

Getting started

WELCOME

..to your new B3! This getting-started-guide will take you through installation and usage, and show how you can use the features to simplify your life.

IMPORTANT TO KNOW

Always turn your B3 off using the back side button. Never remove power when B3 is active as there is a remote risk that it will damage your the hard drive.

Keep the back side button pressed for about 5 seconds. Release the button and wait (approximately 20 seconds) until the front lamp is turned off. It's now safe to remove the power.

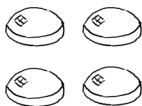


CONSIDER THE ENVIRONMENT: THERE IS A PRINTED COPY IN
B3'S BOX. PERHAPS YOU DON'T NEED THE EXTRA COPY?

BOX CONTENTS



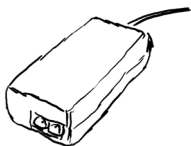
B3



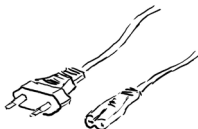
Rubber feet



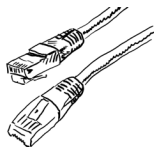
This guide



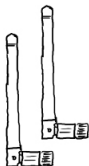
Power brick



Mains cable (your country standard)



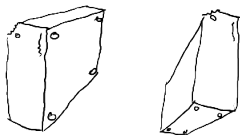
Network cable



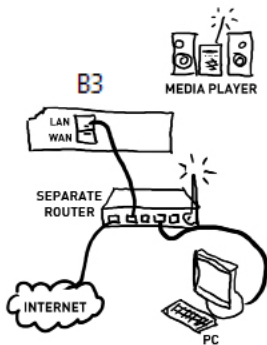
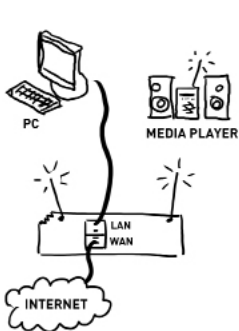
2 pcs. WiFi antennas
(not all models)

GETTING STARTED

1. Decide whether you want B3 to be lying down or standing upright. Assemble the rubber feet accordingly



2. Use the enclosed network cable and connect it between B3's LAN port and your network, either directly to your computer or to a switch or router. Also connect B3's WAN port to your internet connection or modem. Some connection examples:



3. Connect the power brick, first to B3, then to a wall outlet
4. After about 1 minute when the blue lamp on B3's front is constantly lit B3 is powered up.
5. Start an internet browser on your computer and type b3 in the address field. If you are using MAC or Linux type b3.local instead
6. A dialog where you are prompted for password will pop up. Log on using the password admin
7. Follow the setup wizard. It is recommended to create a user for every person who will use B3

Your B3 is now ready for use!

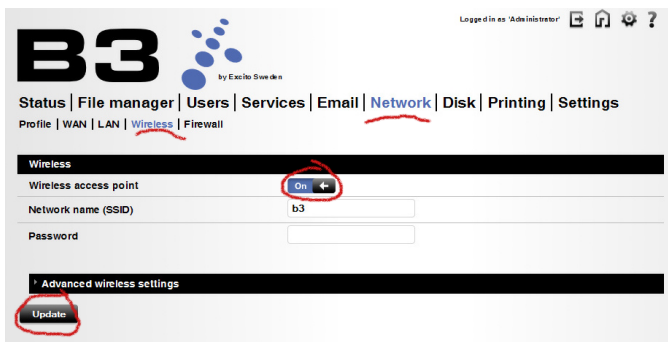


**EASY
TO USE**

USING B3 TO CREATE A WIRELESS NETWORK

B3's wireless network is by default turned off. To turn it on:

1. Browse to B3 in a web browser
2. Click System settings
3. Type admin as password
4. Turn on WiFi and enter network name and password of your choice



The screenshot shows the B3 web interface. At the top, it says "B3 by Espressif Systems". The navigation bar includes links for Status, File manager, Users, Services, Email, Network, Disk, Printing, and Settings. Below this, there are links for Profile, WAN, LAN, Wireless, and Firewall. The main content area is titled "Wireless" and contains the following fields:

- Wireless access point: A dropdown menu with "On" selected and a red circle around it.
- Network name (SSID): A text input field containing "b3".
- Password: An empty text input field.

