

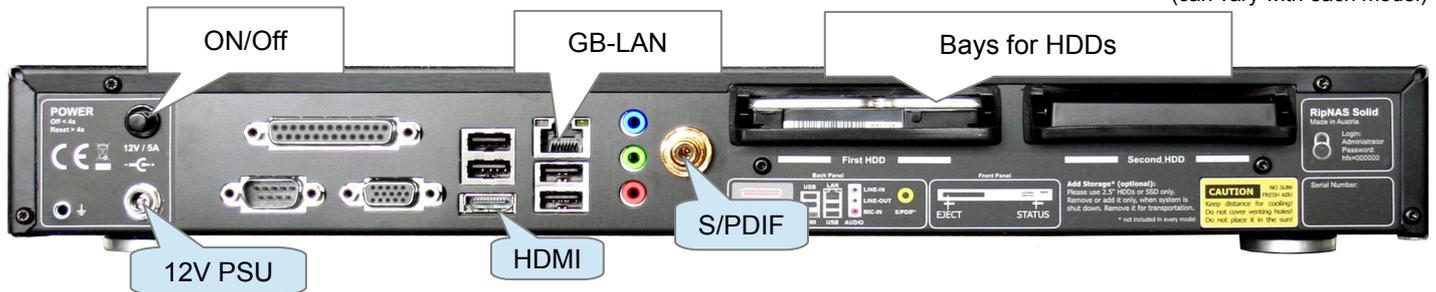
1 First Steps with the RipNAS

Login: Administrator
Password: hfx=000000

A – Setup of the RipNAS

- >> Do not put the device into direct sun
- >> Do not put the device in a closed closet without ventilation
- >> You need min 5cm distance to all directions to ensure a sufficient ventilation
- >> Remove the protective foil from the venting holes before you use the RipNAS the first time
- >> Please ensure, that the CD drive can open freely

Back Panel
(can vary with each model)

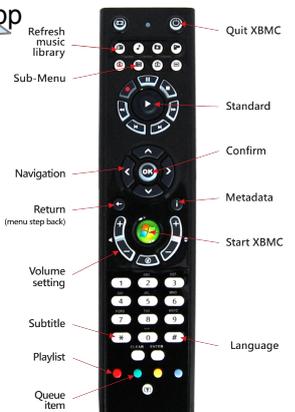


Connect the RipNAS with the external PSU and the network with the LAN cable (with your Router).

B - Use of the RipNAS



Use as Player
With remote control or App



Front Panel
(can vary with each model)

Remote Control
(if part of the delivery contents)

C - Backup of Music

Connect external HDDs with USB. The automatic USB-Backup Tool copies overnight all data to the connected USB-HDD. The copy on the USB drive is a 1:1 copy, so that you can connect the USB drive also to other computers or laptops with full access to you music collection.

+++ Please ensure, that you backup your data regularly.
The manufacturer is not liable for any data loss +++

D- Adding more hard drives (RipNAS Solid)

On the back panel of the RipNAS Solid are 2 bays for adding 2.5" SATA drives.

