Media Network

Use Media Network to share this library and enable DLNA
Access Key

Authentication (user name

Add or configure DLNA servers
- Legacy uPnP
  - Display name UpnP
  - Title Expression: blank
  - Audio
    - Mode: **Original**
      - Specified output format
      - Specified output format only when necessary
  - Format:
    - PCM L16 No header
    - PCM L24 No header
    - PCM 16 bit
    - **PCM 24 bit**
    - MP3 low bandwidth
    - MP3 medium bandwidth
    - MP3 high bandwidth
  - Advanced
    - Blank
    - Images (ignored)
    - Video (ignored)
    - Advanced
      - Bitstream DSD (requires DoPE compliant renderer
      - **DLNA**
      - **DLNA Extra**
      - Enable bitrate Field
      - **Filter international characters**
      - **Include session ID**
      - Playstation 3 compatible
      - Present Caption Resources
      - Present Small Artwork
      - Present Subtitle Resources
      - Skip Child count
      - Use flat URLs (checked)
      - Use full URLs instead of relative URLs
      - WMC compatible
      - MPEG video mimetype override
      - Video MimeType Override video/mpeg

Video DLNA Override MPEG-PS

Customize Views for JRemote, Gizmo, & Web Gizmo (defaults)
TCP Port 52199 (default)
Additional Share Paths (default)
DLNA Server (Share media w/ other DLNA devices)
DLNA Renderer (allow other DLNA devices to control MC)
DLNA Controller (control other DLNA devices)
Interfaces to ignore (list of network/bits):
Disable audio buffer to disk (for low powered systems)
Disable video buffer to disk (for low powered systems)

Web Gizmo (play and control your media from a web browser)
Appearance: Default
Open with web browser: enabled
MCWS (web service)
Client Options (when connected to a Library Server)
Auto synch with server
Play local file if match with Library Server found
Show playback zones from the server on the client
Audio Conversion
Conversion:
Convert audio if necessary
Don't convert audio
Always Convert audio
Convert audio if necessary
Encoder:
PCM 16 bit
PCM 24 bit
MP3 low bandwidth
MP3 medium bandwidth
MP3 high bandwidth

Image Conversion:
Original
JPEG (640 x 480)
JPEG (720 TV)
JPEG (1080 TV)
JPEG (2560 x 1600)
JPEG (2160 TV (UHD/4K)

Audio

Audio Device

Default Audio Device (Direct Sound)

Default Audio Device (Direct Sound)
Realtek Digital Output (4-Realtek High Definition Audio (WASAPI)
Realtek Digital Output (4-Realtek High definition Audio) (Direct Sound)
Disk Writer
Network Streamer
Null Output

Device Settings

Channels

Default Channels (recommended)
Left Front + Right Front
Center + Low Frequency (LFE)
Left Rear + Right Rear
Left Side + Right Side
All Channels
Hardware Direct (sound card chooses)
Do Not Specify Channels

Buffering

More Responsive (slide setting)
(Note: Increasing buffering makes playback more skip resistant, but also increases latency (the time it takes for pause, seek, volume, DSP, etc to take effect)

Settings

DSP & Output Format

Output Format (checked)

Output Encoding

None
Dolby Digital (requires extennal Dolby Digital decoder)
DSD in DoP format (requires DSD capable DAC)
2xDSD in DoP format (requires DSD capable DAC)
4xDSD in DoP format (requires DSD capable DAC)
1xDSD in native format (ASIO + 1xDSD capable DAC
2xDSD in native format (ASIO + 2xDSD capable DAC
4xDSD in native format (ASIO + 4xDSD capable DAC

8xDSD in native format (ASIO +8xDSD capable DAC

Channels

- 1 channel (mono)
- **2 channels (stereo)**
- 2.1 channels
- 4 channels
- 5.1 channels
- 7.1 channels
- 10 channels
- 12 channels
- 14 channels
- 16 channels
- 18 channels
- 20 channels
- 22 channels
- 24 channels
- 32 channels
- 2 channels (inside 4 channel container)
- 2 channels (inside 5.1 channel container)
- 2 channels (inside 7.1 channel container
- 5.1 channels (inside 7.1 channel container)

Sample Rate

Input	Output
Less than 44,100 Hz	**96,000 Hz (all)**
44,100 Hz	
48,000 Hz	
88,200 Hz	
96,000 Hz	
176,400 Hz	
192,000 Hz	
352,800 Hz	
384,000 Hz	
705,600 Hz	
Greater than 768,000 Hz	

Subwoofer

- **Silent (don't use subwoofer in downmix)**
- Downmix all frequencies (not recommended)
- JRSS Subwoofer – various settings (5 Hz increments from 20 to 300 Hz low-pass)

