

Comparison of video player software

The following **comparison of video players** compares general and technical information for notable software media player programs.

For the purpose of this comparison, *video players* are defined as any media player which can play video, even if it can also play audio files.

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References

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General

Active players

Name	Author	First public release	Stable version	Cost	Software license	Based framework	Written in
ALLPlayer	ALLPlayer Group Ltd. Partnership	1998	8.8.1 (February 26, 2020) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/ALLPlayer&action=edit)	Free	Proprietary	FFmpeg + original + DirectShow	Object Pascal (Delphi)
Apprentice Video	Pavel Koshevoy	29 May 2010	r407 and later	Free	MIT	FFmpeg	C++ (Qt)
FFplay	FFmpeg project	20 December 2000	4.2.3 (May 21, 2020 ^[1]) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/FFmpeg&action=edit)	Free	LGPL, part GPL	FFmpeg	C
GOM Player	Gretech Corporation	7 January 2003	Windows 2.3.40 Build 5302 (April 16, 2019 ^[2]) iOS 1.4.5 (March 5, 2019 ^[3]) Android 1.4.4 (March 14, 2019 ^[4]) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/Android_(operating_system)&action=edit)	Free	Proprietary	FFmpeg	?
iTunes	Apple Inc.	9 January 2001		Free	Proprietary	QuickTime	?
jetAudio (Basic)	Cowon Systems	1997	8.1.7 (15 December 2018)	Free	Proprietary	FFmpeg	C++
jetAudio (Plus)	Cowon Systems	1997	8.1.7 (15 December 2018)	Not free	Proprietary	FFmpeg	C++
JRiver Media Center	JRiver, Inc.	1998	24.0.75 (January 24, 2019) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/Media_Center&action=edit)	Not Free	Proprietary	original + DirectShow	C++, SSE/MMX assembly
K-Multimedia Player	YoungHuee Kang	1 October 2002	4.0 (6 October 2015 ^[5]) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/K-Multimedia_Player&action=edit)	Free	Proprietary	DirectShow	Object Pascal
Mac Blu-ray Player	Macgo Inc.	2011	2.11.1 (26 December 2014)	Not Free	Proprietary	?	?
Media Go	Sony Network Entertainment	17 March 2009	3.0a (4 December 2015)	Free	Proprietary	original + DirectShow + QuickTime (optional)	?
MediaPortal	Team MediaPortal	2004	2.2.1 (March 29, 2019) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/MediaPortal&action=edit)	Free	GPL	DirectShow	C#, C++
Media Player Classic Home Cinema	Gabest	29 March 2006	1.7.13 (March 6, 2017) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/Media_Player_Classic_Home_Cinema&action=edit)	Free	GPL	FFmpeg + DirectShow	C++
Microsoft Movies & TV (formerly Xbox Video)	Microsoft	26 October 2012		Free	Proprietary		
Microsoft Photos	Microsoft	26 October 2012		Free	Proprietary		
MPlayer	Árpád Gereöffy	September 2000	1.4.0 ^[6] [7] (April 18, 2019) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/MPlayer&action=edit)	Free	GPL	FFmpeg + original	C
mpv	mpv Community	7 August 2013	0.32.0 (January 26, 2020 ^[8]) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/mpv_(media_player)&action=edit)	Free	GPL, part LGPL	FFmpeg	C, Objective C, Lua
Plex Media Player	Plex, Inc.	21 May 2008	Server: 1.8.4.4249-3497d6779 ^[9] [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/Plex&action=edit)	Free	Proprietary	FFmpeg	C++
PotPlayer	Kakao	2006	Windows: 1.7.21149 (March 17, 2020) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/PotPlayer&action=edit)	Free	Proprietary	DirectShow	?
PowerDVD Standard	CyberLink	1998	19 build 1912 (22 July 2019 ^[10] [11]) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/PowerDVD&action=edit)	Not Free	Proprietary	DirectShow	?
PowerDVD Pro	CyberLink	1998	19 build 1912 (22 July 2019 ^[12] [13]) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/PowerDVD&action=edit)	Not Free	Proprietary	DirectShow	?