Below these fields is a section titled "Advanced wireless settings" with an "Update" button circled in red.

NOTE: B3 CAN ALSO BE PURCHASED WITHOUT WIFI



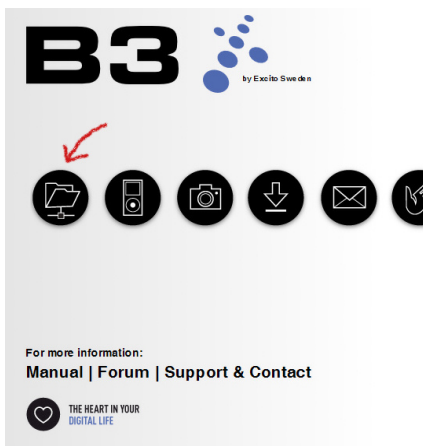
STORING FILES ON B3

There are many ways to save and read files on B3. Some of the possibilities are presented here:

THE WEB FILE MANAGER

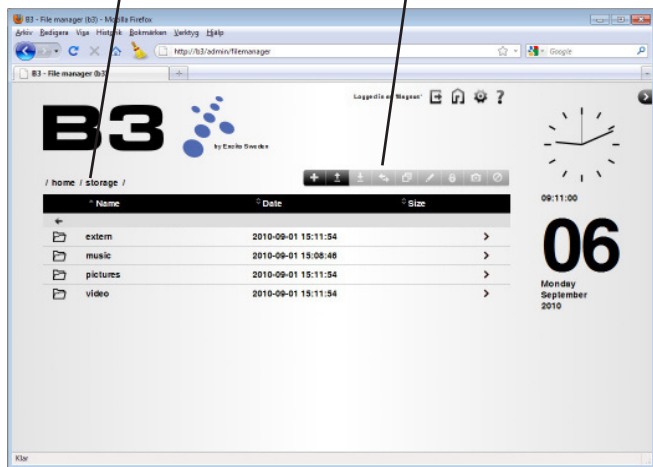
This file manager can be reached wherever you are in the world. If you are on your local network (the same network as B3) - browse to B3 in a web browser. If you are anywhere else, use your EasyFind name (choose under Settings - Identity).

The web file manager is started by clicking the icon File manager. Log on as a regular user (not admin).



Current path

Function icons



- Double click a folder to open it
- Double click a file to open it
- Mark several files by using CTRL or SHIFT on the keyboard and click the files
- Sort the file list by clicking the icons next to Name, Date and Size.
- Use the function icon bar to do the following:

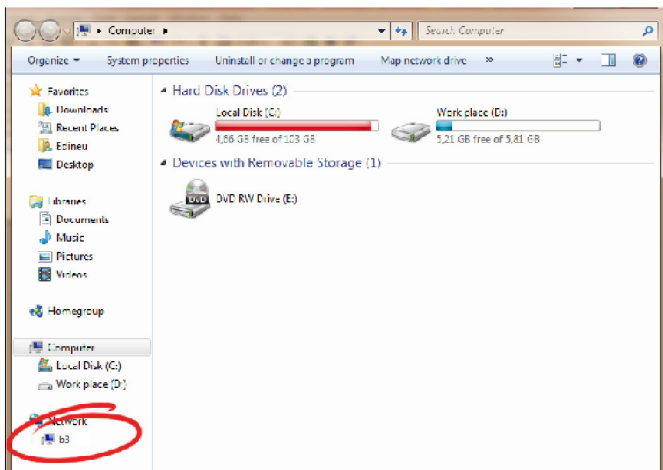




WINDOWS EXPLORER, MAC FINDER AND LINUX FILE BROWSER

This is a way to reach your files in an easy way. It is required that you are on the same local network as B3.