Volume Leveling (Checked)
Clip Protection
Flatline Overflows

Adaptive Volume (Checked)
Peak Level Normalize
Night Mode
Small Speaker Mode

Equalizer

Parametric Equalizer

Effects
Environment
(none)
Concert Hall
Arena
Jazz Club
Recording Studio
Living Room

Virtual Subwoofer
(none)
6" Subwoofer
8" Subwoofer
10" Subwoofer
12" Subwoofer
15" Subwoofer

Surround Field
(none)
Subtle enhancement
Medium enhancement
Pronounced enhancement
Maximum enhancement

Headphones
(none)
Subtle
Standard
Standard (increased spatialization)
Pronounced
Pronounced (increased spatialization)

Tempo & Pitch

Tempo – slider adjustment from -3.00x to +3.00x

Pitch – slider adjustment from -2.00x to +2.00x

Rate – slider adjustmetn from -3.00x to +3.00x

Room Correction

7.1 speaker correction – Distance, Volume Level, Bass Management, Polarity and Tools

Convolution

Parametric Equalizer 2 Analyzer

Zone Switch – directs playback to zones based on configurable rules

Bitstreaming

None (recommended)
HDMI
S/PIF
DSD
Dolby Digital (AC3)
Dolby Digital Plus (E-AC3)
Dolby True HDS
DTS
DTS-HD
DSD

Prebuffering

2 seconds
4 seconds
6 seconds (recommended)
10 seconds
20 seconds

Play silence at startup for hardware synchronization

None
Range of options (from 1/4 second to 10 seconds)

Play files from memory instead of disk (not zone-specific)

Load files to memory at the start of playback (not zone-specific)

Disable display from turning off (useful for HDMI audio)

Use SoX for resampling (experimental)

Track Change

Switch tracks

Standard (gapped)
Cross-fade (aggressive)
Cross-fade (smooth
Gaped Fade
Gapless

Do not play silence (leading and trailing)

Use gapless for sequential album tracks

Use gapless of manual track changes

Stop, Seek & Skip

Seek

Standard
Gapless
Smooth (fast)
Smooth (normal)
Smooth (slow)

Stop

Immediate
Fadeout (fast)
Fadeout (normal)
Fadeout (slow)

Pause

Immediate
Fade (fast)
Fade (normal)
Fade (slow)

Jump behavior

Forward - **30 seconds** (options range from 5 to 180 seconds)
Backward - **10 seconds** (options range from 5 to 180 seconds)

Volume

Volume Mode

Application Volume
Internal Volume
System Volume
Disabled Volume

Volume Protection

Maximum volume: **100**

Startup volume: -1

Alternative Mode Settings

Use these alternate settings (Use Alt-M to toggle)

Switch Tracks

Standard (gapped)
Cross-fade (aggressive)
Cross-fade (smooth)
Gapped Fade
Gapless

Seek

Standard
Gapless
Smooth (fast)
Smooth (normal)
Smooth (slow)

Stop

Immediate
Fadeout (fast)
Fadeout (normal)
Fadeout (slow)

Pause

Immediate
Fadeout (fast)
Fadeout (normal)
Fadeout (slow)

Advanced

Auto configure output settings on playback error:

Ask
Yes
No

Configure input plug-in
(1) Wav and AIFF plug-in
Write tags to WAVE-AIFF files (may not be compatible with all players)

(2) CD Audio input plug-in
CD read speed
Max
8 x
4 x

(3) DSD input plug-in
Low-pass filed used for DSD-to-PCM Conversion
Safe (24Hz @ 48dB/octave)
Medium (30Hz @ 24dB/octave)
Permissive (50 Hz @ 24dB/octave)
Off (external low-pass strongly recommended)
Number of threads for SACD/DFF DST decompression
Auto
1 Thread
2 Threads
3 Threads
4 Threads
Increase volume of DSD to PCM by -6dB

(4) FLAC input plug-in
Decoding
Decode through errors
Tagging
Remove all images with tags

(5) MPC input plug-in
32 bit output (Not compatible with some encoders)

(6) MP-3 input plug-in
ID3v1 Mode
Save (create if necessary)
Save (if file has existing ID3v1 tag)
Don't Save (ignore existing)
Don't Save (remove existing)

ID3v2 Mode (note: disabling ID3v2 tags will greatly limit what can be stored inside your tags)
Save (create if necessary)
Save (if file has existing ID3v1 tag)
Don't Save (ignore existing)
Don't Save (remove existing)
Ignore ID3v2 tags during analysis

(7) WMA input plug-in
Play WM Audio Professional content over an S/PDIF digital output

(8) WavPack input plug-in
Use correction files (.wvc) for lossless hybrid playback

Dither Mode (not zone-specific)
No Dithering (not recommended)
JRiver Bit-exact Dithering
TPDF Dithering

Live Playback latency
10 milliseconds
20 milliseconds
50 milliseconds (recommended)
100 milliseconds
250 milliseconds
500 milliseconds

Write tool name and version