1) push the hard drive into the bay until you feel a click

2) Login on the RipNAS:
 Login: Administrator
 Password: hfx=000000

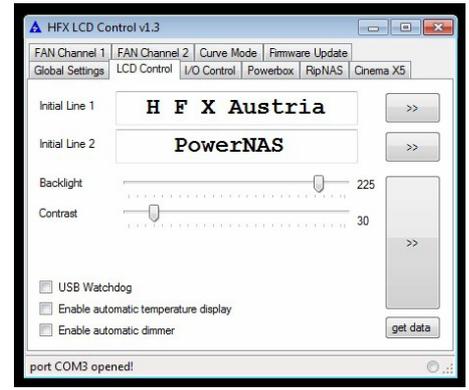
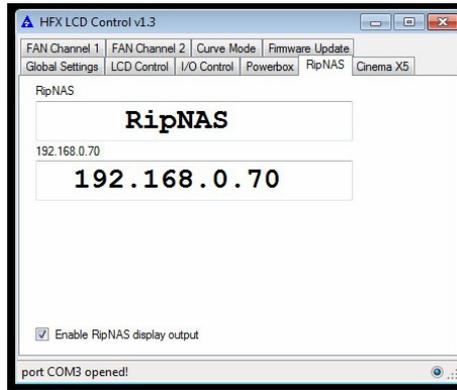
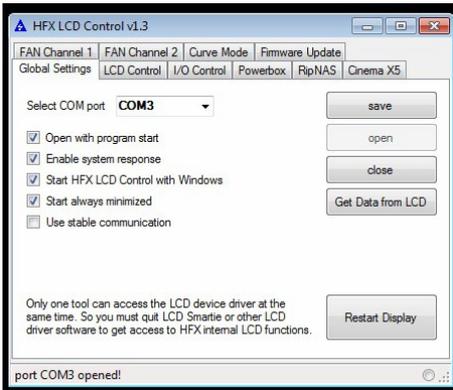
3) Add the new hard drive to the drive pool



E – Configure the status display

On the status display you can adjust brightness, contrast and the welcome text. To do this, please connect with the RipNAS:

- 1) Login on the RipNAS (with VNC or Browser, Not! with Remote Desktop)
- 2) Open the HFX LCD-Tool and configure the LCD according to your needs.



F - Passwords, Links and Ports

You can connect with the RipNAS directly with mouse and keyboard (connectors are on the back panel of the RipNAS) or via the home network or also via the internet.

direct access with mouse / keyboard	login: Administrator	password: hfx=000000
Internet (Router need to be configured!)	http://your-ip-address:80	no password
Home Network	http://ripnas:80 (Remote Web Access)	Needs to be activated with password
Logitech	http://ripnas:9000	no password
XBMC	http://ripnas:8080	no password
VNC	http://ripnas:5800	password: ripnas
Install WHS Console	http://ripnas:65510/connect	no password

G - XBMC Player

Attention! If you connect via the Browser (VNC), then you might see a black window. Press Alt+F4 to close the window.

Connect the RipNAS to your Hifi equipment with the analog output, S/PDIF, HDMI or with USB to a Highend-USB-DAC.

XBMC will be started automatically with each start of the RipNAS. You can also push the big green button on the remote to start XBMC.

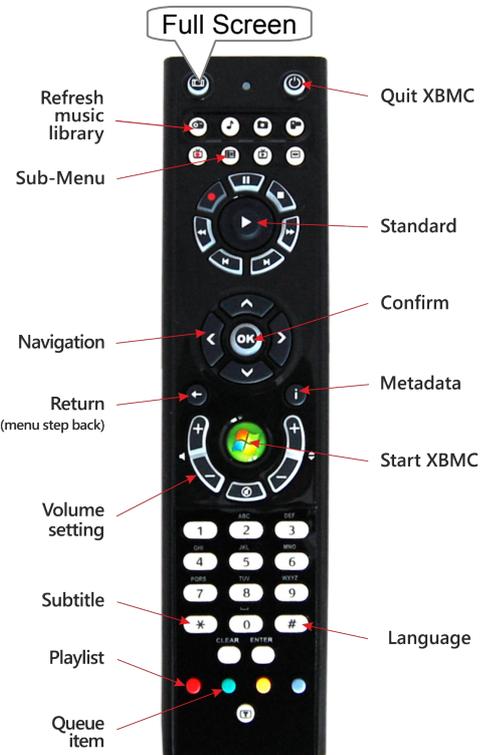
For Full-Screen please press CTRL-Enter!

You can use the remote control or an iPad or Android to control your RipNAS. You can see on the connected TV all albums with cover, create favorite play lists or search for artists or titles or genre.

If you have added new music to the RipNAS, then the XBMC library needs to be updated. The library will be updated with each start of the RipNAS, but you can do this also with the „Refresh Music Lib“ button.

Sub menus and meta data can be retrieved by pushing the i-button or navigation to the left of the display. XBMC music path is set to the RipNAS music path. If you reinstall XBMC, you have to set the path again.

