My Settings of the JRiver Media Center 24

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Android Tablet with JRemote App Computer Pipo X12; Windows 10; JRiver Media Center Software DIY-DAC with Audiozon (Mainboard/Display); Soekris dam2021(R2R-DAC); Amanero (USB-Input Interface)



JRiver Media Center on the Computer

JRemote App on the Android-Tablet

- I could not find any manual of the JRiver software on the internet (only bloc's with thousands of question and answers ☺)
- I take many days/weeks to clear, select, organize the CD on the HDD and searching the missing cover on the internet and customised JRiver for my requirement.
- This Instruction Manual will help me later, to change or update something again. JRiver has so many
 possibility © and (most) no explanation what the single point of customising is doing ③
- The "Audiophile", "Nice" or "Standard" etc. selection of the CD's into the different folders is categorized according to my taste of music and ear

JRiver is also an excellent tool to rip disc's and also to search the cover picture in the internet

 I used also the Software "Mp3tag" to "Tag" the missing Metadata information or save the correct or missing cover. The tool is also excellent to find problems in the Metadata of CD. For example: if JRiver splits one CD into XX Album's ☺

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Installation Pre-Settings and Media-Information

- 1. First, change the driver letter of the HDD to N:\ (because the following instruction and customising are mandatory set to the HDD letter \rightarrow N:\)
- 2. Start JRiver-Mediaserver (has to be started at first before the later installation of the JRiver "Android" remote control App)



3. Start JRiver



4. At first clear library

The software deletes all the information of the stored CD-files and settings



5. Confirm Clear Library



6. Options

At first on manual setting on the "Options-Pages"

I'm not sure, this manual setting is included in the one of the next step "backup zip-file" restoring, but it's better to have this settings from beginning on in the settings

File Edit View Player Tools Help

	Import	
	Rip Disc Burn Disc	
Playing Now Plaver	Listening Test Advanced Tools	•
Playing from Main	Send To	•
Audio	Library Tools	•
Albums	Locate	→
Blues - Audiophile	Links	•
 Blues - Nice Blues - Standard Chinese 	Language Options Ctrl+O	•

7. Open Advanced-Folder and activate the box "Support extra-long filenames (experimental) I had some problems to implement CD-Files with very long names



8. Restore Library from HDD

This restore zip-file includes (maybe) all my settings of the software and the information of the CD-files and folder structure of the HDD N:\

File Edit View Player Tools Help	
Open Media File Open URL Open Live	
Quick Play	
Library	Import
Print Images Print List	✓ Main Library
Import Playlist Export Playlist	Library Manager
Export All Playlists	Sync Library
Export to iTunes & iPhone	Export to XML
Exit Alt+F4	Back Up Library Ctrl+Shift+B
Classical - Composer - Collection	Clear Library
Classical - Laber - Collection	Connect to Remote Library

9. Select the **newest** zip-file from the HDD-Folder: JRiver\Archiv_Library\MC Library Backup (Main Library - 2019-zip

Restore Library	×
Filename	
Please select the the library backup to restore:	
N:\JRiver\Archive_Library\MC Library Backup (Main Library - 2019-01-13 14-06).zip	Browse
View automatic library backups by opening the combobox above.	
Options ✓ Restore library and playlists ✓ Restore settings	
ОК	Cancel

10. Info after you press the "OK-Button" and then JRiver will restart again



11. After the restart on the left side the structure like the folder on the HDD (maybe it takes some time to rebuild the thumbnails of the disc cover)

Select "Albums" and all the stored Disc-Album-Covers are displayed



12. Example: select "Jazz - Audiophile", only the Disc of the HDD-folder N:\Music\Jazz-Audiophile are displayed



Change / create new settings

1. Customize new View: Click with right Mouse-Button on "Album" and select "Customise View" File Edit View Player Tools Help



