# CREATING A MUSIC LIBRARY

You need to point JRiver to where your music is located on your computer or elsewhere on your network, such as a NAS drive. This is a curosy overview. For more detailed information on libraries, please search the JRiver Wiki. Some version of JRiver may vary slightly. If you already have your library setup, you can skip to the next section.

1. Click on File>>Library>>Import..

File Edit View Player Tools Help	
Open Media File Open URL	
Open Live Ouick Plav	
Library	Import
Print Images	✓ Main Library

2. Select your preferred method of adding/importing and monitoring your music folder(s). Click "Next" then click the "Add..." button to select a drive, folder, or location. Click "Finish" when done.

Media Import	Media Import
Please select the type of search you want to use: Import a single folder Allows you to add a single folder of content to your library. Configure Auto-Import Provides a list of folders that the program will automatically stay synchronized with. Run Auto-Import Now Runs auto-import now using your last settings.	Folders         Add folders you would like the program to watch.         FN         Add         Remove         Edit         Tasks         Select any additional tasks that Auto-Import should perform.         Analyze audio for audio files         Analyze audio for video files         Baild humbnalis
Gack Net > Cancel	Get cover art Get movie & Y info Update for external changes Fix broken links: Yes (protect files on missing drives)

3. Click Tools>>Options to ope the "Options" box and select "Library & Folders". Check you preferneces as desired or shown.



## AUDIO SETTINGS

General audio setting to optimize with the DMS-500 and AiOS.

1. Click on "Audio" tab in Options and use the following settings;

		Options 🗆	×
Audio	Zone to configure:	Player	~
🖲 Burning	Audio Device		
<ul> <li>Burning</li> <li>CD, DVD &amp; BD</li> <li>Encoding</li> <li>File Location</li> <li>File Types</li> <li>General</li> <li>Handheld</li> <li>Images</li> <li>Library &amp; Folders</li> <li>Media Network</li> <li>Podcast</li> <li>Remote Control</li> <li>Services</li> <li>Startup</li> <li>Television</li> <li>Theater View</li> <li>Tree &amp; View</li> </ul>	<ul> <li>Audio Device</li> <li>Default Audi         <ul> <li>Device setting</li> <li>Device setting</li> <li>DSP &amp; outpu</li> <li>ZoneSwitch</li> <li>Bitstreaming</li> <li>Prebuffering;</li> <li>Play silence a</li> <li>Play files fror</li> <li>Disable displ</li> </ul> </li> <li>Track Change</li> <li>Switch tracks</li> <li>Do not play si</li> <li>Use gapless f</li> <li>Stop, Seek &amp; 2</li> <li>Seek: Smootl</li> <li>Stop: Fadeou</li> <li>Pause: Fade i<ul> <li>Jump behavi</li> <li>Volume</li> </ul> </li> </ul>	<ul> <li>b Device [Direct Sound]</li> <li>gs</li> <li>t format</li> <li></li> <li>Yes (DSD)</li> <li>6 seconds (recommended)</li> <li>it startup for hardware synchronization: None</li> <li>in memory instead of disk (not zone-specific)</li> <li>ay from turning off (useful for HDMI audio)</li> <li>: Cross-fade (aggressive) - 4 s</li> <li>illence (leading and trailing)</li> <li>or sequential album tracks</li> <li>Skip</li> <li>n (normal)</li> <li>t (fast)</li> <li>fast)</li> <li>or: Forward 30 seconds, backward 10 seconds</li> </ul>	
Type your search here	] NOTE: Changes take	effect once playback is stopped OK Cancel H	lelp

	Options		×
Audio	Zone to configure: Player		~
🖲 Burning	▼ Audio Device		•
💽 CD, DVD & BD	Default Audio Device [Direct Sound]		
Encoding	Device settings		
File Location	Default Audio Device [Direct Sound] ×		
😚 File Types	Device		
🗹 General	Channels: Default Channels (recommended)		
👔 Handheld			
🔯 Images	Buffering		
🔂 Library & Folders	•		
😌 Media Network	More Skip 0.25 seconds More Resistant Responsive		
Podcast	nesponsive.		
Remote Control	NOLE: Increasing buffering makes playback more skip resistant, but also increases latency (the time it takes for pause, seek, volume, DSP, etc. to take		
🕛 Services	effect).		
🕑 Startup			
Television			
Theater View	Pause: Fade (fast)		
🔯 Tree & View	Volume		•
🚼 Video	NOTE: Changes take effect once playback is stopped		
Turse your search here			
Type your search here	OK	Hel	р

2. In the "Audio" tab in Options, click on the "Settings" dropdown and click "...DSP & output format" and use the following settings in DSP Studio.