In the menue „**system**“ you can find more options for audio and video. Here you can also find the IP address, which is necessary for the XBMC apps.



2 RipNAS Instructions

RipNAS combines and perfects audio CD ripping, Network Attached Storage and Media Streaming in one easy to use device. Audio CDs are ripped to a lossless audio format (lossy optional for mobile devices) stored securely through an internal backup solution. RipNAS supports ripping to and streaming of HD Audio, FLAC, Apple Lossless, WAV, AIFF, WMA Lossless and many other formats.

Audio tracks are shared for streaming through the network to a multitude of available audio players. The following audio streaming services are built into RipNAS:

- Asset UPnP (DLNA) – an open standard, supports lots of devices, such as the Linn DS range
- Logitech Media Server – all Logitech Squeezeboxes and the Logitech Transporter
- Network shares – supported among others by the popular Sonos range

Delivery Content

The delivery content can vary with each model. The general delivery content includes the RipNAS device, an external PSU, a network cable and the manual. Older models have CDs included, newer models have no discs included since the system backup is stored on the system disk. The manufacturer defaults can be easily restored during the startup menu.

Setup of the RipNAS

Unpack RipNAS: Consider where you will place your RipNAS. Because RipNAS is a passively cooled system, do not place it in an enclosed cabinet or in direct sunlight. Due to possible water damage please do not place it near sources of water. Ensure that all vents are uncovered. It is normal for the sides of the case to become warm to the touch when the system is working.

Connecting RipNAS to your network: RipNAS requires a wired network connection to your broadband router. For optimum performance in home networks where many different network operations may occur simultaneously, we recommend using a router with GBit Ethernet capability.

Plug RipNAS to mains: Connect the mains power brick to RipNAS before switching it on at the mains. RipNAS only requires two connections: mains & network (no keyboard, mouse or LCDs are required). Press the RipNAS On/Off switch (RipNAS Solid on the back panel, RipNAS Statement and Monster on the front panel) to power on.



Check if RipNAS is operating: after switching on, the blue Power LED lights up.

RipNAS takes about 60-90 seconds to start up. On the back, two LEDs next to the network cable will indicate network connection status and activity. RipNAS is now ready to rip CDs and serve audio to any streaming device of your choice.

To switch off the RipNAS press the power button shortly. The system shuts down correctly. If the system does not shut down, it might last longer due to the installation of updates. If the system failed and does not shut down, you can press the power button longer than 3 seconds (until all LEDs are off).

The RipNAS is designed to act as server for 24/7 use and consumes less than 10W per hour (vary with each model).

Ripping Audio-CDs

RipNAS is preconfigured to rip audio data to FLAC, a very popular and open lossless audio format. FLAC is the format of choice for Linn, Sonos and Logitech devices.

1. Ripping is as simple as inserting an audio CD (silver side facing down) and waiting approximately 3-4 minutes for ripping to complete and RipNAS to eject the CD.
2. Metadata is retrieved from five databases (AllMusic, GD3, SonataDB, MusicBrainz and freeDB), using an algorithm called PerfectMeta to compare the results and automatically determine the optimum for your CD.
3. If for any reason no metadata can be found for your CD, it will be ejected after up to 30 seconds. Re-insert it right away, the disc will be ripped with Unknown artist # (the # is an index so that several CDs without metadata are written to separate folders).
4. Ripped tracks are automatically saved to the **Music** shared folder to be streamed to various devices on the network and to be edited or accessed by other computers in your home or office.

Ejecting a Stuck Audio CD

There are various possibilities to eject a CD:

1. From WHS Dashboard, click the Eject CD button
2. Connect via Remote Desktop and click on the Eject CD icon
3. Shut down RipNAS by pressing the On/Off button, it will automatically eject the CD on startup
4. RipNAS Statement has an Eject button, RipNAS Solid / Monster has a press point on the left side of the drive bay
5. Some models have a pin hole on the front – insert a needle to press the drive's physical emergency eject button.