PowerDVD Ultra	CyberLink	1998	19 build 1912 (22 July 2019 ^[14] ^[15]) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/PowerDVD&action=edit)	Not Free	Proprietary	DirectShow	?
QuickTime X	Apple Inc.	28 August 2009	10.5 (August 31, 2018) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/QuickTime_X&action=edit)	Free	Proprietary	QuickTime	Cocoa (on OS X)
RealPlayer Basic	RealNetworks	April 1995	Windows: 18.1.20.206 (March 6, 2020) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/RealPlayer&action=edit) OS X: 12.0.1.1750 (September 7, 2012 ^[16]) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/RealPlayer&action=edit) Windows Mobile: 1.1 (July 30, 2009 ^[17]) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/RealPlayer&action=edit) Android: 1.2.151 (December 27, 2013) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/RealPlayer&action=edit)	Free	Proprietary	original	?
RealPlayer Plus	RealNetworks	April 1995	Windows: 18.1.20.206 (March 6, 2020) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/RealPlayer&action=edit) OS X: 12.0.1.1750 (September 7, 2012 ^[18]) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/RealPlayer&action=edit) Windows Mobile: 1.1 (July 30, 2009 ^[19]) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/RealPlayer&action=edit) Android: 1.2.151 (December 27, 2013) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/RealPlayer&action=edit)	Not Free	Proprietary	original + DirectShow (optional) + QuickTime (optional) ^[20]	?
SMPlayer	Ricardo Villalba	11 December 2006	20.4.2 (April 10, 2020 ^[21]) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/SMPlayer&action=edit)	Free	GPL	MPlayer	C++ (Qt)
GNOME Videos (formerly Totem)	The GNOME Project	February 2003	3.36.2 ^[22] (4 May 2020) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/GNOME&action=edit)	Free	GPL + exception ^[23]	GStreamer	C
Videostream	Videostream Team	February 2014	2.1.3.15	Free	Proprietary	Chrome + FFmpeg	JavaScript, C++
VLC	VideoLAN	1 February 2001	Windows, Linux, & macOS 3.0.10 / 28 April 2020 ^[24] ^[25] Android 3.2.11 / 28 April 2020 ^[26] ^[27] Chrome OS 1.7.3 / 23 December 2015 ^[28] iOS, Apple TV 3.2.8 / 28 April 2020 ^[29] Windows (UWP) 3.1.2 / 20 July 2018 ^[30] ^[31] Windows Phone 3.1.2 / 20 July 2018 ^[32]	Free	GPL, LGPL	libVLC + FFmpeg	C, C++
WinDVD Gold	Corel	1998	WinDVD Pro 12 Service Pack 5 (June 12, 2018 ^[33] ^[34]) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/WinDVD&action=edit)	Not Free	Proprietary	DirectShow	?
WinDVD Platinum	Corel	1998	WinDVD Pro 12 Service Pack 5 (June 12, 2018 ^[35] ^[36]) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/WinDVD&action=edit)	Not Free	Proprietary	DirectShow	?
Kodi (formerly XBMC)	Team-Kodi (formerly Team-XBMC)	2002	18.0 (codename: "Leia") (January 28, 2019 ^[37]) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/XBMC&action=edit)	Free	GPL	FFmpeg	C++
xine	xine Team	15 August 2000	0.99.10 (December 28, 2017) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/xine-ui&action=edit)	Free	GPL	xine-lib + FFmpeg	C
Name	Author	First public release	Stable version	Cost	Software license	Based framework	Written in