- In Windows - go to windows explorer (also called Computer or This computer). Click Network and then B3.



- On MAC - start Finder. B3 will automatically show up in the list to the left.
- On Linux - go to File Browser, Nautilus or similar. B3 will automatically show up as a network unit.



LISTENING TO MUSIC WITH B3

B3 can store and deliver music to several players, even your web browser!

STORING MUSIC ON B3

For B3 to be able to publish your music to the different services you have to store the music under storage/music. Use any of the ways described in the previous chapter to do this.

LISTENING TO THE MUSIC USING YOUR WEB BROWSER

This feature works even if you are outside of your local network - hence it is possible to listen to your personal music collection from work. Click the music icon on the start page. All music added under storage/music is displayed, ready to enjoy!

LISTENING TO THE MUSIC IN YOUR PLAYBACK DEVICE

B3 automatically publishes the music using three different ways in your local network - UPnP, DAAP and Squeezebox Server. This makes almost all available music players to work with B3. You don't have to do anything more than connecting your music player to make it work, it detects B3 and your music automatically. Please note that Squeezebox Server is disabled by default. Go to System settings > Services to enable it.

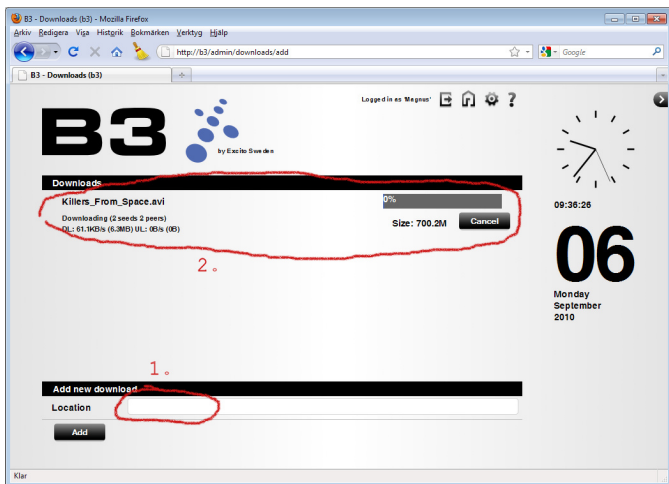
EXAMPLES OF SUPPORTED MUSIC PLAYERS:
SQUEEZEBOX (ALL MODELS), SOUNDBRIDGE, XBOX 360, PS3 ETC.



USING B3 TO DOWNLOAD LARGE FILES

B3 can help you to download large files, so you don't have to leave your computer on more than necessary. Click the download icon on the front page and log on using your user name and password.

1. Paste the link to the file in the text field
2. The download starts automatically



The download manager supports http (web), ftp and torrent files.

YOU CAN ALSO START TORRENT DOWNLOADS BY SAVING THE TORRENT FILE IN **/HOME/<YOUR USER>/TORRENTS**



CREATING PHOTO ALBUMS USING B3

Create a photo album to share with family and friends with a few clicks. Please follow these steps:

1. Store your photos in storage/pictures
2. Go to the photo album - click the icon Photos on the first page
3. Log in with a B3 user (not administrator)
4. Click the wrench icon to enter 'Manage mode'
5. Click the icon 'Create album' to start the album wizard
 - Set an album name and description.
 - Set the user access rights for the album, public or private.
 - Click 'Manage users' to add album users for private albums. B3 users may also log in and watch albums.
 - Finally add pictures / folders with pictures.
6. Click the wrench icon again to exit 'Manage mode'
7. Now you see all albums you have access rights to, ready to be enjoyed!

