READYNAS 600 version B

Getting Started
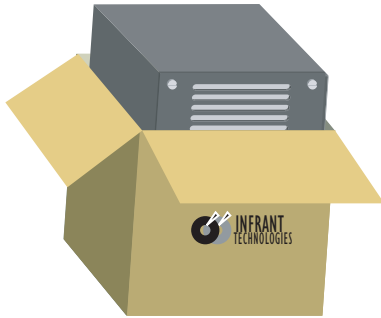### Important setup information and guide to ReadyNAS documentation

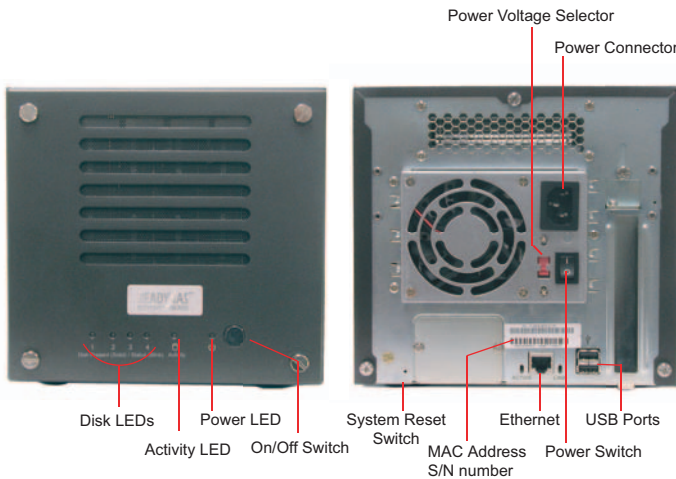## 1 Unpack and Check ReadyNAS 600 Contents

Contents
- ReadyNAS 600 Appliance
- ReadyNAS 600 Getting Started
- ReadyNAS 600 Disk Installation Guide
- ReadyNAS Installation CD
- AC Power Cable
- Ethernet Cable
- Warranty Card

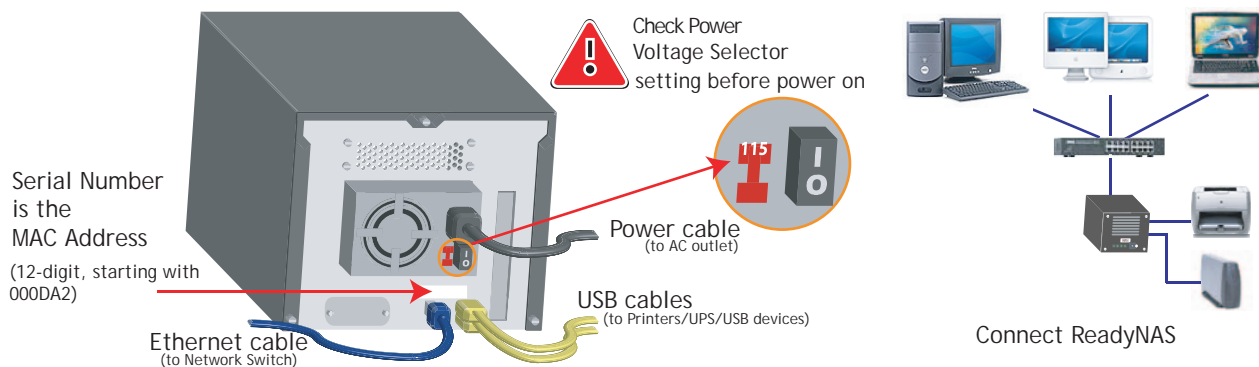If you purchased a diskless ReadyNAS, please see the Disk Installation Guide before continuing to Step 2

About ReadyNAS 600 (version B)

Power Voltage Selector
Power Connector

Disk LEDs   Power LED   System Reset Switch   Ethernet   USB Ports
Activity LED   On/Off Switch   MAC Address S/N number   Power Switch

- **On/Off Switch** - Press once to turn on when device is off. Make sure the power switch on the back is turned on. Press for 5 seconds to gracefully shutdown device. Always use the On/Off swith to turn off system when possible to avoid data loss.
- **Power LED** - Blinks slowly, about once every second, during boot. LED becomes solid when the system is ready.
- **Activity LED** - Blinks green for disk access activity.
- **Disk LEDs** - Solid green for normal disk online, blinks once per second for disk failure. Fast blink (about 3 times per second) for RAID synchronization.
- **Power Switch** - Controls AC power to the ReadyNAS. Use the On/Off Switch in the front to turn system off gracefully to avoid data loss.
- **Power Connector** - When the Power Swith is in the On position, attaching the power cable will automatically turn on the ReadyNAS. This enables the ReadyNAS to boot up in the event that power returns after a power failure.
- **MAC Address** - The MAC address assigned to the Ethernet interface. Use the MAC address (12-digit, 000D-A2xx-xxxx) to identify this system in RAIDar listing.
- **Ethernet Port** - Auto-switching 10/100/1000. Use a CAT-5 network cable to connect to your network.
- **USB Ports** - The ReadyNAS supports USB printers, UPS, wireless network adapters, and USB disks.
- **System Reset Switch** - Depressing this switch for 30 seconds while powering up the system will set the system back to factory default state. See " System Reset Switch" chapter in ReadyNAS User Guide for details.

