MANUAL - RIPNAS V7
(Windows 10/11)
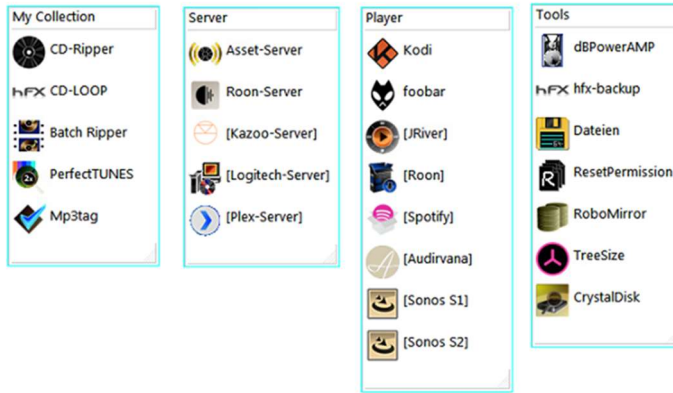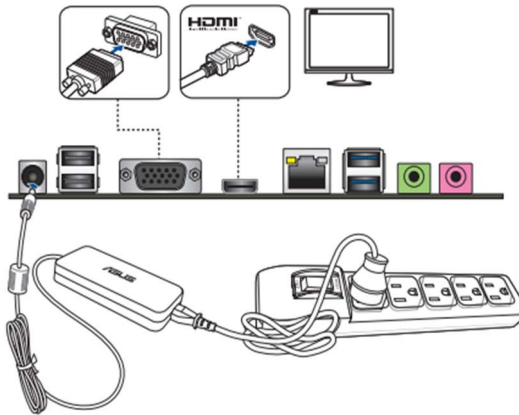
My Collection
- CD-Ripper
- hfx CD-LOOP
- Batch Ripper
- PerfectTUNES
- Mp3tag

Server
- Asset-Server
- Roon-Server
- [Kazoo-Server]
- [Logitech-Server]
- [Plex-Server]

Player
- Kodi
- foobar
- [JRiver]
- [Roon]
- [Spotify]
- [Audirvana]
- [Sonos S1]
- [Sonos S2]

Tools
- dBPowerAMP
- hfx hfx-backup
- Dateien
- ResetPermission
- RoboMirror
- TreeSize
- CrystalDisk

Table of contents

Quick start in 10 min

A) Connect with power and LAN cable

B) Insert CD for ripping

C) In the Control App of your network player, select the RipNAS as the server.

→ Select album and track and listen to music

This quick start works with all UPNP/DLNA players, ROON, Sonos, Linn and Logitech.

If your Control app requires a password:	
login:	hfx
pwd:	hfx=000000

Change settings

Access to the RipNAS

Via Teamviewer Via file manager Via Remote Desktop	< See separate supplement >

Rip format

The default setting is FLAC compression-free. If you want to change to Apple Lossless, for example, call up the single ripper and change the format here. The settings of the single ripper automatically apply to the batch ripper as well.

