrokes to complete. Although disk drives of different capacities may be used in the RAID set, the MR5S1/ MR5CT1 will use the smallest capacity of the disk drive as the capacity of all disk drives in the RAID set.

The Quick Volume and RAID Setup option creates a RAID set with the following properties :
1. All of the physical disk drives are contained in a RAID set.
2. The RAID levels associated with hot spare, capacity, and stripe size are selected during the configuration process.
3. A single volume set is created and consumes all or a portion of the disk capacity available in this RAID set.

(Please See the Diagram on Next Page)

Power On → MR5CT1 Ready → (Enter) → Password (Note.1) → Quick Volume and RAID Set Setup

Total X Disks
RAID 0
RAID 1
RAID 0+1
RAID 1+Spare
RAID 0+1+Spare
RAID 3
RAID 3+Spare
RAID 5
RAID 5+Spare
RAID 6
RAID 6+Spare (Note.2)

Total : xxx GB Select : xxx GB

Stripe Size 64k Bytes (Note.3)

(ENT)SEL : To Create (ESC)EXIT : To Abort

(ENT)SEL : FGrnd Init (ESC)EXIT : BGrnd Init

Volume Set # 00 Initialize100.0%

⚠ The MR5S1/MR5CT1 does not set a default RAID level, please set your desired RAID level after the device boots up. When setting the RAID level, please make sure that all hard disks inside the unit display a

Note 1: Password:0000
Note 2: The number of physical drives in a specific RAID set determines the RAID levels that can be implemented with the RAID set.

	RAID 0	RAID 1	RAID 1 +Spare	RAID 3	RAID 3 +Spare	RAID 5	RAID 5 +Spare	RAID 6	RAID 6 +Spare
Minimum # of Physical Drives Required Per RAID Set	1 or more	2 or more	3 or more	3 or more	4 or more	3 or more	4 or more	4 or more	5 or more

Note 3: Stripe size default is 64k, it can adjust to 4k or 128k mode under stripe size.
Note 4: Please refer to the enclosed CD for the detail user's manual.
Note 6: For Remote Management the IP address will be displayed in the LCD Display located on the front of the unit. The default use name & default password is:
Note 6: For Remote Management the IP address will be displayed in the LCD Display located on the front of the unit. The default use name & default password is:

User Name: admin   Password: 0000

Other Sans Digital Products

MS1UT
• 3.5" Hard Drive Enclosure with Removable Tray
• Dual host interface: USB 2.0 and eSATA.
• Supports High Performance SATA hard drives.
• Ultra quiet operation.
• Vertical placement stand included.
• Durable aluminum housing.
• Supports both Windows and Mac OS X.

MS2UT+/MS2UTN+
• 2-Bay External RAID Enclosure
• Hardware RAID design, supporting RAID 0, 1, JBOD, BID, SAFE33, and SAFE55, with eSATA and USB 2.0 interfaces.
• Drive Interface: 3.5" x 2 SATA I/ SATA II hard drives.
• Hot-swappable removable tray.
• Data auto-rebuilding.
• Hard drive, fan and temperature failure detectors.

MS4B/MS4T/MS4UM
• 4-Bay External RAID Enclosure
• Support JBOD for independent access up to four hard drives.
• 1394b x 2 (MS4B), eSATA x 4 (MS4T), USB 2.0 & Port Multiplier (MS4UM).
• Drive interface: 4 x 3.5" SATA I/ SATA II hard drives.
• RAID supported in MS4B (RAID 0) and MS4UM (software RAID 0, 1, 0+1, 5, 5 + spare in Windows).
• OS independent with plug and play capability.

MR5S1/MR5CT1
• 5-Bay External RAID 6 Enclosure
• Hardware RAID design, supports RAID 0, 1, 0+1, 3, 5, 6, JBOD & hot spare disk.
• SCSI Ultra 320 (MR5S1)/ USB 2.0, Firewire 800 and eSATA (MR5CT1).
• Drive interface: 5 x 3.5" SATA I / SATA II hard drives.
• Hot-swappable tray design.
• Hard disk, fan and temperature failure detectors.

T: 1.800.980.1988 F: 1.562.949.3328 E: INFO@SANSDIGITAL.COM W: WWW.SANSDIGITAL.COM