Secure Ripping

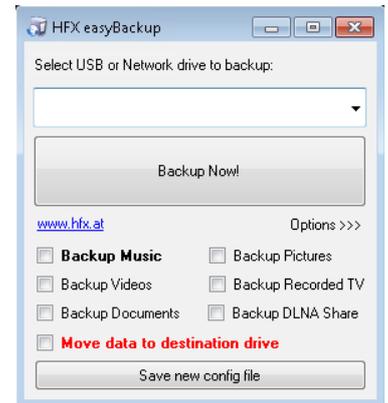
RipNAS is designed as a secure ripping device, which means it does its utmost to identify and correct errors in the data retrieved from the disc. Therefore most CDs will be ripped without a single error. Tracks with unrecoverable errors are ripped to a different folder (\\ripnas\Music**Insecure**), and the disc will appear in the „With Errors“ section of the RipNAS tab in the Windows Home Server Dashboard. Should a disc have errors, we recommend:

- ✓ Give the disc a light clean – never wipe the disc in a circular way, always from the inside out, and do not use solvents or cleaning fluids if they are not specifically designed for CDs
- ✓ The disc can be ripped in RipNAS after ripping a different CD first, otherwise it is rejected as a duplicate.
- ✓ If the errors can be corrected, the files from the Insecure folder will be removed and placed in the correct [album artist]\[album] folder.
- ✓ Should the disc still have errors, consider replacing it.

Daily USB-Backup

The USB Backup software detects automatically, if a USB hard drive or stick is connected. If detected, the RipNAS will copy overnight the new ripped music files 1:1 to the USB drive. You can also disconnect the USB drive and take your music collection with you.

You can also mount network drives to the RipNAS and backup the music files onto the NAS. You can also move the music files to the NAS!

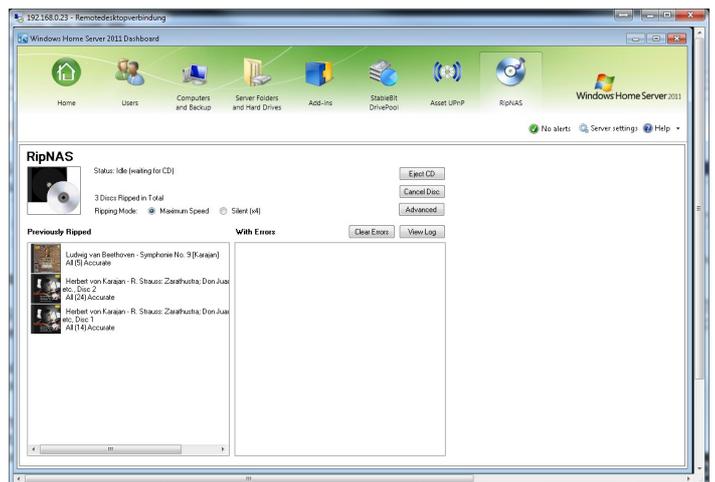


Help and Support via remote access

With the application "Team Viewer" you can give external access to the RipNAS. This can be necessary for remote support.

Ripping progress, Silent Mode and Audio formats

With the WHS Console you can change the Audio format, set the Ripping Mode to Secure, the CD drive to Silent-Mode or just watch the ripping status.



3 Access to the RipNAS

There are many ways to access the RipNAS:

A) via **Web Browser**:

all devices with a web browser can access the ripnas (Windows Computer, Apple, Netbook). The response time is a little bit slow.

Enter this address: <http://ripnas:5800> , password „ripnas“.

Note: The browser opens a flash module for VNC.

Therefore the browser needs to support Flash-Plugins.