USB DAC

If you would like to connect your amplifier or DAC to the RipNAS via USB, please log in to the RipNAS via Teamviewer and install the USB drivers of the DAC. If you encounter any problems, please contact us. After successful installation, your DAC will appear in the device manager. Then please set the default sound output to your newly installed DAC.
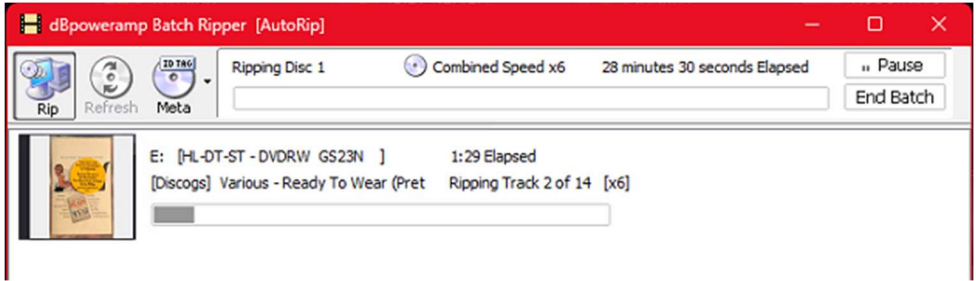Please do NOT use Remote Desktop with the USB-DAC, as it often hides the USB ports and your USB-DAC will not appear under Remote Desktop and will also be deactivated.
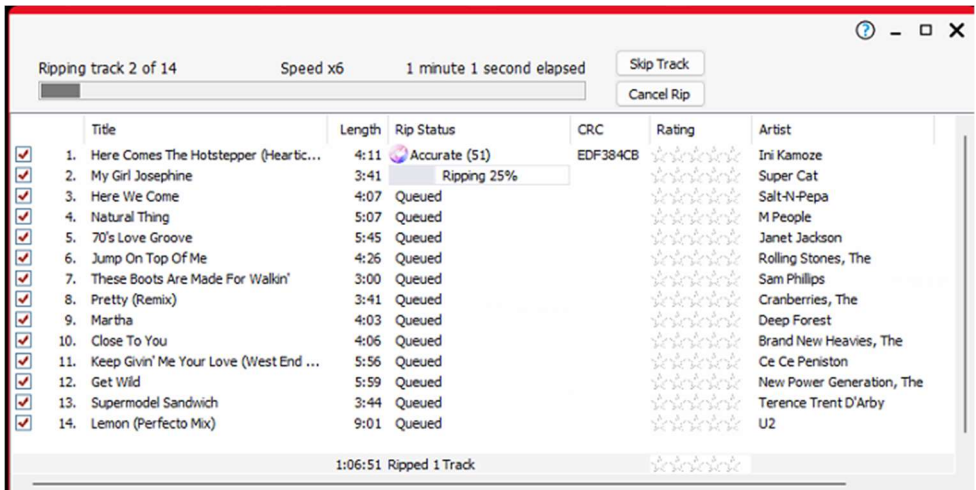
App for mobile phone or tablet

iOS	Android	Windows
SYBU	KORE	DLNA browser
Smart KODI Remote	YATSE	Kinsky
Official Kodi Remote	Smart KODI Remote	Asset Control
Mia	4-Head	XBMCee
Remox	BubbleUPNP	Bring the Popcorn
Wako	Omnimote	mrRemote for KODI

Ripping

The batch ripper runs by default. If this does not recognise individual CDs, we recommend ripping them with the single ripper. The advantage of the batch ripper is that up to 5 rip drives can rip in parallel.

dBpoweramp Batch Ripper [AutoRip]

Rip Refresh Meta

Ripping Disc 1   Combined Speed x6   28 minutes 30 seconds Elapsed   Pause / End Batch

E: [HL-DT-ST - DVDRW GS23N]   1:29 Elapsed
[Discogs] Various - Ready To Wear (Pret   Ripping Track 2 of 14 [x6]

The single ripper has one more metadatabase, the GD3 database, which is especially strong in the classical field.

Ripping track 2 of 14   Speed x6   1 minute 1 second elapsed   Skip Track / Cancel Rip