Inactive players

Name	Author	First public release	Stable version	Cost	Software license	Based framework	Written in
Banshee	Aaron Bockover	2005-02-17	2.6.2 (February 18, 2014) ^[38] [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/Banshee&action=edit)	Free	MIT	GStreamer	C#
CorePlayer	CoreCodec Inc.	2006	3.0.1 (September 9, 2011) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/CoreAVC&action=edit)	Not Free	Proprietary	?	?
Creative MediaSource	Creative Technology	2002	5.10.38 (December 22, 2006) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/Creative_MediaSource&action=edit)	Requires Creative product	Proprietary	DirectShow	?
DSPlayer	DSPlayer team	2002	Not Free	Free	Proprietary		Object Pascal (Delphi), C++
Media Player Classic	Gabest	May 29, 2003	6.4.9.1 (December 10, 2008) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/Media_Player_Classic&action=edit)	Free	GPL	DirectShow	C++
Ogle	Chalmers University of Technology	1999	0.9.2 (November 6, 2003) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/Ogle&action=edit)	Free	GPL	?	C
Quintessential Player	Paul Quinn	1997	5.0.121 (February 18, 2009) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/Quintessential_Player&action=edit)	Free	Proprietary	?	?
Songbird	Tom Lord	February 8, 2006	2.2.0, Build 2453 (February 4, 2013) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/Songbird&action=edit)	Free	GPL	GStreamer, XULRunner	C++
The Core Pocket Media Player	Gabor Kovacs	2004 Jul as "BetaPlayer"	0.71 (November 23, 2005) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/The_Core_Pocket_Media_Player&action=edit)	Free	GPL	FFmpeg + original	C++
TotalMedia Theatre	ArcSoft	November 15, 2009	6.7.1.199 June 6, 2014	Not Free	Proprietary	original	C++
Quicktime	Apple Inc.	1991-12-02	7.7.9 (January 7, 2016) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/QuickTime&action=edit) ^{[39][40]}	Free	Proprietary	QuickTime	Cocoa (on OS X)
Winamp Lite, Full, Bundle	Nullsoft	Jun 1997	5.8.3660 (October 19, 2018) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/Winamp&action=edit)	Free	Proprietary	?	?
Winamp Pro	Nullsoft	Jun 1997	5.8.3660 (October 19, 2018) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/Winamp&action=edit)	Not Free	Proprietary	?	?
Windows Media Player	Microsoft	Nov 1992	12.0.18362.778 (April 28, 2020) [±] (https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/Windows_Media_Player&action=edit)	Free	Proprietary	DirectShow	C++ (COM)
Name	Author	First public release	Stable version	Cost	Software license	Based framework	Written in

Operating system compatibility

This section lists the operating systems on which the player works. There may be multiple versions of a player, each one for a given operating system.

Video player	<u>Windows</u>	<u>Windows IoT (formerly Windows Embedded)</u>	<u>Windows Mobile (formerly Windows Phone)</u>	<u>Mac OS X</u>	<u>iOS</u>	<u>Android</u>	<u>Linux</u>	<u>BSD Unix</u>	<u>Solaris</u>	<u>Unix-like</u>	<u>DOS</u>	<u>BeOS, Haiku, ZETA</u>	<u>OS/2</u>
<u>ALLPlayer</u>	Yes	No	No	No	No	Yes	No	No	No	No	No	No	No
<u>Apprentice Video</u>	Yes	No	No	Yes	No	No	Yes	Yes	No	No	No	No	No
<u>FFplay</u>	Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<u>GOM Player</u>	Yes	No	No	No	No	No	No	No	No	No	No	No	No
<u>Microsoft Movies & TV (formerly Xbox Video)</u>	Yes	?	Yes	No	No	No	No	No	No	No	No	No	No
<u>iTunes</u>	Yes	No	No	Included	Included	No	No	No	No	No	No	No	No
<u>jetAudio</u>	Yes	No	No	No	No	Yes	No	No	No	No	No	No	No
<u>JRiver Media Center</u>	Yes	No	No	Yes	No	No	Yes	No	No	No	No	No	No
<u>K-Multimedia Player</u>	Yes	No	No	Alpha version	Yes	Yes	No	No	No	No	No	No	No
<u>Mac Blu-ray Player</u>	Yes	No	No	Yes	Yes	No	No	No	No	No	No	No	No
<u>Media Go</u>	Yes	No	No	No	No	No	No	No	No	No	No	No	No
<u>Media Player Classic Home Cinema</u>	Yes	No	No	No	No	No	No	No	No	No	No	No	No
<u>MediaPortal</u>	Yes	No	No	No	No	No	No	No	No	No	No	No	No
<u>MPlayer</u>	Yes	No	No	Yes	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes
<u>mpv</u>	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	No	No	No
<u>Plex Media Player</u>	Yes	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No
<u>PotPlayer</u>	Yes	No	No	No	No	No	No	No	No	No	No	No	No
<u>QuickTime Player</u>	Yes	No	No	Included	Included	No	No	No	No	No	No	No	No
<u>RealPlayer</u>	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	No	No	No
<u>SMPlayer</u>	Yes	No	No	No	No	No	Yes	Yes	No	No	No	No	No
<u>GNOME Videos (formerly Totem)</u>	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No
<u>Videstream</u>	Yes	No	No	Yes	No	Yes	Yes	No	No	No	No	No	No
<u>VLC</u>	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<u>Winamp</u>	Yes	No	No	Beta version	No	Yes	Last version is Winamp 3	No	No	No	No	No	No
<u>Windows Media Player</u>	Included	?	Included	Dropped (WMP9)	No	No	No	No	Dropped (WMP6.3)	No	No	No	No
<u>Kodi (formerly XBMC)</u>	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No
<u>xine</u>	unmaintained	No	No	WIP for 1.2 series	No	No	Yes	Yes	Yes	Yes	No	No	No
Video player	<u>Windows</u>	<u>Windows IoT (formerly Windows Embedded)</u>	<u>Windows Mobile (formerly Windows Phone)</u>	<u>Mac OS X</u>	<u>iOS</u>	<u>Android</u>	<u>Linux</u>	<u>BSD Unix</u>	<u>Solaris</u>	<u>Unix-like</u>	<u>DOS</u>	<u>BeOS, Haiku, ZETA</u>	<u>OS/2</u>

