

# Audiostore Nova

## Streaming Audio Jukebox system

Model type	
Serial Number	
System voltage	12v 19v 12v/19v

### Nova Short User Guide Version v8

Thank you for choosing an **Audiostore Nova** appliance. This multi-functional device is based on a custom version of Sonicorbiter software Sonore microRendu, opticalRendu, ultraRendu, Signature Rendu SE etc devices also use a version of Sonicorbiter SW. This short guide covers basic use of the Squeezebox Server (LMS) and Roon. For other functions please find additional information on the Audiostore web page

Flac is the preferred format, but most other music formats are supported. Free Lossless Audio Codec is a high quality format that efficiently compresses CDs without quality loss. Nova defaults to lossless compressed (level 5) flac. If you prefer Select **Uncompressed flac** but file size is larger. **Flac Mirror** produces a lossy MP3 copy for portable players. Find these in the music/**mp3 folder**

Briefly press the **Power** button. System is ready in 60 seconds. **Turn Off** in the same way, or from the NOVA interface. Ensure that power adapter is well ventilated, not covered, or in direct sun. Check power adapter does not run hot. **Turn off immediately** if more than comfortably warm

**1<sup>st</sup> Step:** Find the Nova interface by typing **www.sonicorbiter.com** in to address bar of any browser. (or enter IP address. To find IP address install 'fing' onto any Apple/Android, tablet/phone) Go to **Software Manager/Update** to ensure latest features are installed on your system. (Update monthly!) Add/Delete the **Apps** required from **Software Manager**

**Audio Output:** With a DAC connected, Nova has capabilities that far exceed those of most 'streamer' systems. Nova will play standard, HiRes and DSD music (DSD256 max). Nova systems may also have a built-in audio (called Rear Socket) or digital SPDIF, AES Coax or Optical output

**If you have a USB DAC attached, power it on before powering the NOVA (or 'rendu) system**

If you use a phone for controlling Playback ensure that it is on your **home network** (not ISP mobile network)

**USB DAC:** When you have a DAC connected it is visible in Apps / DAC Diagnostics where its properties, and playback resolution are displayed  
**Roon:** Enable Roon Server in Nova Software Manager. Tick **Enable local playback** in Settings/Roon Server. DAC will show as Local Output or use **Roon Ready endpoints such as UltraRendu** which show as network players within Roon. (Settings/Music) (Since June 2020 Roonready App cannot be used on the server) (Tick **Squeezebox Compatibility** for Roon to play to Squeezebox, or Squeezelite players inc DAC32)

- Other output: Select **Rear Audio Socket, AES Out, or SPDIF** digital, where fitted
- Network output: **'Rendu'** devices appear as players on relevant software. For DLNA streamers search their menu for Sonicorbiter media files

Setup	Logitech Media Server (Squeezebox Server)	Roon (Requires Roon licence/trial)
Go Nova/Apps/App Manager. Select/install →	Squeezebox Server, Squeezelite	Roon Server
Prepare Player: Nova/Settings then: →	Squeezelite: Select USB DAC, Save Changes (Select Digital for inbuilt SPDIF/OPTO etc) (Rear socket for output to server back panel)	Roon Server/Tick Enable Local Playback. Save Changes (Select Digital for inbuilt SPDIF/OPTO etc)
Play your music	Go to playback App. Player name is Sonicorbiter. Re-name in Squeezelite Settings if you wish Play to Squeezebox/Squeezelite and DAC 32	Open Roon App. Leave <b>Library location</b> at our <b>default</b> . In Settings/Music. Nova will be detected as connected to Core. (Or use a Roonready endpoint)
Useful features	Find our pre-set radio stations in Squeezebox Server/Playlists	You can set Roon for 1 <sup>st</sup> level MQA playback to all DACs (96K max playback)
Tidal/Qobuz (Qobuz plays native 96K/192K)	Integrates Tidal/Qobuz favourites to your music library along with your own material	Integrates Tidal/Qobuz to your music library along with your own material

**Playback Apps LMS:** Control directly from any device by adding **/material** to the LMS IP address (example: 192.168.1.xx:9000/material) (Install Material Skin Plugin if it is not active) Squeezebox Apps for Apple/Android may also be used. (**Orange Squeeze / Squeezer** (Android) or **iPeng / Squeezepad**) (Apple) You can also control most functions directly from the Nova browser interface

**Roon:** Your DAC will show as **Local Output**. **Roon Ready** endpoints such as **UltraRendu** will show as **network players**. (Tick **Squeezebox Compatibility** for Roon to play to Squeezebox, or Squeezelite players inc **DAC32**) On our more powerful systems, you can direct Roon output via **HQPlayer** server/endpoint for possible quality improvements. HQP licence required after test period.



