

## JRiver configuration for use with the Naim DAC-V1

JRiver is a licensed Jukebox style audio player for Windows which supports bit perfect playback of audio files (including high sample rate and 24 bit files) when used with an appropriate audio playback device that supports exclusive access mode. As such it is an ideal application to use with the Naim DAC-V1.

JRiver is a paid-for application but does allow a limited period of license-free evaluation. Naim Audio Ltd have no affiliation or connection with the authors of JRiver and these instructions do not comprise any specific recommendation for the use of JRiver with Naim products.

The instructions here are provided simply to assist customers to obtain the performance from their Naim product that they would expect.

To use JRiver with the Naim DAC-V1 you will need to install JRiver and configure it appropriately. The required procedure and settings are given in this document.

## **Installing JRiver**

Once you have downloaded the JRiver installer please run the installer by double clicking the JRiver installer icon (or right click the icon and select "Open").

Unless you have specific requirements then we suggest selecting the "Express" installation which installs the application with the default set of components and options. The installer will pause a number of times through the installation to allow you to further customise the application but for now we would suggest that you accept the default options and simply select "Next" or "Continue" when prompted.



## **Configuring JRiver**

Once JRiver is installed then we need to configure it accordingly for use with the DAC-V1. Select the "Options" entry from the JRiver "Tools" tab...

	Acquire Images Rip Disc	
Playing Now Player	Burn Disc Advanced Tools	•
Playing from Main I Audio Images Video	Send To Library Tools Cover Art Locate	) ) )
Performer Store Podcasts	Links	*
Playlists	Options	Ctrl+0
Drives & Devices Services & Plug-ins	ь 	

Firstly, from the "Audio Output" -> "Output Mode" dropdown select "WASAPI - Event Style".





Then from the "Output Mode Settings" dropdown immediately below select the Naim DAC-V1 as the default audio device...

	WASAPI Settings	x
Device		
Device:	(Default)	
🛛 Open	(Default) SPDIF (RME Fireface 400) ADAT (5+6) (RME Fireface 400) ADAT (1+2) (RME Fireface 400)	
Maxir	Speakers (Naim DAC-VI. Audiophilleo.com) ADAT (3+4) (RME Fireface 400) ADAT (7+8) (RME Fireface 400)	
Bufferi	ing	
Hardwar	re buffer size: 100 milliseconds (recommended)	
NOTE: In but also i kick in.	creasing buffering makes playback less likely to skip and hiccup, increases the time it takes for cross-fades and smooth-seeks to	
	OK Cancel	

...and ensure that "Open Device for Exclusive Access" is also selected.

WASAPI Settings X
Device
Device: Speakers (Naim DAC-V1. Audiophilleo.com)
Open device for exclusive access
Present 24-bit data in a 32-bit package (required by some hardware)
Maximize device volume during playback
Buffering
Hardware buffer size: 100 milliseconds (recommended)
NOTE: Increasing buffering makes playback less likely to skip and hiccup, but also increases the time it takes for cross-fades and smooth-seeks to kick in.
OK Cancel



Now, from the "Track Change" section ensure that the "Do not play silence (leading and trailing)" and "Use gapless for sequential album tracks" options are selected.

	Options	
Audio	✓ Audio Output	
🚝 Burning	Output mode: WASAPI - Event Style	
CD, DVD & BD	Output mode settings	
Recoding	▼ Settings	
Eile Location	DSP & output format Window Ship	
	Distreaming: None (recommended) Prebuffering: 6 seconds (recommended)	
File Types	Play silence at startup for hardware synchronization: None	
🔯 General	Play files from memory instead of disk (not zone-specific)	
🕛 Handheld	Disable display from turning off (useful for HDMI audio)	
🐻 Images	▼ Track Change	
Library & Folders	Switch tracks: Cross-fade (aggressive) - 4s	
Media Network	Do not play silence (leading and trailing)	
Bodcact	Use gapless for sequential album tracks	
	▼ Stop, Seek & Skip	
N Remote Control	Seek: Smooth (normal)	
Services	Stop: Fadeout (fast)	
Startup	■ Pause: Fade (fast)	
Television	i Jump benavior: Porward 50 seconds, backward 10 seconds	
Theater View	Volume	
Tree & View	Volume Protection	
Video		
	NOTE: Changes take effect once playback is stopped	
Type your search here	OK Cancel	Help

Select "OK" to accept your settings - JRiver is now configured to allow bitperfect playback of audio files via the Naim DAC-V1.



**WASAPI -PUSH operation** : We normally suggest that "WASAPI - Event Style" mode is used as this is generally more stable however "WASAPI - Push" (otherwise known as "WASAPI" in JRiver) can be used if required. In that event please configure as follows.

Firstly, from the "Audio Output" -> "Output Mode" dropdown select "WASAPI".



Then from the "Output Mode Settings" dropdown immediately below select the Naim DAC-V1 as the default audio device...

	WASAPI Settings X
Device	
Device:	(Default)
🛛 Open	(Default) SPDIF (RME Fireface 400) ADAT (5+6) (RME Fireface 400) ADAT (1+2) (RME Fireface 400)
Maxir	ADAT (3+4) (RME Fireface 400)
Buffori	ADAT (7+8) (RME Fireface 400)
Hardware	e buffer size: 100 milliseconds (recommended)
NOTE: In but also i kick in.	creasing buffering makes playback less likely to skip and hiccup, increases the time it takes for cross-fades and smooth-seeks to
	OK Cancel



...and ensure that "Open Device for Exclusive Access" and the "Flush Device Buffers" options are also selected.



Now, from the "Track Change" section ensure that the "Do not play silence (leading and trailing)" and "Use gapless for sequential album tracks" options are selected.





Select "OK" to accept your settings - JRiver is now configured to allow bitperfect playback of audio files via the Naim DAC-V1. Once you have set up your software then you should test that you are able to drive your DAC "bitperfect" ... this is done by selecting the "Settings" -> "BitPerfect" on your DAC-V1, the DAC-V1 will then display:

USB BitPerfect Test
Play the BitPerfect audio file.
Test statistics will be displayed
when the test audio is
identified by the DAC-V1.
Make sure the playback
application volume is set to
maximum and that its sample
rate setting matches the test
audio file. Audio output is
disabled in during BitPerfect
tests. If errors are detected the

You should then play the bitperfect test files – as the file begins to play the DAC-V1 will display the following message:



USB BitPerfect Test
Searching for
test audio

As the audio file progresses, the DAC-V1 will update the display to indicate how far through the test file it is, if any errors are found then they will be shown on this display.



Once the file has completed then you should see the following:



If you do not then please check your settings are the same as above and retest.