Features

Video player	Outbound streaming	Skinnable	Media database	Gapless audio decoding	Visualizer	Remote controllable	Intelligent playlists from database (based on criteria)	HDR video playback	Stereoscopic 3D Playback	d \ pl:
<u>ALLPlayer</u>	Yes	Yes	Yes	No	Yes	Yes	Yes	?	?	
<u>Apprentice Video</u>	No	No	No	Yes	No	only on OSX	No	?	?	
<u>FFplay</u>	?	No	No	?	Yes	No	No	No	Some	
<u>GOM Player</u>	Yes	Yes	No	No	No	Yes	No	?	?	
<u>iTunes</u>	Yes	Partial ^[v 1]	Yes	Yes	Yes	Yes	Yes	?	?	
<u>jetAudio</u>	Partial ^[v 1]	Yes	Yes	Yes	Yes	Yes	?	?	?	
<u>JRiver Media Center</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	?	
<u>K-Multimedia Player</u>	Yes	Yes	Yes	No ^[featurenotes 1]	Yes	Yes	No	?	?	
<u>Mac Blu-ray Player</u>	Yes	Yes	Yes	Yes	No	No	No	?	?	
<u>Media Go</u>	No	No	Yes	No	No	No	<u>SensMe</u>	?	?	
<u>Media Player Classic Home Cinema</u>	?	Yes	Yes	No	No	Yes	Yes	?	No	
<u>MediaPortal</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	?	
<u>MPlayer</u>	Yes	Yes	No	No	No	Yes	No	No	?	
<u>mpv</u>	Yes	Yes	No	No	No	Yes	No	No	?	
<u>Plex Media Player</u>	Yes	Yes	Yes	No	No	Yes	No	?	?	
<u>PotPlayer</u>	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes	
<u>PowerDVD</u>	?	Yes	No	?	Yes	?	No	?	Yes	
<u>QuickTime Player</u>	Partial ^[featurenotes 2]	Partial ^[featurenotes 3]	No	Yes	No	Yes	No	?	?	
<u>RealPlayer</u>	No	Yes	Yes	No	Yes	?	Yes	?	?	
<u>SMPlayer</u>	?	Yes	No	?	?	?	No	?	?	
<u>GNOME Videos (formerly Totem)</u>	No	No	No	No	Yes	No	No	?	?	
<u>VLC</u>	Yes	Yes	yes, not Mac	No	Yes	Yes	No	Yes	Some ^[featurenotes 4]	
<u>Winamp</u>	Partial ^[v 1]	Yes	Yes	Yes	Yes	Partial ^[v 1]	Yes ^[featurenotes 5]	?	?	
<u>Windows Media Player</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	?	
<u>Kodi (formerly XBMC)</u>	Yes ^[featurenotes 6]	Yes	Yes	Yes	Yes	Yes	Yes	?	?	
<u>xine</u>	No	Yes	No	Yes	Yes	Yes	No	?	?	
Video player	Outbound streaming	Skinnable	Media database	Gapless audio decoding	Visualizer	Remote controllable	Intelligent playlists from database (based on criteria)	HDR video playback	Stereoscopic 3D Playback	d \ pl:

Extended features

Video player	Color controls	Time stretching	Pitch shifting	A-B repeat	Audio resync	Subtitle resync	Chapter (DVD, mkv, mp4, ogm)	Bookmark (DVD, video, audio)	Auto resume (DVD, video, audio)	Shutdown on play complete
<u>ALLPlayer</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<u>Apprentice Video</u>	No	Yes	No	Yes	No	No	Yes	No	No	No
<u>Banshee</u>	?	No	No	?	?	?	?	Yes	?	?
<u>FFplay</u>	No	No	No	No	?	No	No	No	No	Yes
<u>GOM Player</u>	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<u>iTunes</u>	No	Yes	No	No	No	No	Yes	Yes	Yes	No
<u>jetAudio</u>	Yes	?	Yes	Yes	?	Yes	Yes	Yes	Yes	Yes
<u>JRiver Media Center</u>	?	?	?	?	?	?	Yes	?	Yes	?
<u>K-Multimedia Player</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Some ^[featurenotes 7]	Yes	Yes
<u>Mac Blu-ray Player</u>	No	No	No	No	No	No	No	No	No	No
<u>Media Go</u>	No	No	No	No	No	No	No	No	No	No
<u>Media Player Classic Home Cinema</u>	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
<u>MediaPortal</u>	?	No	No	Yes	?	Yes	Yes	Yes	Yes	No
<u>MPlayer</u>	Yes	Yes	Yes ^[featurenotes 8]	Yes ^[featurenotes 8]	Yes	Yes	Partial	No	No	Yes
<u>mpv</u>	Yes	Yes	Yes	Yes	Yes	Yes	Partial	No	Yes	Yes
<u>Plex Media Player</u>	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes
<u>PotPlayer</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<u>PowerDVD</u>	Yes	Yes	Yes	Yes	?	?	Yes	Yes	Yes	No
<u>QuickTime Player</u>	Yes	Yes	Yes	Yes ^[featurenotes 9]	?	?	Yes	?	?	No
<u>RealPlayer</u>	?	?	?	?	?	?	?	?	?	?
<u>SMPlayer</u>	Yes	Yes	Yes	Yes ^[featurenotes 10]	Yes	Yes	Partial	No	Yes	Yes
<u>GNOME Videos (formerly Totem)</u>	Yes	No	No	No	No	No	Yes	No	Yes	No
<u>VLC</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes (from 2.2)	Yes
<u>Winamp</u>	No	Yes	Yes	?	?	?	?	Yes	?	?
<u>Windows Media Player</u>	Yes	Yes	No	No	No	No	DVD only	No	Partial ^[v 1]	Partial ^[v 1]
<u>WinDVD</u>	Yes	Yes	Yes	Yes	?	?	Yes	No	Yes	?
<u>Kodi (formerly XBMC)</u>	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
<u>xine</u>	Yes	Audio plugin	No	No	Yes	Yes	Yes	No	No	Yes
Video player	Color controls	Time stretching	Pitch shifting	A-B repeat	Audio resync	Subtitle resync	Chapter (DVD, mkv, mp4, ogm)	Bookmark (DVD, video, audio)	Auto resume (DVD, video, audio)	Shutdown on play complete