**Audio App Switcher** -If you set more than one output App (Roon, LMS, DLNA etc) then you can quickly switch between them with this App

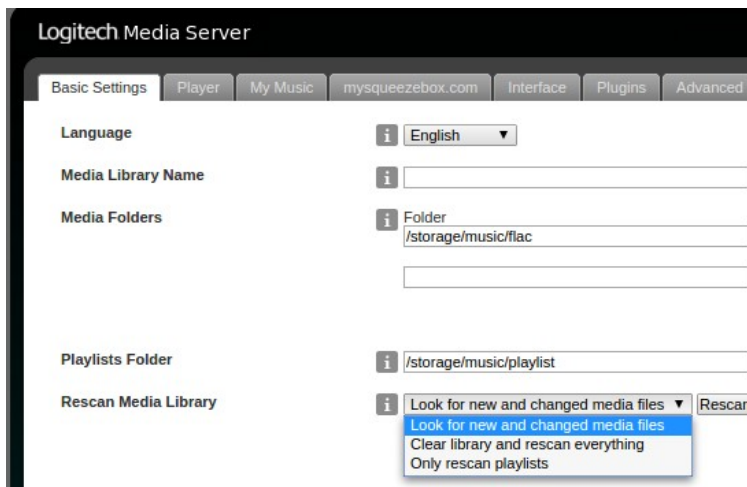
**Sonore UPnP Bridge** can enable Naim/Linn/Melco (and others) for playback from Roon. (Sonore Bridge is beta software, subject to change)

1. First go to Nova/Apps/Software manager/Installed Apps and un-install Squeezebox Server (if installed)
2. Set your streamer to media player. Go to Nova/Settings/Sonore UPnP Bridge. Select your detected device (renderer) /Save
3. In Roon, Enable Squeezebox Support. Then go to Roon/Settings/Audio. Enable the SonoreUPnP Bridge under Network

Our onboard Songkong option can offer enhanced compatibility with Naim files. This can read 'hidden' Melco files for you

**Ripping a CD:** Select CD Import Icon. Multiple databases are searched and verified with audio fingerprints. Album Art is displayed. CD will be Ejected automatically after ripping. **Manual Eject** by pressing **Abort CD Import**. CDs must comply with 'Red Book' specifications

**Copy your music to Nova:** Nova shows in network filing on PC (and MAC). Otherwise type win+R and enter \\ip address\ Copy (or Delete) existing music/downloads to sonicorbiter/storage/music/flac Supports flac, alac, MP3, wav, and others (all in flac folder) Use sub-folders if you wish. Windows 10/11 users may need Samba (SMB) re-enabling following recent Microsoft updates. (Windows 10 v1709 and higher) Best Win 10/11 fix is: [https://support-en.wd.com/app/answers/detail/a\\_id/4155](https://support-en.wd.com/app/answers/detail/a_id/4155)



Monthly 'Spring Clean' your music library with '**Clear library and re-scan everything**' This re-builds library indexes and Album Art cache files used to speed-up searching

If you wish to control volume from LMS or Apps go to **Squeezebox Server/Settings/Player/Audio/Volume Control** and Apply the setting required

You can adjust many other settings in the Squeezebox server. Make a note of any changes made as it may be difficult to remember later

Most playback Apps also have 'Re-scan library' and other functions, usually as 'Maintenance' features

Roon, and other server SW have similar facilities

Squeezebox users should register at <http://www.mysqueezebox.com> – then enter details into mysqueezebox.com tab

**Squeezebox (or Squeezebox compatible) network players:** provide all Nova features. Controlled by Squeezebox App/browser they allow multi-room playback. Our **DAC32** is an example, or, for best quality connect by microRendu/USB DAC locally or in multi-rooms