NOTE THAT YOU CAN REACH B3 (AND THE ALBUMS) USING
YOUR EASYFIND NAME WHEREVER YOU ARE

Choose your Easyfind name under Settings - Identity



BACKUP IMPORTANT DATA

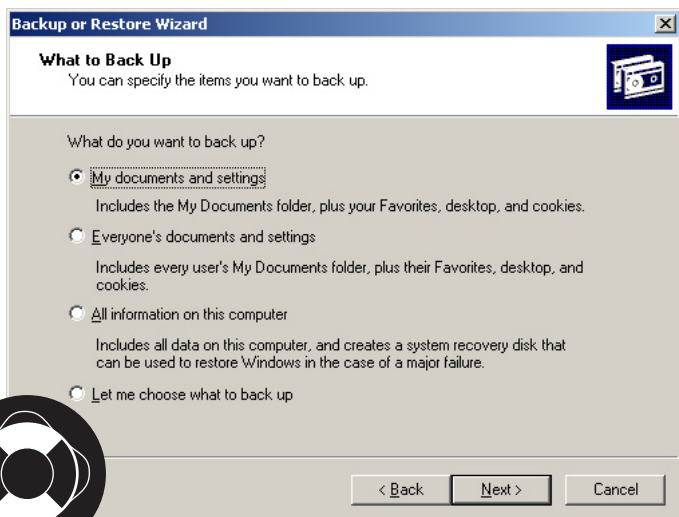
We recommend that you always keep at least one extra copy of your important data. B3 has several features that can help you with this.

BACKUP DATA FROM YOUR PC TO B3

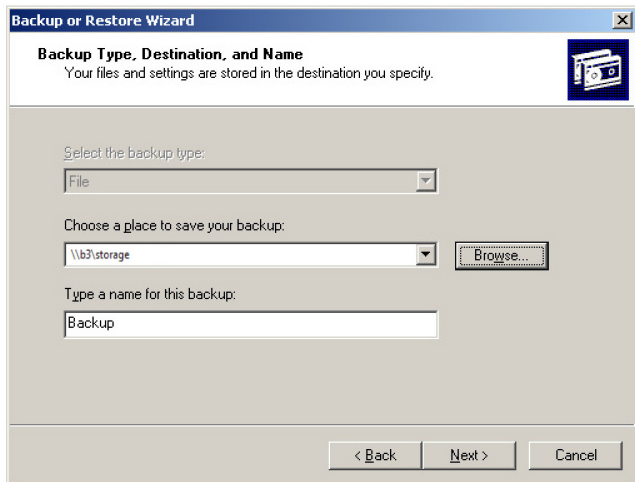
There are several ways to do this. Easiest is to use your computers built-in features for backup:

Windows XP Pro:

1. Go to Start > Programs > Accessories > System Tools > Backup. Walk through the guide and select what you need to backup:



2. As destination, choose your B3:



3. Complete the guide. If you want to schedule this backup to make it run automatically at certain times, do so by selecting Start > Programs > Accessories > System Tools > Scheduled Tasks, and add an event.

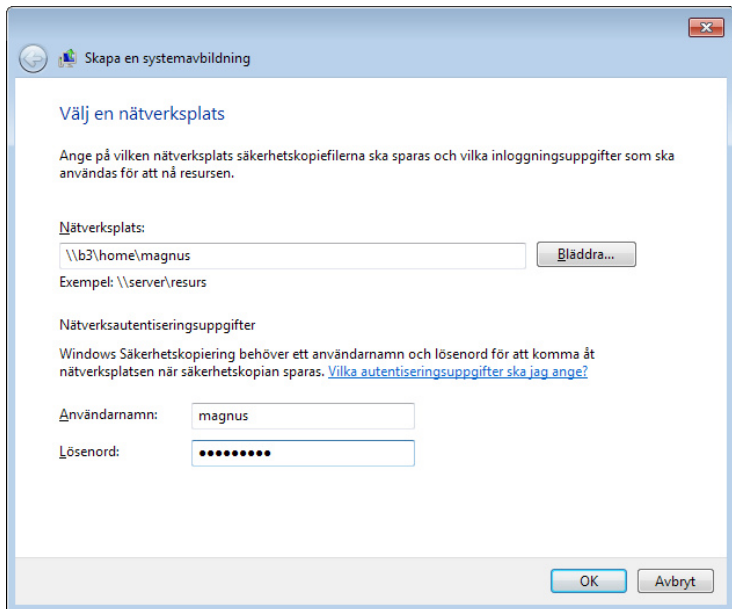
To restore your files, choose Restore instead of Backup in the above guide.