1. "gapless mp3 playback - The KMPlayer's Forums" (<http://www.kmplayer.com/forums/showthread.php?t=138>). Kmplayer.com. Retrieved December 16, 2009.
2. Available with QuickTime Streaming Server.
3. Only the media creator can create skins.
4. anaglyph only
5. Via media library in "modern" skin
6. Kodi/XBMC has a built-in UPnP AV MediaServer, FTP-server (based on FileZilla), and a web server (however the web-server is mainly designed for remote control and not for streaming, but it can be used for streaming with some small modifications any user can make)
7. Bookmarks are limited to 20 files (<http://www.kmplayer.com/forums/showthread.php?t=9779>) and are stored with absolute paths, which renders them inaccessible when files are moved (<http://www.kmplayer.com/forums/showthread.php?t=9778>)
8. Pitch-shifting and AB-Repeat are not included in Mplayer's interactive keyboard controls, but can be set up via command line parameters. Mplayer manual (<http://www.mplayerhq.hu/DOCS/man/en/mplayer.1.html>)
9. www.apple.com/quicktime/pro/ (<https://www.apple.com/quicktime/pro/>) Archived (<https://web.archive.org/web/20070110200720/http://www.apple.com/quicktime/pro/>) January 10, 2007, at the [Wayback Machine](http://www.waybackmachine.org/) - A-B repeat using Play Selection Only command
10. As of SVN 3349

Consumer video format ability

Information about what [video formats](#) the players understand. Footnotes lead to information about abilities of future versions of the players or plugins/filters that provide such abilities.

Video player	MPEG-1	MPEG-2	MPEG-4 Part 2 (ASP)	MPEG-4 Part 10 H.264 (AVC)	WMV	RealVideo	Theora	Flash	Dirac	VP8	VP9	HEVC (H.265)
ALLPlayer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	?
Apprentice Video	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	?	?
FFPlay	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
GOM Player	Yes	Partial ^[v 2]	Yes	Partial ^[v 3]	Yes	Partial ^[41]	Partial ^[v 3]	Yes	Partial ^[v 3]	Partial ^[v 3]	?	?
iTunes	Yes	Partial ^[v 4]	Yes	Yes	Partial ^[v 5]	No	Partial ^[v 6]	Partial ^[v 7]	No	Partial ^[v 7]	?	?
jetAudio	Yes	Partial ^[v 2]	Partial ^[v 3]	Partial ^[v 3]	Yes	Partial ^[41]	Partial ^[v 3]	Yes	Partial ^[v 3]	Yes	?	?
JRiver Media Center	Yes	Yes	Yes	Yes	Yes	Yes	Partial ^[v 3]	Yes	Partial ^[v 3]	Partial ^[v 3]	?	Yes
K-Multimedia Player	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	?
Mac Blu-ray Player	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	?	?
Media Player Classic Home Cinema	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MediaPortal	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	?
Microsoft Movies & TV	Yes	Yes	Yes	Yes	Yes	?	?	?	?	?	?	?
MPlayer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
mpv	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Plex Media Player	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	?	?
PotPlayer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
QuickTime Player	Yes	Partial ^[v 4]	Yes	Yes	Partial ^[v 5]	No	Partial ^[v 6]	Partial ^[v 7]	No	Partial ^[v 7]	?	?
RealPlayer	Yes	Yes	Partial ^[v 3]	Partial ^[v 3]	Yes	Yes	Partial ^[v 1]	Yes	Partial ^[v 3]	Partial ^[v 3]	?	?
SMPlayer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	?
GNOME Videos (formerly Totem)	Yes ^[v 8]	Yes ^[v 8]	Yes ^[v 8]	Yes ^[v 8]	Yes ^[v 8]	Yes ^[v 8]	Yes ^[v 8]	Yes ^[v 8]	Yes ^[v 8]	Yes ^[v 8]	Yes ^[v 8]	?
VLC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Winamp	Yes	Partial ^[v 2]	Partial ^[v 3]	Partial ^[v 3]	Yes	Partial ^[41]	Partial ^[v 3]	Yes	Partial ^[v 3]	Yes	?	?
Windows Media Player	Yes	Yes ^[v 2]	Yes ^[v 9]	Yes ^[v 9]	Yes	Partial ^[41]	Partial ^[v 3]	Partial ^[v 3]	Partial ^[v 3]	Partial ^[v 10]	?	?
Kodi (formerly XBMC)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
xine	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	?	?	?
Video player	MPEG-1	MPEG-2	MPEG-4 Part 2 (ASP)	MPEG-4 Part 10 H.264 (AVC)	WMV	RealVideo	Theora	Flash	Dirac	VP8	VP9	HEVC (H.265)

