Thank you for choosing the LIV Juke Music Server. The Juke is powered by the VortexBox software and in normal use the Juke requires only mains power and Internet connection using an ethernet network cable. A keyboard and screen are not required.

Start by connecting the Ethernet cable to your router and then connect the Juke to mains power. The server will then start automatically and it will take around 1 minute to initialise. Power down the same way by clicking once and waiting up to a minute to turn off. Hold in the front button for 5 seconds to force a power off.

To maximise life of the system, the Juke Music Server should be installed in a ventilated space away from heat sources or direct sun. If the Juke powers down automatically please check that it is not overheating.

Ripping a CD to the Juke Music Server

The rip process is completely automatic. To store a CD just insert it in the CD drive. After around 5 minutes the ripping process should be completed and the CD will be ejected. The music will have been converted to lossless FLAC format together with track listing and cover art.

You can check the status of the ripping process by using the Vortexbox Configuration page on http://juke/ripstatus.php. A practical way of regularly checking the CD Ripping Status is to create a shortcut on an iOS/Android device to the CD/DVD Ripper section. This way you can check easily what’s the status of the process without having to turn your computer on.

Please make sure to clean the CD before inserting on the Juke. Dirty or scratched CDs will take longer to rip or even fail. This is because the Juke tries to perform a very accurate rip so if it fails to read a sector of the CD, it will try numerous times before either succeeding or giving up. If a CD is taking a long time to rip (>30 minutes) or doesn’t seem to have ripped any tracks, please consult the CD/DVD Ripper section on the Vortexbox Configuration to check for any errors.

Accessing your files on the Juke Music Server

The Juke Music Server can be accessed directly via the Network, just as a regular Network Attached Storage (NAS) device. To access the folders, follow the instructions below:

**Using Windows**

The Juke will show on your network with the name JUKE. To copy your music into the Juke, follow these steps:

1. Start Windows Explorer and click on network. A list of computers will be presented. Double-click on JUKE.
2. If the Juke doesn’t show up in the Network, then click start and type \juke on Search programs and files box.

**Using Mac OS X**

The Juke will show up automatically on the Finder as a Shared Server. To copy your music into the Juke, follow these steps:

1. Start Finder and click on Juke listed in the Shared area. Click on juke.
2. If the Juke doesn’t show up in the Shared area, then on the Finder click Go -> Connect. On the Server Address box type smb://juke and then click Connect. You can then choose which shared folder to access.

**Shared Folder Layout**

The Juke Music Server creates the following shared folders

- Files (Read and Write Permissions)
All folders except the Files folder are read-only. The reason for this is that some music players change the properties of the files so any metadata the Juke added could be overwritten. Inside the Files folder are Music, Movies and Pictures folders. These are the same folders as the ones on the root, however these have read/write access so you can make any modifications here.

Copying your music to the Juke Music Server

All CDs ripped by the Juke are stored automatically on the Files->Music->Flac folder. This is the folder you will copy your existing music to, even if it’s not in the flac format (e.g. your iTunes music).

If you’re using Squeezebox or the Juke Music Player, you will need to instruct the Logitech Media Server to rescan your library for new music. If using Sonos, then you need to instruct Sonos to reindex your library.

Deleting albums and files from the Juke Music Server

If you need to delete an album (e.g. a duplicate rip) you can delete it by navigating to the Files->Music->Flac folder and deleting the respective folder.

Do not try to delete the album/file from the Music or Sonos-Flac folders as they are read-only and should be used only for streaming music.

Managing Unknown Albums

There’s a possibility the Juke Music Server is not able to find information or album art on some CDs, particularly those less mainstream. In order to correct these albums, we recommend using MP3Tag, a free utility that allows you to search for album metadata and add those tags to the music files.


In order to manually tag the Unknown album, follow these instructions:

1. Go to the Files->Music->Flac folder and rename to Unknown Artist folder to the right Artist Name.
2. Enter the Artist folder and rename the Unknown Album to the Album Name
3. Open the Album folder on MP3Tag and manually search for the album information.