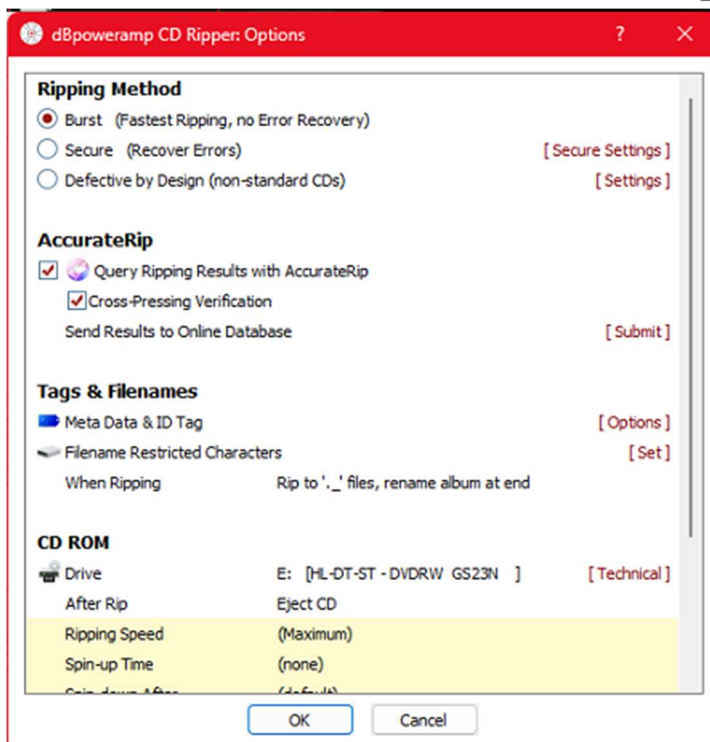|	Title	Length	Rip Status	CRC	Rating	Artist
1.	Here Comes The Hotstepper (Heartic...	4:11	Accurate (51)	EDF384CB		Ini Kamoze
2.	My Girl Josephine	3:41	Ripping 25%			Super Cat
3.	Here We Come	4:07	Queued			Salt-N-Pepa
4.	Natural Thing	5:07	Queued			M People
5.	70's Love Groove	5:45	Queued			Janet Jackson
6.	Jump On Top Of Me	4:26	Queued			Rolling Stones, The
7.	These Boots Are Made For Walkin'	3:00	Queued			Sam Phillips
8.	Pretty (Remix)	3:41	Queued			Cranberries, The
9.	Martha	4:03	Queued			Deep Forest
10.	Close To You	4:06	Queued			Brand New Heavies, The
11.	Keep Givin' Me Your Love (West End ...	5:56	Queued			Ce Ce Peniston
12.	Get Wild	5:59	Queued			New Power Generation, The
13.	Supermodel Sandwich	3:44	Queued			Terence Trent D'Arby
14.	Lemon (Perfecto Mix)	9:01	Queued			U2

1:06:51 Ripped 1 Track

With the app "HFX-Loop" you can run the single ripper in a continuous loop. In this way, the single ripper also becomes a kind of batch ripper with the advantage that the GD3 database is accessed. While the app "HFX-Loop" is running, however, no other apps can be run at the same time.

The RipNAS rips accurately. If the ripped CD is also in the AccurateRip database, the checksum is matched.
If the CD is not in the AkkuratRip database, the track is ripped twice and both results are compared.
If a track is not ripped accurately, the track is ripped again or, in the case of a C2 pointer, only the faulty part is ripped again.

With Windows 10/11, any USB drives can be used for ripping. Up to 5 pieces at the same time per RipNAS.

dBpoweramp CD Ripper: Options

Ripping Method

- ◉ Burst (Fastest Ripping, no Error Recovery)
- ◯ Secure (Recover Errors)   [Secure Settings]
- ◯ Defective by Design (non-standard CDs)   [Settings]

AccurateRip

- ☑ 🌐 Query Ripping Results with AccurateRip
  - ☑ Cross-Pressing Verification
  - Send Results to Online Database   [Submit]

Tags & Filenames

- Meta Data & ID Tag   [Options]
- Filename Restricted Characters   [Set]
- When Ripping   Rip to '._' files, rename album at end

CD ROM

- Drive   E: [HL-DT-ST - DVDRW GS23N]   [Technical]
- After Rip   Eject CD
- Ripping Speed   (Maximum)
- Spin-up Time   (none)
- Spin-down After   (default)

[OK]   [Cancel]