B) with **Remote-Desktop**: this feature is included in VISTA, WIN7/8 and Mac OS. Response time is very fast. But you cannot access Audio Driver or LCD driver. Remote-Desktop is already installed on Windows devices. On Mac-OS devices please download this tool:

<http://www.microsoft.com/mac/remote-desktop-client>

login: „Ripnas“ or IP address of the RipNAS

C) with **WHS console**: the WHS console needs to be installed on the local PC. You can then also backup your laptop. :

<http://ripnas:65510/connect>

Login: Administrator

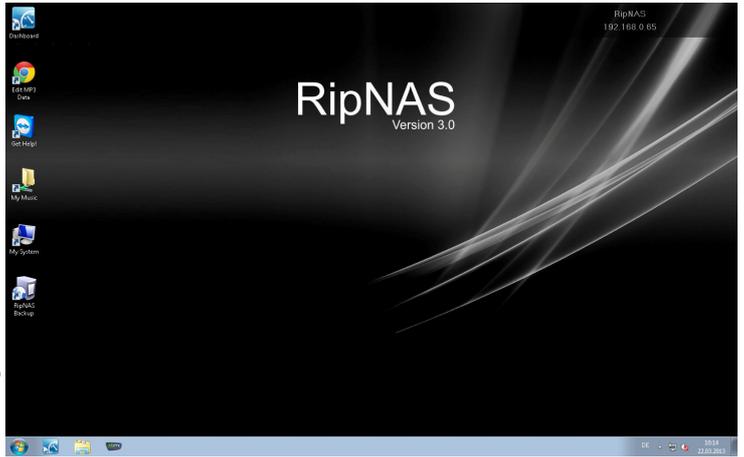
Password: hfx=000000

The WHS console shows the most important features of the RipNAS.

D) Access with the **Explorer/ Finder**: you can easily add the RipNAS like a network drive with full access to the music collection.

Login: sonos

Password: sonos



4 Edit Metadata

If you want to change cover arts or metadata of the tracks, you have several ways to do this:

With the Explorer directly on the RipNAS

Access the RipNAS with a Web Browser or Remote-Desktop

- Open the File Explorer,
- Go to shared folders/music
- right mouse click on the track
- and edit the metadata entries easily

With MP3TAG locally on the Laptop

Mount the RipNAS as network drive:

- search the RipNAS in the network environment
- mount it like a network drive (Login: sonos / Password: sonos)
- install a Metadata Editor like MP3Tag on your Computer or Laptop
- edit Metadata and Covers on your local Computer or Laptop

With MP3TAG on the RipNAS itself

Go to the Web Browser or Remote-Desktop on the RipNAS

- click on the Icon “Edit Metadata”
- install the Freeware MP3tag on the RipNAS
- now you can edit Meta data and Covers

Mp3tag v2.54 - \\192.168.0.60\music

Titel: Amor Afoto
 Interpret: Ana Moura
 Album: Desfado
 Jahr: 7
 Genre: International
 Verzeichis: \\192.168.0.60\music
 Album-Interpret: Ana Moura
 Komposit: Jorge Benvinda\Wuno Figueiredo
 CD-Nummer: 1