Using the Juke Music Server with the Logitech Squeezebox Audio System

The Juke includes the latest version of the Logitech Media pre-installed and pre-configured. Your Squeezeboxes will detect it automatically, providing immediate access to your Music Library. No further action is required.

Using the Juke with the Sonos Audio System

The Juke can also include a Web Interface to control Sonos as well as automatic indexing of CDs after they’ve been stored. In order for Sonos to know where the music library is, follow the steps below:

1. Start the Sonos Desktop Controller Software
2. Click on the Music menu, and select Set Up Music Library.
3. Click Add a Share (Add if you’re using a Mac) and select Add music stored in folders that are currently shared on my network.
4. Type the \Juke\music\flac for the music folder or click Browse to search for it. Click Next.
5. Click OK to confirm.
Using the Juke Music Player

Your Juke comes pre-configured with a music player so you can either connect power speakers to the Green 3.5mm jack on the back of the Juke or connect a USB DAC/AV Receiver with an USB cable. By default, the Juke Player is configured to output music via USB.

The Juke Player can be controlled by any Squeezebox compatible remote control, such as the Web Interface on the Logitech Media Server (http://juke:9000), Logitech Duet Controller and apps for iOS/Android.

One restriction of using the Logitech system is that gapless album playback is not supported. To use gapless album playback, you can use MPoD for iOS and MPDroid on Android.

MPoD will automatically detect the Juke so you can choose from the list of servers on the application. MPDroid requires connecting using the Juke’s IP address. This can be found at http://juke.

Configuring the Juke Music Server

The Juke Music Server is fully managed and configured remotely from any PC or Laptop via your local network.

Accessing the Vortexbox Configuration page from a Windows/Linux system

To access the Vortexbox Configuration page from Windows, simply start your preferred browser and navigate to http://juke.

Accessing the Vortexbox Configuration page from an OS X or iOS device

If you wish to access it from an iOS device, please type http://juke.local on your Safari browser.

Accessing the Vortexbox Configuration page from an Android device

Android devices can only access the configuration page by using the IP address, so you should first access the configuration page using a laptop/PC, take note of the IP address and then typing http://<IP> on your device’s browser.

Configuration Options

The Vortexbox Configuration page contains the following configuration options:

- **VortexBox Home**
- **General Server Information**
- **Logitech Media Server**
- **CD/DVD Ripping Status**
- **DVD Ripping settings**
- **Mirroring FLAC to MP3 / Apple Lossless**
- **System Information Screen**
- **Network Configuration, IP setting**
- **Set Sonos share**
- **System Configuration**
- **Control over services**
- **USB Backup**
- **DLNA Server settings**
- **Bliss**
- **Album art and management**
Icons for services such as SONOS, Subsonic, Bit-Torrent will be displayed if they are enabled.

SONOS Web Control

Backing Up Your Music

Attach an external USB drive to back-up all of your music, pictures, documents and video. After connecting click the Backup button in the USB Backup Icon in the VWM.

Note: The USB drive is formatted by the Juke when first enabled so that existing data on it will be lost!

Next time you enable backup it will only add your new files to the backup, including items added from external sources. Connect the USB drive to a computer on your network to copy the music back to the Juke via the network. Alternatively you can backup any of your files by copying the Juke data to other network computers.

More information on backup and filing can be found at http://vortexbox.org.

Advanced Operation

When the Juke powers up it displays the system IP address on an attached screen. Connect a keyboard and screen (or use 'Putty' from another computer) to enter commands or add non-standard features. To log into the command line console on the Juke enter the following:

User: root  Password: liv12345

For more information visit http://vortexbox.org/documentation/ or the VortexBox user forum at http://vortexbox.org/forum/. You can also contact LiV on support@livconcepts.co.uk.