Synology®

DiskStation
DS111

Quick Installation Guide

SAFETY INSTRUCTIONS

Please read these safety instructions carefully before use, and keep this manual in a safe place for your future reference.

Keep away from direct sunlight and away from chemicals. Make sure the environment does not experience abrupt changes in temperature or humidity.	Do keep Synology product upright. Do not lay it down horizontally.	Do not place the Synology product close to any liquid.
Before cleaning, unplug the power cord first. Wipe Synology product with damp paper towels. Do not use chemical or aerosol cleaners to clean it.	Do not place the Synology product on a cart, table, or desk, which is not stable to avoid the product from falling over.	The power cord must plug in to the right supply voltage. Make sure that the supplied AC voltage is correct and stable.

PACKAGE CONTENTS

Before you begin, please check the package contents to verify that you have received the items below.

Main Unit X 1	Installation CD	AC power adapter
2M RJ-45 LAN cable	AC power cord	
Assembling Kit			
Screws for fixing Hard Disk X 6 (2 spares)	Screws for fixing the Synology Case X 3 (1 spare)		

DISKSTATION AT A GLANCE
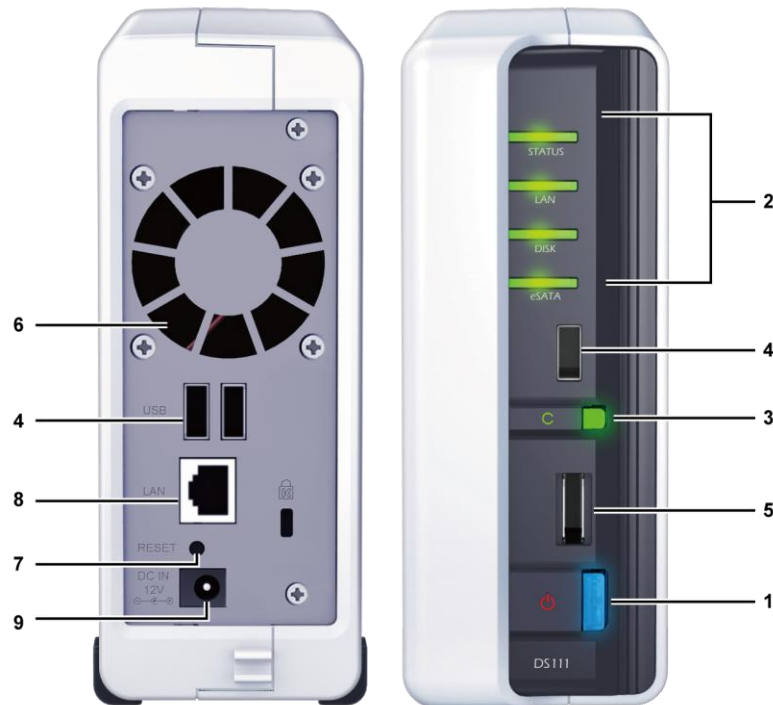
No.	Article Name	Location	Description
1)	Power Button	Front Panel	The power button is used to turn Synology DiskStation on or off. To turn off Synology DiskStation, press The power button and hold it until you hear a beep sound and the Power LED starts blinking.
2)	LED Indicators	Front Panel	The LED indicator is used to display the status of the internal disk and the system. For more information, see "LED INDICATION TABLE" at the end of this document.
3)	Copy Button	Front Panel	The Copy button lights up when you connect a USB device (for example: digital camera, USB flash disk) to the USB port on the front panel. Pressing the button will copy the data from the connected USB device to Synology DiskStation's internal HDD.
4)	USB Port	Front & Back Panel	The Synology DiskStation offers USB ports for adding additional external hard drives, USB printers, or other USB devices.
5)	eSATA Port	Front Panel	The eSATA port is for connecting with an external SATA HDD.
6)	Fan	Back Panel	The fan is built to exhaust waste heat out of Synology DiskStation. It will start automatically when the server starts. If the fan is malfunctioning, the system will play beep sounds.
7)	RESET Button	Back Panel	1.To restore IP, DNS, passwords for the admin account to default value. 2.To reinstall the Synology DiskStation.
8)	LAN Port	Back Panel	The LAN port is where you connect RJ-45 cable to Synology DiskStation.

No.	Article Name	Location	Description
9)	Power Port	Back Panel	The power port is where you connect the AC adapter to Synology DiskStation.

INSTALL HARD DISK

Disk Station requires one 3.5" SATA hard disk for installation. Refer to the following steps for details:

> **Warning!** If you use a hard disk with data on it to install, system will format the hard disk and erase all data in some cases. Please back up the data if you need it in the future.