Windows Vista and Windows 7:

This works almost the same, except that scheduling now is included in the same guide.

1. Go to Start > Control Panel > Backup and Restore. Complete the guide similarly, choose Save to Network and set B3 as target:



The screenshot shows a Windows Vista/7 backup wizard window titled "Skapa en systemavbildning". The current step is "Välj en nätverksplats" (Choose a network location). The instructions state: "Ange på vilken nätverksplats säkerhetskopiefiler ska sparas och vilka inloggningsuppgifter som ska användas för att nå resursen." (Specify where backup files should be saved and which login information should be used to reach the resource.)

Under "Nätverksplats:" (Network location), the text box contains "\\b3\home\magnus" and there is a "Bläddra..." (Browse...) button. Below this, an example is given: "Exempel: \\server\resurs".

Under "Nätverksautentiseringsuppgifter" (Network authentication information), the instructions state: "Windows Säkerhetskopiering behöver ett användarnamn och lösenord för att komma åt nätverksplatsen när säkerhetskopien sparas. [Vilka autentiseringsuppgifter ska jag ange?](#)" (Windows Backup needs a username and password to reach the network location when the backup is saved. [Which authentication information should I enter?](#))

There are two input fields: "Användarnamn:" (Username) with the text "magnus", and "Lösenord:" (Password) with masked characters (dots).

At the bottom right, there are "OK" and "Avbryt" (Cancel) buttons.



BACKUP DATA FROM B3 TO AN EXTERNAL DEVICE

B3 also has an embedded backup feature to back up data stored on B3 to an external device. This device can be:

- a USB-disk, connected to B3
- Bubba Storage, connected to B3
- an SSH-server, anywhere on the Internet (for example another B3)
- an FTP-server, anywhere on the internet

Follow these steps:

1. From B3's start page, click the gear wheel (Administration) in the top right. Log on using the password admin.
2. Click File Manager > Backup
3. In the empty field, enter a name for your backup job, for example Mail. Click Create Job.
4. Under Included directories, choose what you want to include in the backup, for example your user/Mail. Click browse and select.
5. Under Target settings, choose settings for the target device. For example USB/E-SATA disk.
6. Click Backup schedule and choose how often you need the backup to run.
7. Choose whether you wish your target data to be encrypted under Data security. In that case, be careful not to lose the password!
8. Click Save settings when finished!

THIS FEATURE SAVES YOUR DATA IN A TIME LINE MANNER -
WHEN YOU NEED TO RESTORE YOUR BACKUP YOU CAN CHOOSE
AT WHAT BACKUP POINT TO FETCH THE DATA FROM.



CREATE A RAID SYSTEM

Except for the backup features you can create a RAID system with B3. RAID is a way to mirror the hard drive data towards another hard drive - Bubba Storage - for increased data security. Before deciding to do this, please note the following:

RAID only protects against disk crashes. It does not protect your data against theft, viruses, unintentional erasing, flooding etc. We therefore recommend that you combine RAID with a backup solution.

Do like this:

1. Connect your Bubba Storage via eSATA.
2. From the start page, click the gear wheel (Administration).
3. Click Disk > RAID
4. Click Create RAID array and follow the instructions.
Note that this may take several hours to complete.



...AND MUCH MUCH MORE...

You should now master the most important features of your B3. To learn more, for instance how to:

- Watch film and photos from B3,
- use the email and calendar features,
- use B3 as printer server,
- use the FTP server,
- expand your storage,
- use B3 as a web server,
- install more features,
- exchange or re-install the hard drive,
- open ports in the firewall,
- or tamper with the network settings...

..we kindly ask you to read the full users manual, available at www.excito.com, click support.

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Version 2, June 1991

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