2. Press button "Add..



3. Select "File path" and select the new desired folder on the HDD

		Category		×
Type Library field File path Playlist group Expression Search list Special	Select Path]		Browse
Settings	[ai]			
Sorting:	Ascending			Y
Matching:	Match any			
Grouping (i.e				
Grouping Size:				
			ОК	Cancel

4. Example: Select "Location (N:\Music\Test\) press "Move Up" button



 Now, JRiver will select at first the CD-information of the folder \Music\Test and then display the albums of this folder
 Brass butten "OK"

	2	Customise View	×
View As View As: Categories Show Categories In This Order: Location (N\Music\Test\) Album	V Add Edit Remove Preset Move Up Move Up Move Down	Settings Chart Metric: Number of files Included Files Set rules for file display Use parent scheme rules for file display View Details Always show files Display an alphabet Tree Allow tree selection Image: Audio Position: Automatic Support tree browsing	Lists You can customize the lists inside this view by mousing over the view header menu and selecting list styles, sorting, and more.

6. Press button "Save As New View



7. Select "Albums Copy" an click right button on mouse



8. Change the name from "Albums Copy" into "Test" for the new View



9. The new view will show the albums of the folder "Test"



Output Driver

1. Select Output Device / Driver

ASIO Driver of DAC-Input Device has at first installed on the computer (here the Amanero USB Driver) Amanero Technologies Streming (Kernel Streming) is like ASIO Driver Audio Volume adjustment in JRiver Program and JRemot App is possible

🔈 Audio	Zone to configure: Player	
Burning	Y Audio Device	
💽 CD, DVD & BD	 Amanero Technologies Streaming [Kernel Streaming] 	
Encoding	Default Audio Device [Direct Sound] Combo344 ASIO 1.03 [ASIO]	
File Location	Yamaha Steinberg USB [ASIO]	
😣 File Types	 Digitale Ausgabe (Amanero Technologies USB Driver 1.0.62) [WASAPI] 	
🗹 General	Lautsprecher (High Definition Audio-Gerät) [WASAPI]	(Annual Taskaslania Channels IV) and Channels 1
Handheld	· More	Digitale Ausgabe (Amanero Technologies USB Driver 1.0.62) [Direct Sound]
Library & Folders	Prebuffering: 6 seconds (recommended) Play silence at startup for hardware synchronization: None	Lautsprecher (High Definition Audio-Gerät) [Direct Sound]
🚱 Media Network	✓ Disable display from turning off (useful for HDMI audio)	Disk Writer Network Streamer
Podcast	Use SoX for resampling	Null Output
Remote Control	▼ Track Change	

2. Amanero Kernel Streaming Settings

	Kernel Streaming Settings	×
Bitdepth		
24-bit integer	v	
Buffering	_	
More Skip Resistant	0.50 seconds	More Responsive
NOTE: Increasing bu increases latency (th take effect). Volume	ffering makes playback more skip e time it takes for pause, seek, vol	resistant, but also lume, DSP, etc. to
Kernel streaming de names. Please selec control.	vice names do not always match \ t the corresponding Windows dev	Nindows device ice for volume
Volume device: (A	utomatically try to choose at playb	oack time) 🛛
control. Volume device: (Ai	utomatically try to choose at playb	back time)

Change settings of DSP

 Select DSP Studio and change Output-Sampler rate (more info) for max. sample rate of Amanero-USB and Soekris-DAC 352,8kHz (384,0kHz)