			Options			
ying N	Audio	Zone to configure: Player	r		~	
D Play	Burning	▼ Audio Device				
Son		✓ Default Audio Devi	ce [Direct Sound]			
🛃 Play		Device settings				
🔁 N	Encoding	- 6-11				
21	File Location	* Settings			<b>^</b>	
	File Types	DSP & output form	at		ľ	
			DSP Studio		- 0	×
	Output Format folume Leveling Adaptive Volume iqualizer	Output Format Playback stopped or current pla Sound can be output in any for output or high sample rates red	ayback doesn't support processing mat. For example, you can listen to an audio uire a sound card capable of these modes.	CD in 5.1 surrou	nd at 32-bit / 192 kHz. Advanced settings like multi-	<u>Options</u> channel
	arametric Equalizer	Output Encoding (more info)		Channels (m	ore info)	
	Headphones	output incouning ( <u>inforennio</u> )				
	empo & Pitch	None	×	Channels:	2 channels (stereo)	~
	loom Correction	Sample rate (more info)		Mixing:	No upmixing or downmixing	~
	Convolution	Click in the output column t	a colorit a campile rate for each input campile	-		
	arametric Equalizer 2	rate. Right-click to set all at	once.		For stereo sources, only mix to 2.1	
A	Analyzer	-	Outrust		Move center to front L/R	
		I are then 44 100 bin	Na shares		Detect stereo sources in surround (pseudo-surro	
		44,100 Hz	No change			
		48,000 Hz	No change	Subwoofer (	more info)	
Proce	ssed in order listed (drag to	88,200 Hz	No change	When sour	rce has no subwoofer (Stereo, etc.) and 'Channels' se	lection
	reorder)	96,000 Hz	No change	includes a	subwoofer, or subwoofer is being downmixed:	
	Manage Plug-ins	176,400 Hz	No change			~
		192,000 Hz	No change			
Clip	protection 👻	352,800 Hz	No change 🗸 🗸	M Sub		
	Peak Level: n/a	Source	: n/a	Interna	l: n/a Load/Save	Help

3. Close DSP Studio and scroll down for more settings as follows.

_	Options		×
Audio	Zone to configure: Player		~
🔁 Burning	▼ Track Change		^
💽 CD, DVD & BD	✓ Switch tracks: Cross-fade (aggressive) - 4 s		
	Do not play silence (leading and trailing)		
File Location	☑ Use gapless for sequential album tracks		
	▼ Stop, Seek & Skip		
File Types	Seek: Smooth (normal)		
General	▼ Stop: Fadeout (fast)		
👔 Handheld	✓ Pause: Fade (tast)		
🛅 Images	Jump benavior: Porward so seconds, backward to seconds		
Library & Folders	Volume		
Media Network	Volume Protection		
	Maximum volume: 100		
Podcast	I Startup volume: -1		
Remote Control	Alternate Mode Settings		
🕛 Services	* Advanced		
U Startup	<ul> <li>Auto configure output settings on playback error: Ask</li> </ul>		
Television	Configure input plug-in		
Theater View	✤ Dither Mode (not zone-specific): JRiver Bit-exact Dithering		
	<ul> <li>Live playback latency: 50 milliseconds (recommended)</li> </ul>		
Iree & View	☑ Write tool name and version		•
🚼 Video	NOTE: Changes take effect once playback is stopped		
			_
Type your search here	OK Cancel	Help	
		_	

4. As an extra precaution, select "File Types" in Options. For "Audio" select "Yes" for all desired playback/association for each file type by highlighting it, and checking the box "File Association". For the Playback method, select "Automatic" from the dropdown.

	Орта	ons			^
Audio	File Type	File Association	Playback Method		
	Audio				^
Burning	AAC Audio (m4a,aac,3ga)	Yes	Automatic		
💽 CD, DVD & BD	AC3 Audio (ac3)	Yes	Automatic		- 11
Encoding	AIF Audio (aif,aifc,aiff)	Yes	Automatic		
	ALAC Audio (m4a)	Yes	Automatic		
R File Location	AU Audio (au,snd)	Yes	Automatic		
File Types	Audible Audio (aa)	Yes	Automatic		
	CAF (caf)	Yes	Automatic		
General General	CAF Audio (caf)	Yes	Automatic		
Handheld	CD Audio (cda)	Yes	Automatic		
	CUE Files (cue)	Yes	Automatic		
U Images	DSD Audio (dff,dsf,sacd)	Yes	Automatic		
🔂 Library & Folders	DTS Audio (dts)	Yes	Automatic		
Media Network	FLAC Audio (flac,fla,flac16,flac24)	Yes	Automatic		
	iTunes Protected Audio (m4p,m4b)	Yes	Automatic		
Podcast	Matroska Audio (mka)	Yes	Automatic		•
Remote Control	Settings For File Types Selected Above				
🕛 Services	File Type: No file types selected				
🕑 Startup	File Association:				
Television	Setting the File Association will make Media	Center the default player, so	double-click in Explorer wi	ll open the file with	
Theater View	Media Center.				
🔯 Tree & View	Playback Method: Automatic				×
🔛 Video					
Type your search here			ОК	Cancel Hel	lp

#### ADD OR CONFIGURE DLNA SERVERS

Use the follwing setting to setup JRiver to recognize a network DAC, such as the DMS-500 or AiOS.