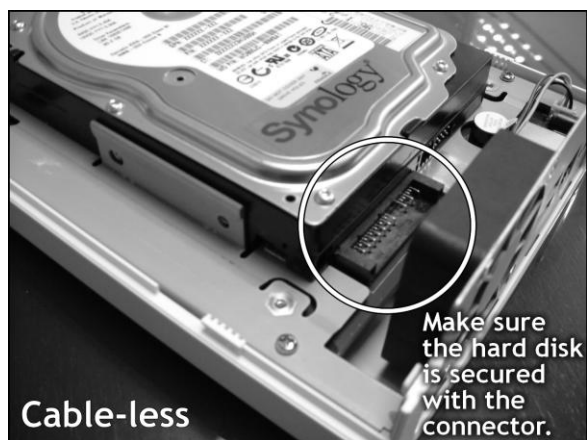1. Place the server horizontally on a desk. The rear panel should be facing you.

2. Push to slide away the upper case.

3. Pull up the upper case.

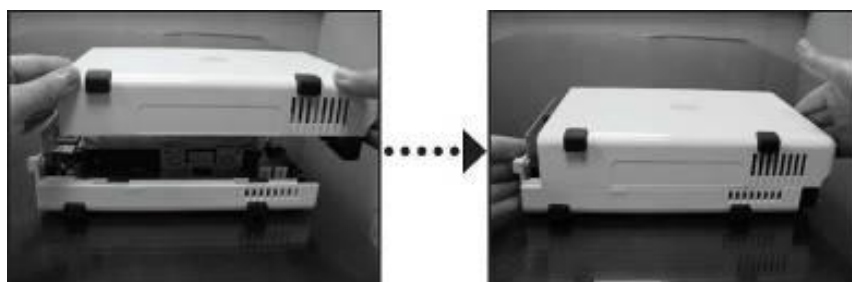4. Place the hard disk inside the HDD bay.

Cable-less

Make sure the hard disk is secured with the connector.

5. Fix the hard disk with the 4 HDD screws provided.

6. Attach the upper case and slide it back.

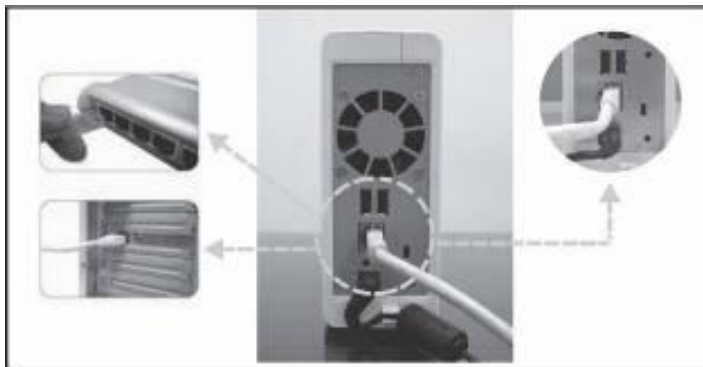7. Fix the case with the 2 case screws provided.

TURN ON SERVER

1. Connect the AC power adapter to the server and plug in the AC power cord to the power outlet.

2. Use the LAN cable to connect the server to your switch/router/hub.

3. Press The power button on the front panel to power up the server. Wait for the POWER LED to be constant blue.
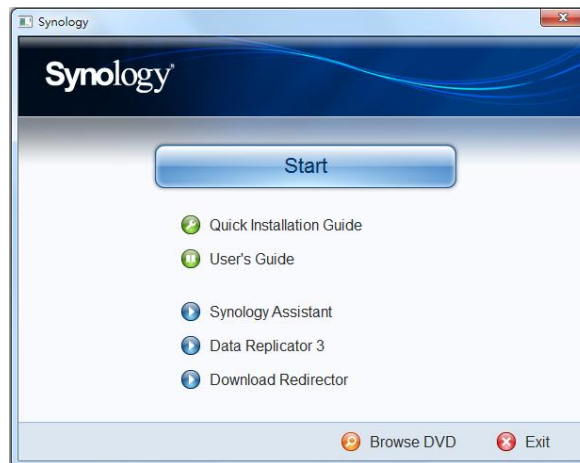
INSTALL SYSTEM SOFTWARE

Windows User

1. Insert the installation CD to your computer.

2. Choose Start on the autorun menu.

3. Follow the on-screen instructions to complete the setup process.

Note: If you choose One-Click Setup, the admin password will be blank.