Save settir	ngs						
🔈 Audio	Zone to configure: Play	er					
Burning	▼ Audio Device						
CD. DVD & BD	 Amanero Technol 	ogies Streaming [Kernel Streaming	1				
Encoding	··· Device settings						
R File Location	▼ Settings						
😚 File Types	DSP & output for	nat	DCP Studio				
General			D3F 3tudio				
Handhold	Output Format	Output Format					Options
Handheid	Volume Leveling	Enabled and processing 96 kHz 6	4bit 2ch				
Library & Fold	Adaptive Volume	Sound can be output in any form	at. For example, you can listen to an audio	CD in 5.1 surrou	nd at 32-bit / 192 kHz. Advanced s	ettings like multi-ch	annel
😫 Media Netwo	Parametric Equalizer	output or high sample rates requ	ire a sound card capable of these modes.				
Podcast	Effects	Output Encoding (more info)		Channels (m	ore info)		
Remote Conti	Headphones	None	~	Channels:	2 channels (stereo)		~
🕛 Services	Room Correction	Sample rate (more info)		Mixing:	JRSS [™] mixing (recommended)		~
U Startup	Convolution	Click in the output column to	select a sample rate for each input sample		For stereo sources, only mix to		
E Theater View	Analyzer	rate. Right-click to set all at o	nce.	-	The second secon		
Tree & View		Input	Output	1	I wove center to mont L/K		
		Less than 44,100 Hz	No change		Detect stereo sources in surrou	nd (pseudo-surrour	nd)
		44,100 Hz	No change	Subwoofer	(more info)		
		48,000 Hz	No change	Subwoorer	(nore into)		
		88,200 Hz	No change	When sour	rce has no subwoofer (Stereo, etc.)	and 'Channels' selec	tion
		96,000 Hz	No change	Includes a	subwooter, or subwooter is being o	iownmixed:	
		176,400 Hz	No change	JRSS S	ubwoofer (20 Hz low-pass)		~
	Deserved in ander listed (deserve	192,000 Hz	No change				
	reorder)	352,800 Hz	No change	🗹 Sub			
	Manage Plug-ins						
	Clip protection V						
	Peak Level: 3%	Source: 96 kHz	z 24bit 2ch	Internal: 96	5 kHz 64bit 2ch	Load/Save	Help
		Input	Output	1			
		176,400 Hz	No change				
		192,000 Hz	No change				
		352 800 Hz	No change				
		224 000 Hz	Ne shapped				
		204,000 HZ	No change				
		705,600 Hz	352,800 Hz				
		768,000 Hz	352,800 Hz				
		Greater than 768,000 Hz	352,800 Hz				
		-					

11. Klick on the Loudspeaker-Symbol and the Menu will open

Select "Internal Volume" even with an ASIO-Driver you can adjust Volume also with JRemote App



Delete / create / backup Library (including all Settings)

1. Clear Library it will delete all the information of the Library

ile Edit View Player Tools Help		
Open Media File Open URL		
Open Live		
Quick Play	•	
Library	Minport	2
Print Images	✓ Main Library	
Print List		
Import Plavlist		
Export Playlist	Library Manager	
Export All Playlists	Sync Library	
Export to iTunes & iPhone	Export to XML	
Evit Alt+E4	Back Up Library Ctrl+Shift+B	L
	Restore Library	
Latin - Standard	Clear Library	
Miscellaneous - Audiophile	Connected Descent Library	
Miscellaneous - Nice	Connect to Remote Library	
Miscellaneous - Standard		

2. Attention: press button "Clear Library" all the information are gone incl. all settings of JRiver Attention: to delete only the information of one single folder is not so simple (see information later)



3. Crate an complete new Library of the HDD N:\Music\

The views of the each single folder has to be created manually (lot of work!)

ile Edit View Player Tools Help		
Open Media File Open URL		
Open Live		
Quick Play	•	
Library	Import	
Print Images	✓ Main Library	
Print List		
Import Playlist		
Export Playlist	Library Manager	
Export All Playlists	Sync Library	
Export to iTunes & iPhone	Export to XML	
Exit Alt+F4	Back Up Library Ctrl+Sh	ift+B
N Classical Composer Collection	Restore Library	
Classical - Label - Collection	Clear Library	
Classical - Single - Disc	Connect to Remote Library	
Charles angle bloc		

4. Create a complete new library of the HDD It will take a long time to create all the thumbnails!

Media Import	
Please select the folder to search: N:\Music\	Browse
Apply these tags (optional):	
	Add Edit Remove
Analyze audio on new files	
□ Ignore special files (folder,jpg, etc.)	
< Back Finish	Cancel