- 1. Select the "Media Network" Tab in Options, click on "...Add or configure DLNA servers..."
- 2. Add a DLNA Server by clicking "Add..." Button then select "Audiophile 24-bit DAC".



3. Check off the following options for the DLNA Server box.

	Options D X
Audio	Image: Use Media Network to share this library and enable DLNA          Access Key: cUeogA         Image: Authentication (must be on to use Library Server Sync)          Add or configure DLNA servers
<ul> <li>Encoding</li> <li>File Locatio</li> <li>File Types</li> <li>General</li> <li>Handheld</li> <li>Images</li> <li>Library &amp; Fe</li> <li>Media Netw</li> <li>Podcast</li> <li>Remote Cor</li> <li>Services</li> <li>Startup</li> <li>Television</li> <li>Theater View</li> <li>Video</li> </ul>	DLNA Servers     X       DLNA Servers allow sharing your media with other DLNA devices on your network. You can add multiple servers with unique settings for each DLNA device. on the network.     Image: Constraint of the network.       Audiophile 24-bit DAC     Add       Remove     Image: Constraint of the network.       Image: Constraint of the network.     Image: Constraint of the network.       Image: Constraint of the network.     Image: Constraint of the network.       Image: Constraint of the network.     Image: Constraint of the network.       Image: Constraint of the network.     Image: Constraint of the network.       Image: Constraint of the network.     Image: Constraint of the network.       Image: Constraint of the network.     Image: Constraint of the network.       Image: Constraint of the network.     Image: Constraint of the network.       Image: Constraint of the network.     Image: Constraint of the network.       Image: Constraint of the network.     Image: Constraint of the network.       Image: Constraint of the network.     Image: Constraint of the network.       Image: Constraint of the network.     Image: Constraint of the network.       Image: Constraint of the network.     Image: Constraint of the network.       Image: Constraint of the network.     Image: Constraint of the network.       Image: Constraint of the network.     Image: Constraint of the network.       Image: Constraint of the network.     Image:
Vindow 🗸	OK Cancel

4. Scroll down for more options to check off or set.

	Options	
Audio Burning CD, DVD & B Encoding File Locatio File Types General Handheld	Image: SD       Use Media Network to share this library and enable DLNA          Access Key: cUeogA          Authentication (must be on to use Library Server Sync)          Add or configure DLNA servers         DLNA Servers       X         DLNA Servers allow sharing your media with other DLNA devices on your network. You can add multiple servers with unique settings for each DLNA device on the network.         Audiophile 24-bit DAC       Add         Penter)       Center)	
<ul> <li>Images</li> <li>Library &amp; Fe</li> <li>Media Netw</li> <li>Podcast</li> <li>Remote Cor</li> <li>Services</li> <li>Startup</li> </ul>	Comparison     Comparison	
Television Theater View Tree & View Video Type your search I	<ul> <li>↓ Volume leveling</li> <li>↓ Sample rate: Same as source</li> <li>… DSP Studio</li> <li>▼ Images</li> <li>↓ Mode: JPEG (1080 TV)</li> <li>▼ Video</li> <li>↓ Mode: Specified output format only when necessary</li> <li>↓ Format: MPEG2/DVD NTSC Stream</li> </ul>	Cancel Help
dow 🗸	OK Cancel	

## MEDIA NETWORK SETTINGS

Afer a DLNA Server is setup, use the following settings in the "Media Network" tab to setup JRiver as a media server;

1. While still in the "Media Network" tab in Options, use the follow settings to check and select.

2. Click the "Audio Conversion" dropdown and select "Don't convert audio" for Conversions and "PCM 24 Bit" for Encoder.



### STARTUP SETTINGS

Enssure JRiver Media Server runs at startup and in the backgraound.

1. Under "Startup" in Options, click on the dropdown arrow "Windows Startup" and select "Run on Windows startup: Media Sever (allows library sharing, television recording, etc.)".



2. If for some reason the "Media Server" has stopped working or did not run at startup, you can reactivate it by clicking Tools>>Advanced Tools>>Media Server, as shown.