Mac User

1. Insert the installation CD to your computer.

2. Double click on the CD-Rom Drive thumbnail.

SynologyInstall

3. Double click MacOSX.

4. Double click SYNOLOGY-Assistant.dmg.
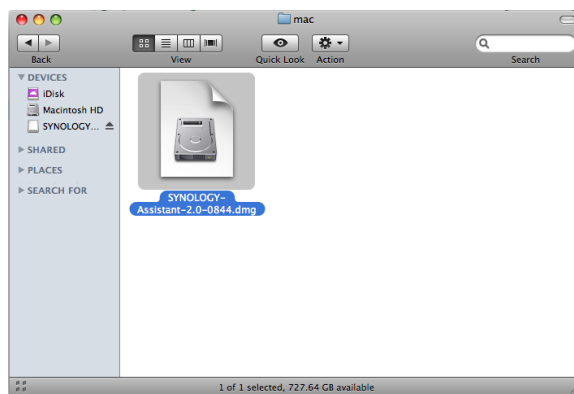
5. Double click on the automatically generated thumbnail SYNOLOGY-Assistant.dmg on the desktop.

SYNOLOGY-
Assistant-2.0-0844

6. Double click Synology Assistant to run the Setup Wizard.

7. Click Browse to select the ".pat" installation file in the installation CD.
8. Follow the on-screen instructions to complete the setup process.

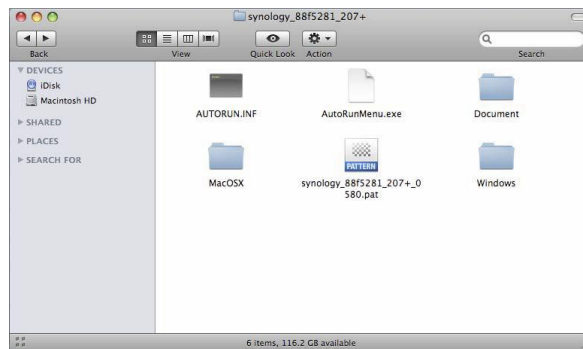Note: If you choose One-Click Setup, the admin password will be blank.

CONGRATULATIONS!

Server has been set up. Refer to the User's Guide in the installation CD for advanced settings and management. For more information or online resources, please visit http://www.synology.com.

SYNOLOGY DISKSTATION

SPECIFICATIONS

Item	DS111
Internal HDD	3.5 SATA (II) x 1
Max. Capacity	3TB
Hot Swappable HDD	No
External HDD Interface	USB x 3 eSATA x 1
LAN Port	Gigabit x 1
Copy	Yes
Size (HxWxD) (mm)	160 x 63 x 218
Weight (Kg)	0.81
Supported Clients	・Windows 2000 onward ・Mac OS X 10.3 onward ・Ubuntu 9.04 onward
Max. User Accounts	2048
Max. Group Accounts	256
Max. Shared Folder	256
Max. Concurrent Connections	128
Max. Supported IP Cameras	8
File System	・EXT4 ・EXT3 ・FAT (External Disk, Read/Write) ・NTFS (External Disk, Read/Write)
Volume Type	・Basic
Agency Certifications	・FCC Class B ・CE Class B ・BSMI Class B
HDD Hibernation	Yes
Scheduled Power On/Off	Yes
Wake on LAN	No
Language Localization	・English ・Deutsch ・Français ・Italiano ・Español ・Dansk ・Norsk ・Svensk ・Nederlands ・Русский ・Polski ・Magyar ・Português do Brasil ・Português Europeu ・Türkçe ・Český ・日本語・한국어・繁體中文・简体中文

Item	DS111
Power Consumption And Environment Requirements	・Line voltage: 100V to 240V AC ・Frequency: 50/60Hz ・Operating Temperature: 40 to 95˚F (5 to 35˚C) ・Storage Temperature: 15 to 155˚F (-10 to 70˚C) ・Relative Humidity: 5% to 95% RH ・Maximum Operating Altitude: 10000 feet (3048m)

LED INDICATION TABLE

LED Indication	Color	Status	Description
STATUS	Green	Static	Volume normal
		Off	HDD Hibernation
	Orange	Static	Available volume space < 1GB
			Available volume space < 1 %
		Blinking	Volume degraded or crashed
			No volume
LAN	Green	Static	Gigabit Link
		Blinking	Network is active
		Off	Network is down
DISK / eSATA	Green	Blinking	Disk is being accessed
		Off	Disk is normal
Copy	Green	Static	USB disk detected
		Blinking	Copying data
		Off	No USB disk attached
Power	Blue	Static	Power ready
		Blinking	Booting up
			Shutting down
		Off	Power off