2 Connect ReadyNAS and Power On

Check Power Voltage Selector setting before power on

Serial Number is the MAC Address
(12-digit, starting with 000DA2)

Power cable
(to AC outlet)

USB cables
(to Printers/UPS/USB devices)

Ethernet cable
(to Network Switch)

Connect ReadyNAS

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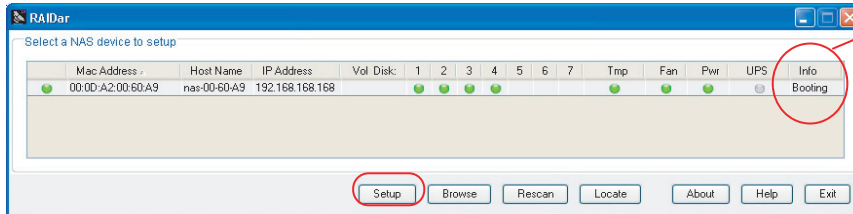
3 Install RAIDar and Setup ReadyNAS

ReadyNAS Installation CD Contents

- Setup.exe
- ReadyNAS Quick Installation Guide
- ReadyNAS User Guide
- End-users License Agreement
- Backup Software - GBM Pro Network

Install and start RAIDar. Follow instructions in ReadyNAS Quick Installation Guide on the CD.

If you purchased a complete ReadyNAS system with pre-installed disks, you will see the ReadyNAS system in the RAIDar scan list, and you can click **Setup** to start the Setup Wizard. Login using user name admin and password infrant1.
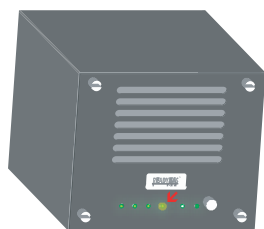

The **Info** column displays boot and installation status, or the OS version when ReadyNAS is ready to use.

If you purchased a diskless ReadyNAS, you will need to install disks and wait until the system building is finished before using. The Installation can take up to 40 minutes, depending on disk capacity, before you can access the ReadyNAS Setup Wizard. It will take an additional 2 to 5 hours before the RAID synchronization is completed and the system is fully redundant for use. During the background RAID sync, access to the ReadyNAS will be slower than normal. The **Info** column in RAIDar will display the current installation task or error if a problem is detected. Refer to the chart as follows for the expected LED blinking during installation.
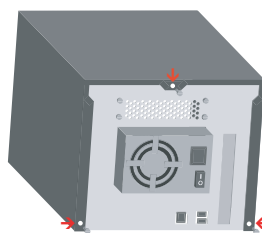
LED Legend during Installation		
Time (HH:MM:SS)	○ ○ ○ ○ ○ ○ 1 2 3 4 🗌 ⏻	
00:00:00	○ ○ ○ ○ ○ ✳	
00:02:00	○ ○ ○ ○ ✳ ✳ ● ● ● ✳ ✳ ✳	Installing OS, creating volume. Booting.
00:40:00	● ● ● ✳ ✳ ●	OS finishes installation. Performing the RAID synchronization. ReadyNAS is accessible.
05:00:00	● ● ● ● ○ ●	Disks have completed initialization and RAID synchronization. System is now fully redundant
Error *	✳ ✳ ✳ ✳ ○ ✳ ○ ✳ ○ ○ ○ ✳	No disks detected if all disk LEDs flash once, and disk #2 LED flashes once, repeatedly.
Error *	● ● ✳ ● ○ ●	Bad disk detected if one disk LED flashes once perscond. The disk corresponding to this LED is bad.

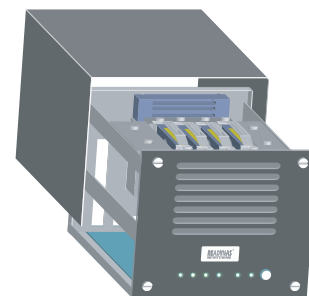* Note that installation will abort on any error detected.
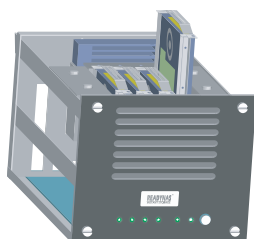
+ Replacing a Failed Disk

Disk LED blinks for failed disk.

Power off and remove 3 screws in back.

Remove top cover to access drive cage.

Replace failed disk, re-assemble, and power on.