Datenname	Pfad	Tag	Titel	Interpret	Album-Interpret
01 Ana Moura - Desfado.flac	\\192.168.0.60\music\1080 - A bis Z\Ana Moura\Desfado\	FLAC (FLAC)	Desfado	Ana Moura	Ana Moura
02 Ana Moura - A Case of You.flac	\\192.168.0.60\music\1080 - A bis Z\Ana Moura\Desfado\	FLAC (FLAC)	A Case of You	Ana Moura	Ana Moura
03 Ana Moura - Até Ao Verão.flac	\\192.168.0.60\music\1080 - A bis Z\Ana Moura\Desfado\	FLAC (FLAC)	Até Ao Verão	Ana Moura	Ana Moura
04 Ana Moura - Havemos De Acordar.flac	\\192.168.0.60\music\1080 - A bis Z\Ana Moura\Desfado\	FLAC (FLAC)	Havemos De Acordar	Ana Moura\Tim Ries	Ana Moura
05 Ana Moura - Thank You.flac	\\192.168.0.60\music\1080 - A bis Z\Ana Moura\Desfado\	FLAC (FLAC)	Thank You	Ana Moura	Ana Moura
06 Ana Moura - E Tu Gostavas De Mim.flac	\\192.168.0.60\music\1080 - A bis Z\Ana Moura\Desfado\	FLAC (FLAC)	E Tu Gostavas De Mim	Ana Moura	Ana Moura
07 Ana Moura - Amor Afoto.flac	\\192.168.0.60\music\1080 - A bis Z\Ana Moura\Desfado\	FLAC (FLAC)	Amor Afoto	Ana Moura	Ana Moura
08 Ana Moura - Fado Alado.flac	\\192.168.0.60\music\1080 - A bis Z\Ana Moura\Desfado\	FLAC (FLAC)	Fado Alado	Ana Moura	Ana Moura
09 Ana Moura - A Minha Estrela.flac	\\192.168.0.60\music\1080 - A bis Z\Ana Moura\Desfado\	FLAC (FLAC)	A Minha Estrela	Ana Moura	Ana Moura
10 Ana Moura - A Fadista.flac	\\192.168.0.60\music\1080 - A bis Z\Ana Moura\Desfado\	FLAC (FLAC)	A Fadista	Ana Moura	Ana Moura
11 Ana Moura - Quando O Sol Espreitar De Novo.flac	\\192.168.0.60\music\1080 - A bis Z\Ana Moura\Desfado\	FLAC (FLAC)	Quando O Sol Espreitar De Novo	Ana Moura	Ana Moura
12 Ana Moura - Com a Cabeça Nas Nuvens.flac	\\192.168.0.60\music\1080 - A bis Z\Ana Moura\Desfado\	FLAC (FLAC)	Com a Cabeça Nas Nuvens	Ana Moura	Ana Moura
13 Ana Moura - Dream of Fire.flac	\\192.168.0.60\music\1080 - A bis Z\Ana Moura\Desfado\	FLAC (FLAC)	Dream of Fire	Ana Moura\Herbie Hancock	Ana Moura
14 Ana Moura - Despre a Saudade.flac	\\192.168.0.60\music\1080 - A bis Z\Ana Moura\Desfado\	FLAC (FLAC)	Despre a Saudade	Ana Moura	Ana Moura
01. Do You Play Guitar.flac	\\192.168.0.60\music\1080 - A bis Z\Barb Jung\Waterloo Sunset\	FLAC (FLAC)	Do You Play Guitar?	Barb Jung	Barb Jung
02. High Water.flac	\\192.168.0.60\music\1080 - A bis Z\Barb Jung\Waterloo Sunset\	FLAC (FLAC)	High Water	Barb Jung	Barb Jung
03. Cathy's Clown.flac	\\192.168.0.60\music\1080 - A bis Z\Barb Jung\Waterloo Sunset\	FLAC (FLAC)	Cathy's Clown	Barb Jung	Barb Jung
04. This Masquerade.flac	\\192.168.0.60\music\1080 - A bis Z\Barb Jung\Waterloo Sunset\	FLAC (FLAC)	This Masquerade	Barb Jung	Barb Jung
05. The Great Valerio.flac	\\192.168.0.60\music\1080 - A bis Z\Barb Jung\Waterloo Sunset\	FLAC (FLAC)	The Great Valerio	Barb Jung	Barb Jung
06. When Do the Bells Ring for Me.flac	\\192.168.0.60\music\1080 - A bis Z\Barb Jung\Waterloo Sunset\	FLAC (FLAC)	When Do the Bells Ring for Me	Barb Jung	Barb Jung
07. Written in the Dark Again.flac	\\192.168.0.60\music\1080 - A bis Z\Barb Jung\Waterloo Sunset\	FLAC (FLAC)	Written in the Dark Again	Barb Jung	Barb Jung
08. Like a Rolling Stone.flac	\\192.168.0.60\music\1080 - A bis Z\Barb Jung\Waterloo Sunset\	FLAC (FLAC)	Like a Rolling Stone	Barb Jung	Barb Jung
09. Lipstick Lips Lament.flac	\\192.168.0.60\music\1080 - A bis Z\Barb Jung\Waterloo Sunset\	FLAC (FLAC)	Lipstick Lips Lament	Barb Jung	Barb Jung
10. Laugh Clown Laugh.flac	\\192.168.0.60\music\1080 - A bis Z\Barb Jung\Waterloo Sunset\	FLAC (FLAC)	Laugh Clown Laugh	Barb Jung	Barb Jung
11. Waterloo Sunset.flac	\\192.168.0.60\music\1080 - A bis Z\Barb Jung\Waterloo Sunset\	FLAC (FLAC)	Waterloo Sunset	Barb Jung	Barb Jung
12. The Joker.flac	\\192.168.0.60\music\1080 - A bis Z\Barb Jung\Waterloo Sunset\	FLAC (FLAC)	The Joker	Barb Jung	Barb Jung