**Drive Mounter:** Use this to mount a USB (exfat format) or NAS drive for playback of music, pictures, and video. Roon/LMS etc is preset to mount these locations although you may not see the files until the library is re-indexed. Select your drive from Nova/Settings/Drive Mounter

**Storage Backup:** Load Storage Backup App. Attach USB drive. Click Nova/Apps/**Storage Backup**. (USB drive is formatted by Nova when first used, so, existing data will be lost) Restore by attaching the drive to a network computer and copying music back. Or load/use Nova **Resilio** App



**Additional Apps in Nova System** (Enable from the Nova Software Manager if not pre-loaded)

**DAC32/DIGI32:** Connect to WiFi. These automatically appear as Squeezebox players. They also support Airplay and Bluetooth (+Roon via SB)

**Use with Sonos:** Load **Sonos Auto Connect** App from Software Manager. Go to Settings/Sonos Auto Connect, tick the box, Save. If manual connection is required set the Sonos library on your Sonos supplied App. User name/password is NOT required.(\\sonicorbiter\storage\music\flac for Apple devices) (/sonicorbiter/storage/music/flac for Android) You may not see the music for a few minutes as Sonos will index first. Playback with the Sonos supplied App. The Sonos library is limited to 64,000 tracks. Sonos will NOT \*play HiRes music (Except via Roon Server)

**Sonos with Roon:** Enable Squeezebox support in Roon. Sonos will appear as players. (You **MUST** uninstall Squeezebox Server from Nova)

**Tidal:** Squeezebox Server / App Gallery (Tidal) Enter your details on mysqueezebox.com site (Also with 1<sup>st</sup> MQA unwrap via Roon)

**Spotify Premium:** Squeezebox Server / Settings (RHS bottom) / Advanced / Spotty Spotify for Squeezebox/Agree/Apply. Then follow the instruction in Settings. When done you will find the Spotify Playback App on the Mainpage Squeezebox Apps list

**Qobuz:** HiFi/HiRes versions supported. Squeezebox Server / Settings (RHS bottom) / Advanced / Qobuz/ Password / Select >96KHz /Apply

**Deezer:** Squeezebox Server / App Gallery (Deezer) / Enter details on mysqueezebox.com site

**Radio Paradise** (4 stations of free flac radio): Including support for 'Play another Tune' (play a different track with forward key)

**BBC Sounds:** This App plays live and archived BBC programmes. Pre-set under My Apps or Radio on Squeezebox Server. You will need a BBC login to search it Nova/Apps/Logitech Media Server/Settings/Advanced/BBC Sounds

**DLNA Server:** (For use with: Naim, Linn, Marantz, Denon etc) Load the DLNA Server App from Software Manager. NOVA will be seen by DLNA Control Point Apps as a DLNA Server. You can install Minimserver and/or BubbleUPnP for broader range of UPnP capabilities. NOVA will also stream external \*video files copied to sonicorbiter/files/movies folder (load a DLNA server App from NOVA Software Manager, for example, PLEX (\*Network video playback, not HDMI)

**Airplay** devices can play through the system if the **Shairport App** is enabled (this is Airplay input from device to Nova)

**HQ Player NAA:** Load the App from Software Manager. You also need the HQPlayer (paid App) main application running on a separate computer or a high power Sonicorbiter server such as Prestige Xtreme (or XL for less demanding)

**YMPD:** is a lightweight MPD (Music Player Daemon) web client, tuned for minimal resource usage

**Subsonic:** Your complete, personal media streamer. - Access your music remotely (paid App)

**PLEX:** Load Plex from Software Manager. Use a Plex Renderer app running on another device to render, for example, movies to a screen Many Smart TVs can act as a Plex renderer. Plex Media Server can also act as a DLNA Server to other devices (paid App)

**Bliss:** This App can help with managing your music library and correcting/checking music tagging (paid App)

**SongKong:** an alternative to Bliss, this subscription App can help with managing, correcting/checking music tagging (paid App)

*This product is intended to allow easy access of the users own media. Storage of music on digital systems is illegal in some countries. The purchases and users of this product agree to indemnify and hold Audiostore Ltd harmless from and against any claims of infringement of any proprietary rights of others from use of this product. Do not use the system for illegal file sharing or copying of music or video.*

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