5. Configure Auto Import and stay synchronized with the selected folder(s) of the HDD

		×
Media Import		
Please select the type of search you want to use:		
O Import a single folder		
Allows you to add a single folder of content to your library.		
Ornfigure Auto-Import Provides a list of folders that the program will automatically stay synchronized with.		
O Run Auto-Import Now		
Runs auto-import now using your last settings.		
	-	
< Back Next >	Car	ncel

6. Don't change the import selection and press button "Add..."

Media Import	
Folders	
Add folders you would like the program to watch.	
	Add
	Remove
	Edit
Tacke	
Colort on undeficient to be that Auto Imment should perform	
Analyze audio for audio files	
Build thumbhails	
Get cover art	
Ignore files previously removed from library	
Update for external changes	
 Fix broken links: Yes (protect files on missing drives) 	
Write file tags when analyzing audio, getting cover art, and applying folder-ba	sed tags
< Back Finish	Cancel

7. Select a single folder from the HDD and press "OK"

Folder Settings	×
Folder:	
N:\Music\Classical-Composer-Collection\	Browse
Mode:	
Include this folder and all child folders	¥
Import these file types:	
 ▶ ☑ Audio ▶ ☐ Playlists ▶ ☐ Other 	
Apply these tags (optional):	
	Add
Analyze audio on new files	
Ignore special files (folder.jpg, etc.)	
ОК	Cancel

8. Select one or multiple folders and press button "Finish"

JRiver will update the information of the selected folders or one folders always automatically Use this task: when add a new HDD-folder (add also new View (see previous information) Use this task: when add an new CD or changed cover picture or Metadata

Media Import		
Folders		
Add folders you would like the program to watch.		
N:\Music\Classical-Composer-Collection\		Add
N:\Music\Jazz-Audiophile\		Remove
N:\Music\Latin-Audiophile\		
	_	
Tasks		
Select any additional tasks that Auto-Import should perform.		
Analyze audio for audio files		
Build thumbnails		
Get cover art		
Ignore files previously removed from library		
Update for external changes		
 Fix broken links: Yes (protect files on missing drives) 		
Write file tags when analyzing audio, getting cover art, and applying t	folder-based t	ags
		- 2-
< Back	Finish	Cancel

9. Create a backup file of the JRiver settings and CD information

File Edit View Player Tools Help	
Open Media File Open URL Open Live	
Quick Play	
Library	Import
Print Images	✓ Main Library
Print List	
Import Playlist	Library Manager
Export All Playlists	Sync Library
Export to iTunes & iPhone	Export to XML
Exit Alt+F4	Back Up Library Ctrl+Shift+B u Restore Library
🕨 🚺 Latin - Standard	Clear Library
Miscellaneous - Audiophile	Connect to Remote Library
Miscellaneous - Nice	connect to heriote Elotary

10. Save the backup file into the Archive _Library Folder on the HDD $\ N: \$

Speichern unter				×
$\leftarrow \rightarrow \checkmark \uparrow \blacksquare \Rightarrow$ JRiver_Music_	01 (N:) > JRiver > Archive_Library >	~ Ŭ	"Archive_Library" durc	hsuchen 🔎
Organisieren • Neuer Ordner				≣ • 🕜
V JRiver_Music_01 (N:)	Name	Änderungsdatum	Тур	Größe
V JRiver	🔋 MC Library Backup (Main Library - 2019	11.01.2019 17:38	ZIP-komprimierter	1'439 KB
Albums	👔 MC Library Backup (Main Library - 2019	13.01.2019 11:54	ZIP-komprimierter	1'443 KB
Archive_Library Files Videos	MC Library Backup (Main Library - 2019	13.01.2019 14:06	ZIP-komprimierter	1'443 KB
> 📜 Music 🗸	<			>
Dateiname: MC Library Backup (Main Library - 2019-01-14 22-34).zip v Dateityp: Library Backups (*.zip) v				
 Ordner ausblenden 			Speichern	Abbrechen