Maintenance of the collection

Expand collection by downloading and copying

It is best to mount the RIPNAS as a network drive on your laptop. You can then easily edit, delete or add to the collection.
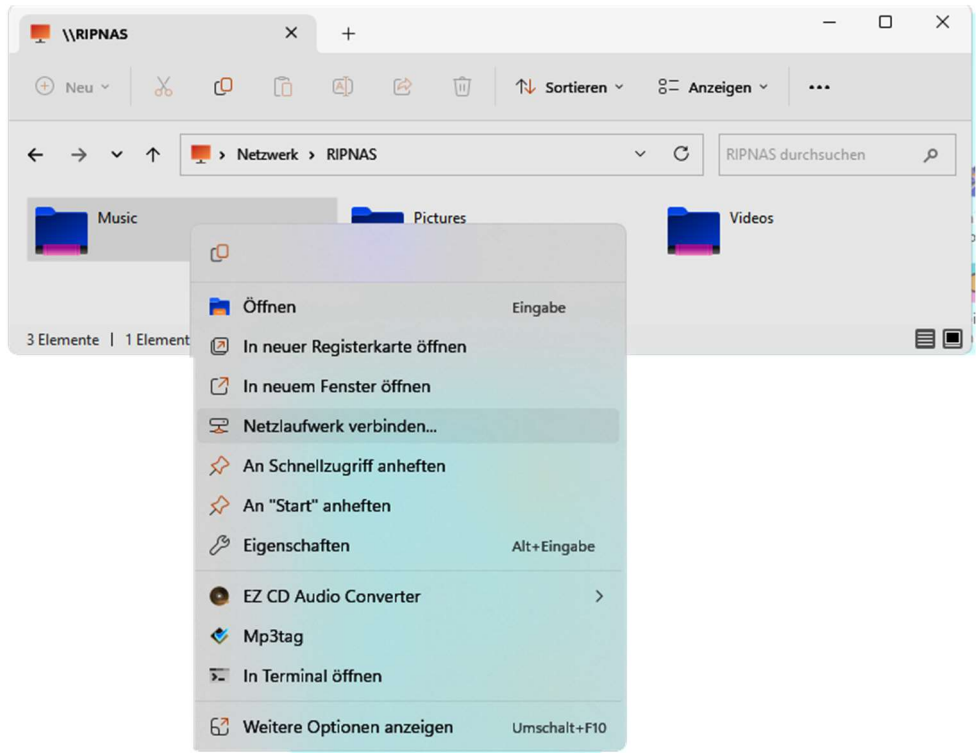
If, for example, you have more music via a USB hard drive or USB stick that you want to add to your collection, you can simply drag and drop (Ctrl-C, Ctrl-V) the content into the RIPNAS directory. Before doing this, you should make sure that

- ✓ all data are unpacked: i.e. there are no more ZIPs available
- ✓ it is the same format, for example FLAC

If you want to change the format, you can simply convert the tracks on the RipNAS with the right mouse button.

Structured storage of albums

In general, the following filing structure of the CDs has proven successful:

Classic	Composer / Work [Conductor] / Track Composer - Title
Albums	Artist / Album / Track Artist - Title
Compilation	Various / Album / Track Artist - Title
Collections	Composer / Work [Conductor] / CD.Track Composer - Title

Add album covers

Album covers are best added automatically using PerfectTunes Album Art (installed on the RipNAS).

Add albumin info (metadata)

The metadata can be automatically completed by a new import into one of the players such as ROON, JRiver or KODI.
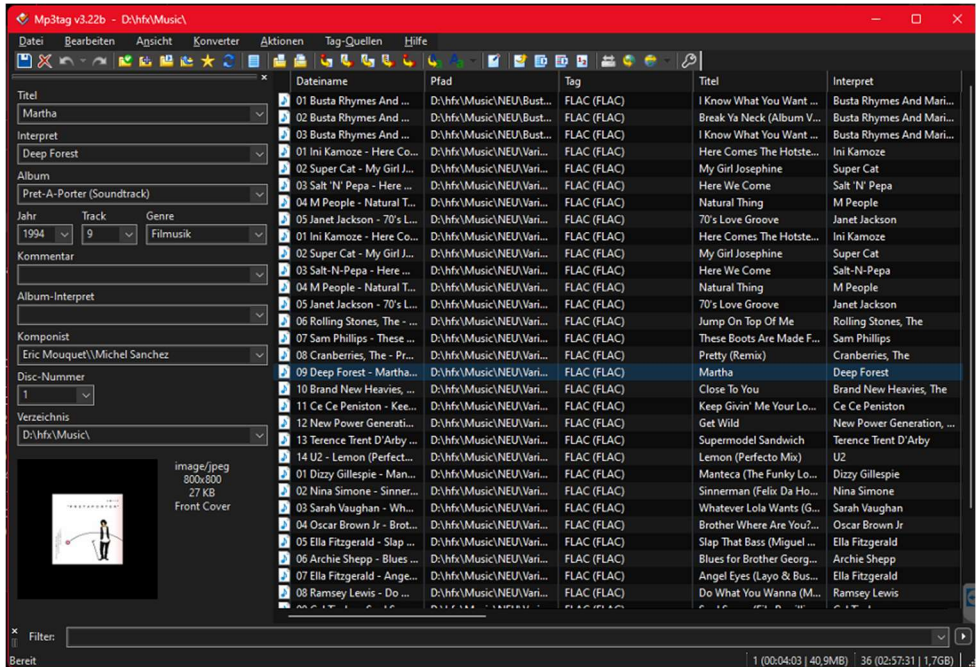
If you want to correct or add to the metadata manually, we recommend MP3Tag (installed on the RIPNAS). MP3Tag also supports all other music formats such as FLAC, ALAC etc.