01 Beni Schmid - Souvenirs.flac	\\192.168.0.60\music\1080 - A bis Z\Beni Schmid\BeniSchmidObsession; Hommage à Grappelli\	FLAC (FLAC)	Souvenirs	Beni Schmid	Beni Schmid
02 Beni Schmid - Swing 39.flac	\\192.168.0.60\music\1080 - A bis Z\Beni Schmid\BeniSchmidObsession; Hommage à Grappelli\	FLAC (FLAC)	Swing 39	Beni Schmid	Beni Schmid
03 Beni Schmid - Night and day, song (from 'Gay Divorce')flac	\\192.168.0.60\music\1080 - A bis Z\Beni Schmid\BeniSchmidObsession; Hommage à Grappelli\	FLAC (FLAC)	Night and day, song (from "Gay Divorce")	Beni Schmid	Beni Schmid
04 Beni Schmid - Manoir de mes rêves (Blues en mineur)flac	\\192.168.0.60\music\1080 - A bis Z\Beni Schmid\BeniSchmidObsession; Hommage à Grappelli\	FLAC (FLAC)	Manoir de mes rêves (Blues en mineur)	Beni Schmid	Beni Schmid
05 Beni Schmid - Tears.flac	\\192.168.0.60\music\1080 - A bis Z\Beni Schmid\BeniSchmidObsession; Hommage à Grappelli\	FLAC (FLAC)	Tears	Beni Schmid	Beni Schmid
06 Beni Schmid - Troublant Bolero.flac	\\192.168.0.60\music\1080 - A bis Z\Beni Schmid\BeniSchmidObsession; Hommage à Grappelli\	FLAC (FLAC)	Troublant Bolero	Beni Schmid	Beni Schmid
07 Beni Schmid - Bei dir war es immer so schön.flac	\\192.168.0.60\music\1080 - A bis Z\Beni Schmid\BeniSchmidObsession; Hommage à Grappelli\	FLAC (FLAC)	Bei dir war es immer so schön	Beni Schmid	Beni Schmid
08 Beni Schmid - Time on My Hands (From the musical Smile)flac	\\192.168.0.60\music\1080 - A bis Z\Beni Schmid\BeniSchmidObsession; Hommage à Grappelli\	FLAC (FLAC)	Time on My Hands (From the musical Smile)	Beni Schmid	Beni Schmid
09 Beni Schmid - Embraceable You, song (from Girl Crazy, musical)flac	\\192.168.0.60\music\1080 - A bis Z\Beni Schmid\BeniSchmidObsession; Hommage à Grappelli\	FLAC (FLAC)	Embraceable You, song (from Girl Crazy, musical)	Beni Schmid	Beni Schmid
10 Beni Schmid - Sweet Georgia Brown, songflac	\\192.168.0.60\music\1080 - A bis Z\Beni Schmid\BeniSchmidObsession; Hommage à Grappelli\	FLAC (FLAC)	Sweet Georgia Brown, song	Beni Schmid	Beni Schmid
11 Beni Schmid - Honeyuckle Rose.flac	\\192.168.0.60\music\1080 - A bis Z\Beni Schmid\BeniSchmidObsession; Hommage à Grappelli\	FLAC (FLAC)	Honeyuckle Rose	Beni Schmid	Beni Schmid
12 Beni Schmid - Place Brouckere.flac	\\192.168.0.60\music\1080 - A bis Z\Beni Schmid\BeniSchmidObsession; Hommage à Grappelli\	FLAC (FLAC)	Place Brouckere	Beni Schmid	Beni Schmid
13 Beni Schmid - Fascinat'n' Rhythm, song (from Lady, Be Good!, musical)flac	\\192.168.0.60\music\1080 - A bis Z\Beni Schmid\BeniSchmidObsession; Hommage à Grappelli\	FLAC (FLAC)	Fascinat'n' Rhythm, song (from Lady, Be Good!, musical)	Beni Schmid	Beni Schmid
14 Beni Schmid - Sweet Chorus.flac	\\192.168.0.60\music\1080 - A bis Z\Beni Schmid\BeniSchmidObsession; Hommage à Grappelli\	FLAC (FLAC)	Sweet Chorus	Beni Schmid	Beni Schmid
15 Beni Schmid - Nuages, for guitar.flac	\\192.168.0.60\music\1080 - A bis Z\Beni Schmid\BeniSchmidObsession; Hommage à Grappelli\	FLAC (FLAC)	Nuages, for guitar	Beni Schmid	Beni Schmid
16 Beni Schmid - Nocturne.flac	\\192.168.0.60\music\1080 - A bis Z\Beni Schmid\BeniSchmidObsession; Hommage à Grappelli\	FLAC (FLAC)	Nocturne	Beni Schmid	Beni Schmid
01 Billy Joel - Movin' Out (Anthony's Song).flac	\\192.168.0.60\music\1080 - A bis Z\Billy Joel\The Stranger\	FLAC (FLAC)	Movin' Out (Anthony's Song)	Billy Joel	Billy Joel
02 Billy Joel - The Stranger.flac	\\192.168.0.60\music\1080 - A bis Z\Billy Joel\The Stranger\	FLAC (FLAC)	The Stranger	Billy Joel	Billy Joel
03 Billy Joel - Just the Way You Are.flac	\\192.168.0.60\music\1080 - A bis Z\Billy Joel\The Stranger\	FLAC (FLAC)	Just the Way You Are	Billy Joel	Billy Joel
04 Billy Joel - Scenes from an Italian Restaurant.flac	\\192.168.0.60\music\1080 - A bis Z\Billy Joel\The Stranger\	FLAC (FLAC)	Scenes from an Italian Restaurant	Billy Joel	Billy Joel