Customise JRemote access

1. Select Options

File Edit View Player	Tools Help	
	Import	
	Rip Disc	
at 10	Burn Disc	
	Listening Test	
Playing Now	Advanced Tools	
Player		
Playing from Main	Send To	•
Audio	Library Tools	•
Albums	Locate	•
🕨 🚺 Blues - Audiophile	Links	•
Blues - Nice	Language	•
🕨 🌓 Blues - Standard	Options (trl) 0	
Chinese	Options Ctri+O	

2. If only the menu of Media Network is to see, start JRiver Media Server



3. Start Media Server



4. Click on …Access Key: Click for access from another Media Center, Gizmo, WebRemote……

Use Media Network to share this library and enable DLNA 🚺 Audio -- Access Key: Click for access from another Media Center, Gizmo, WebRemote, or WebPlay 🖲 Burning Authentication (must be on to use Library Server Sync) 💽 CD, DVD & BD Read-only Authentication: Everyone Encoding ... Add or configure DLNA servers... R File Location Advanced ... Customize views for JRemote, Gizmo & Panel... File Types I TCP Port: 52199 🔽 General Enable SSL Handheld I Additional share paths: Library & Folders DLNA Server (share your media with other DLNA devices) DLNA Renderer (allow other DLNA devices to control Media Center) Hedia Network ✓ DLNA Controller (control other DLNA devices) Podcast I Interfaces to ignore (list of network/bits): Remote Control Disable audio buffer to disk (for low powered systems) 💾 Services Disable video buffer to disk (for low powered systems) U Startup Panel (play and control your media from a web browser) 🗖 Theatre View MCWS (web service) Client Options (when connected to a Library Server) 🗿 Tree & View

5. JRiver checks if the connection to the JRiver Media Server is ok. (if not start Media Server again)

Please Wait		
×	Registering server	

6. This Access Key is needed to get access from the JRiver App to the JRiver Server on the Computer

Information	\times
Access Key: QUDzTv	
Please write this down, it has also been copied to the clipboard.	
This Library Server is not reachable from the Internet, but you can still use it within your local network.	
To use this server from other computers on your local network, select it in the tree (Playing Now > Playing From) and click 'Add Library'.	
To make this server accessible from the Internet, you'll probably need to configure your router's port forwarding to allow incoming access on port	52199.
	ОК

7. Select Media Network, Advanced and Customise Views, Gizmo & Panel ..



Х

 Here create the views for the JRiver remote control App This settings are also (normally) automatically created by restore the zip-library file from the HDD

ems To Show		Details For Audio
Audio	Add	Name: Audio
Album	Remove	Files To Display
Blues - Audiophile	Deset	Cat vulas fas fila disalau
Blues - Nice	Reset!	Set rules for file display
Blues - Standard		
Chinese		
Christmas		
Classical - Artist - Conductor		
Classical - Composer - Collecti		
Classical - Label - Collection		
Classical - Single - Disc		
Folk - Audiophile		
Folk - Nice		
Folk - Standard		
Jazz - Audiophile		
Jazz - Nice		
Jazz - Standard		
Latin - Audiophile		
Latin - Nice		
Latin - Standard		
Miscellaneous - Audiophile		

 Select one or one by one view out of the list The selected view will be seen on the JRiver App display