Backup the collection

As soon as a USB-HDD is connected, the current music collection is copied 1:1 during the night (unencrypted) or only the delta that is new in the collection is copied.

Find duplicate albums with De-Dub

PerfectTUNES Control Center

PerfectTUNES

Release 3.3

date to Release 2023-07-

Programs (click to open)

View Help

Album Art
add missing covers

ID Tags
edit ID tags

De-Dup
remove duplicate tracks

AccurateRip
check for ripping errors

Registration Status: Registered

Fully registered, no restrictions

Checking for rip errors with AccurateRip

PerfectTUNES AccurateRip

| 3 Albums With Ripping Errors | Sort by Artist - Album | search albums |

3 Albums With Ripping Errors   *i* Match Details

Busta Rhymes And Mariah Carey
I Know What You Want   2 Tracks Accurate   ✗ Track 3 Has Errors

Various
Ready To Wear (Pret-A-Porter): Music From The Motion Pic..   4 Tracks Accurate   ✗ Track 1 Has Errors

Various Artists
Verve Remixed, Vol. 2, Disc 1   6 Tracks Accurate   ✗ Tracks 1-5, 7, 8, 10 Have Errors

Streaming

Many streaming services are already installed. A login is required for many of them. Further streaming services can be installed later if required.

1^$

Free installed streaming services	Streaming services with login
Mixcloud, Radio (30,000+ stations) Shoutcast (50,000+ stations), Soundcloud Tune-In, Icecast, Grooveshark	Amazon Music, Amazon Prime Video, Netflix, Tidal, Qobuz,

Even if your network player does not have an integrated Internet radio, the Asset-UPNP server provides TuneIn an with numerous radio stations in a submenu:
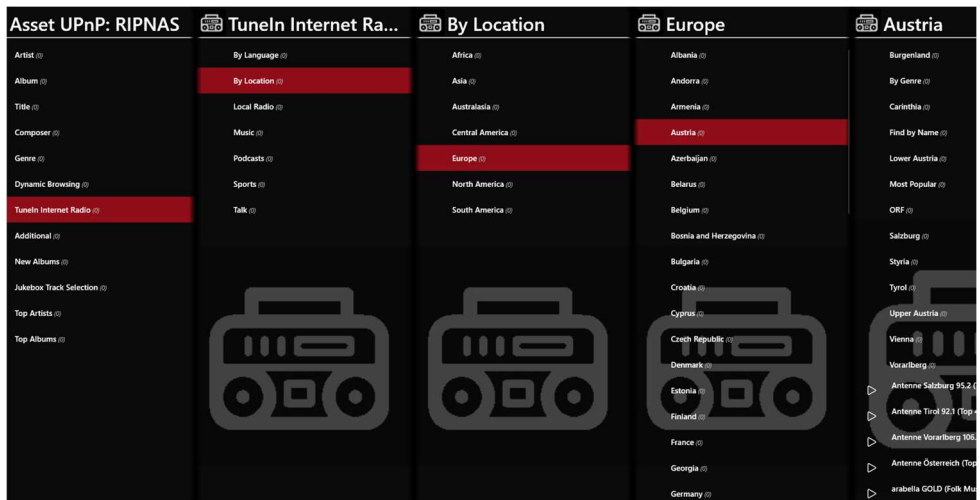
Improve playback quality