Filter:

Bereit 1 (08:44:07) 28 (6MB) 82 (05:47:00) | 2 (0GB)

If you want to download album art covers, we recommend Album Art Downloader:

<http://sourceforge.net/projects/album-art/>

Album Art Downloader

Artist: amon arth
 Album: surtur rising

Options:
 Open search results in new window
 Automatically close after saving
 Automatically download full-size images
 Always
 Only when size is unknown
 Never

Filter by image size: Minimum 400 px
 Maximum 900 px

Filter by cover types: Select All
 Front
 Inside
 Back
 CD
 Booklet
 Unknown

Replace invalid characters for filenames with:

Save images to: C:\Users\Accounting\Pictures\Album Art\%artist%\album%\Folder\%preset%\%extension%

Group by: None Sort by: Name

Sources:
 Select All
 7digital v0.3 by Alex Vallat (10)
 AllCDCover v0.4 by dpa, Alex Vallat (9)
 Amazon (ca) v0.10s by Alex Vallat, 2007
 Amazon (co.uk) v0.10s by Alex Vallat, 2007
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 Archambault v0.8.2 by Sébastien Leclerc
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 Chartstats v0.2 by Alex Vallat (10)
 Coveralia v0.11 by Alex Vallat (7)
 Coverlandia (Official) v0.2 by Alex Vallat
 Cover-Paradies v0.13 by Alex Vallat (10)
 dejay.de v0.3 by Alex Vallat
 Deezer v0.4 by Alex Vallat
 Discogs v0.12 by Alex Vallat (10)
 Dishop v0.3 by Alex Vallat
 eMusic v0.8 by Alex Vallat, DRatio (1)
 GoogleImage v0.13 by Alex Vallat (10)
 hitpradach v0.13 by Alex Vallat (1)
 Get more scripts...

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