Customize Views		▲
Items To Show	Details For Audio	Audio
items to show		Audio\Albu hs
Audio	Add Name: Audio	Audio\Blue - Audiophile
Album	Category	Audio\Bluer - Nice
Blues - Audiophile		Audio\Blue: - Standard
Blues - Nice	Root Library Item	Audio\Chinise
Blues - Standard	Library Item	Audio\Chris mas
Chinese	Library Item From Standard View	Audio\Class cal - Artist - Conductor - Orchestra - Collection
Christmas		Audio\Class cal - Composer - Collection
Classical - Artist - Conductor	Playlists	Audio\Class al - Label - Collection
Classical - Composer - Collecti		Audio\Class <mark>t</mark> al - Single - Disc
Classical - Label - Collection		Audio\Folk Audiophile
Classical - Single - Disc		Audio\Folk Nice
Folk - Audiophile		Audio\Folk Standard
FOIK - INICE		Audio\Jazz Audiophile
FOIK - Standard		Audio\Jazz Nice
Jazz - Audiophile		Audio\Jazz Standard
Jazz - Standard		Audio\Latin Audiophile
Jazz - Standard		Audio\Latin Nice
Latin - Nice		Audio\Latin Standard
Latin - Standard		Audio\Miscelaneous - Audiophile
Miscellaneous - Audiophile		Audio\Miscelaneous - Nice
Miscellaneous Audiophile		Audio\Misce laneous - Standard
		Audio\Rock Pop - Audiophile
		Audio\Rock Pop - Nice
		Audio\Rock Pop - Standard
		Audio\Samr er - Audiophile
		Audio\Samer - Nice
		Audio\Sampler - Standard
		Audio\Soundtrack - Audiophile
		Audio\Soundtrack - Nice
		Audio\Soundtrack - Standard
		Audio) Test

Installation / use JRemote App

1. Installation of Android Gizmo or JRemote Gizmo is free of charge but JRemote is bether



2. Connect JRemote with Computer and push "ADD Server"

			3 ¥3 ≸ 68% - 12:16
	JRemote		
2	JRemote Your remote for JRiver Media Center		Version 21.0.2
		Tap the button below to get started!	
		ADD SERVER	

3. Copy "Access Key" letters from JRiver (no Username and Password necessary) and "Connect App is scanning WLAN for open port and JRiver Media-Server an checks "Access Key"

	12:19 🗊 💦 📢 🕅
← Add server	
QbhRsj	
Password	
CONNECT	

4. Connection is ok and App is to open Window with Audio View Select "Audio"



5. Window with all in JRiver created "Custom-Views" for the remote control Select "Album"



6. Displays all the Album-Cover like in JRiver Select one Disc



Displays Album with all titles Press "Play Button" and CD plays the song Press Icon below

		08	= 10	06
:	Art Tatum Tatum Tatum - The Group Masterpieces 2010 Tracks / 57:10 695kbps FLAC	Q ≣)	×	106
	Gone with the Wind			:
	All the Things You Are			
	Have You Met Miss Jones? (Alternate Take)			
	My One and Only Love			
	Night and Day			
	My Ideal			
	Where or When			
	Gone with the Wind (Alt Take 1)			
	Gone with the Wind (Alt Take 2)			
	Here You Met Miss Jones? (Alternate Take)			
	Gone with the Wind Art Tatum - Tatum - The Group Masterpieces		▶	۰I

8. Information: CD and JRiver player information

Information: of Song duration

Information: Volume Level, Volume can be changed (put not when ASIO output driver selected) Information: Disc recording, example 44100Hz/16bit, 695Kbps and FLAC-file Push button i



 Display of CD Metadata Push "ARTIST BIO"

	■ KI 27 70% at 12:06								
← M	← Metadata								
METADATA	ARTIST BIO								
	Sone with the Wind Played 0 times ★ ★ ★ ★								
Filename	N:\Music\Jazz-Audiophile\Art Tatum\The Group Masterpieces\Art Tatum - Gone with the Wind.flac								
Name	Gone with the Wind								
Artist	Art Tatum								
Album	Tatum - The Group Masterpieces								
Genre	Jazz								
Date	2010								
Date	2010								
Bitrate	695								
Image File	INTERNAL								
Duration	04:48								
Track #									
Media	Audio								

10. Display of Artist Biography (automatic download from Internet)



11. Change settings and Information of "My servers"

			3 3 5 07% 12.20
JRemote			
🎜 Audio			
Q Search			
 Settings My servers 			
,			
O Player -			