If you play your music via a USB DAC, you can improve the playback quality by taking the following measures:

Hardware:

- ✓ High quality USB cable
- ✓ High quality linear power supply unit
- ✓ Battery power supply PurePower
- ✓ Galvanically isolated LAN cable

Software:

- ✓ Using WASAPI sound drivers with KODI
- ✓ Using ASIO sound drivers with JRIVER
- ✓ Activation of FXSound with wide-ranging settings
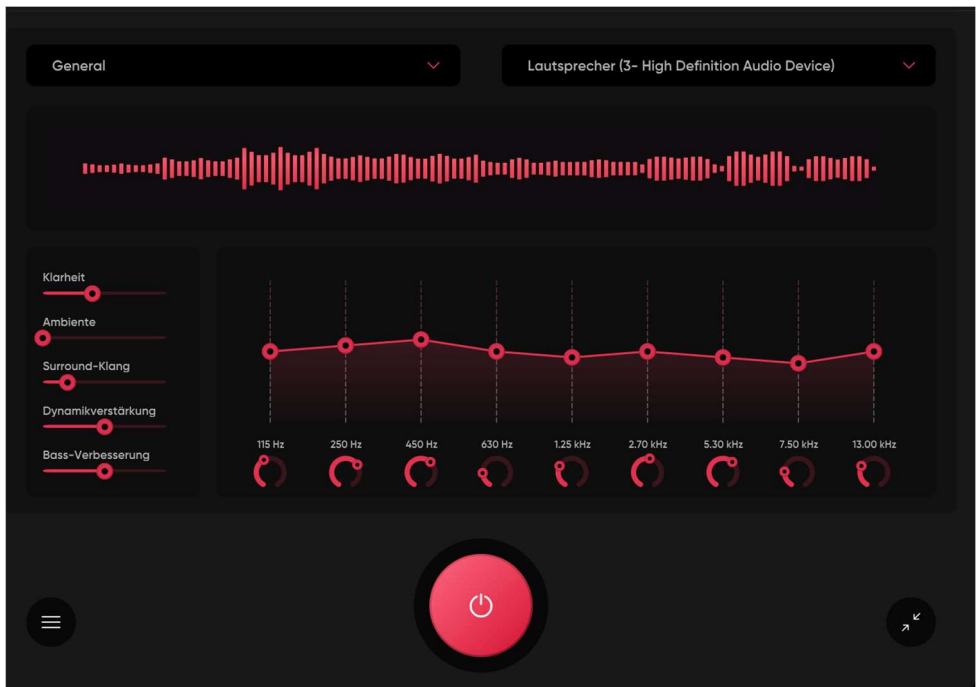
Tuning and maintenance of the RipNAS

- ✓ Install the latest updates monthly and start new ones by
- ✓ Restart the RipNAS once a day through
- ✓ Do not simply switch off the RipNAS via a switch bar, but always shut down the server properly: i.e. press the power button once briefly and wait 1-2 minutes until the power LED goes out. Only then can you remove the RipNAS from the power supply.
- ✓ Uninstall players and servers that you do not need
- ✓ The cooling fins require circulating air, do not place a sheet of paper or similar on the cooling fins
- ✓ Change the external power supply every 2-3 years
- ✓ Clean the acrylic with glass cleaner and microfibre cloth
- ✓ Recommended are software updates after 5 years and hardware updates after 10 years.

We hope you enjoy using the RipNAS. If you have any problems, please contact us. We can help quickly via Teamviewer. If you need more extensive support, we recommend:

Quick Check: We check your RipNAS, correct incorrect settings and carry out minor updates.

Maintenance contract: Here we are at your disposal for a whole year for questions and problems, also we permanently update your RipNAS.