1. Plugin available.
2. This format is supported out-of-the-box in Windows 7 and later. In Windows Vista and earlier, the playing compatibility depends on the availability of [DirectShow](#) filters.
3. The playing compatibility depends on the availability of [DirectShow](#) filters.
4. The playing compatibility depends on the availability of MPEG2 component for Quicktime.
5. The playing compatibility depends on the availability of [WMV Player](#) component for Quicktime.
6. 3rd party plugins are available. The [Xiph QuickTime Components](#) allow any QuickTime application to parse [Ogg](#) files and play [Vorbis](#), [FLAC](#) (Doesn't work with FLAC containers), [Speex](#), and [Theora](#).
7. On Macs, 3rd party plugins are available. The [Perian](#) QuickTime components for Mac OS X 10.4.7+ allow any QuickTime application to play a wide variety of formats.
8. Available via [Gstreamer](#) plugin.
9. This format is supported out-of-the-box in Windows Media Player 12 and later (which requires Windows 7 or later). In Windows Media Player 11 and earlier, the playing compatibility depends on the availability of [DirectShow](#) filters.
10. The playing compatibility depends on the availability of [DirectShow](#) filters, or in the case of Windows Media Player 12 and above, there is also the option of using [Microsoft Media Foundation](#) components, which have the added bonus of adding [WebM](#) support through the [HTML5](#) <video> element to [Internet Explorer 9](#) or later.

Production video format ability

Video player	MPEG-4 SSiP	AVC-Intra	AVC-Ultra	XAVC	Apple ProRes	VC-2/Dirac Pro	VC-3/Avid DNxHD	VC-5/GoPro CineForm	Redcode RAW	ARRIRAW	CinemaDNG	Cineon/DPX sequence	OpenEXR sequence	TIFF sequence	s
<u>FFplay</u>	Yes ^[42]	Yes	No	Yes	Yes	Yes	Yes	Yes	Some ^[43]	No	No ^[44]	Yes	Some	Some	
<u>MPlayer</u>	?	Yes	No	Yes	Yes	Yes	Yes	Yes	Some	No	No	Yes	Some	Some	
<u>VLC</u>	?	Yes	No	?	Yes	Yes	Yes	?	?	No	No	Yes	?	Some	
Video player	MPEG-4 SSiP	AVC-Intra	AVC-Ultra	XAVC	Apple ProRes	VC-2/Dirac Pro	VC-3/Avid DNxHD	VC-5/GoPro CineForm	Redcode RAW	ARRIRAW	CinemaDNG	Cineon/DPX sequence	OpenEXR sequence	TIFF sequence	s

Audio format ability

Information about what audio formats the players understand. Footnotes lead to information about abilities of future versions of the players or plugins/filters that provide such abilities.

Video player	Lossy compression								Lossless compression					
	MP3	WMA	RealAudio	Vorbis	Musepack	AAC	AC-3	Opus	APE	FLAC	ALAC	SHN	WV	
<u>ALLPlayer</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	Yes	Yes	Yes	Yes	Yes	
<u>Apprentice Video</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	Yes	Yes	Yes	Yes	Yes	
<u>FFplay</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
<u>GOM Player</u>	Yes	Yes	Yes	Yes	No	Yes	Yes	?	No	No	No	No	No	
<u>iTunes</u>	Yes	yes, no DRM	No	Partial ^[v 1]	No	Yes	No	?	No	Partial ^[v 1]	Yes	No	No	
<u>jetAudio</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	Yes	Yes	No	No	Yes	
<u>JRiver Media Center</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
<u>K-Multimedia Player</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Partial ^[v 2]	Yes	Yes	Yes	Partial ^[v 2]	Yes	
<u>Mac Blu-ray Player</u>	Yes	Yes	Yes	Yes	Yes	Yes	?	?	?	?	?	?	?	
<u>Media Player Classic Home Cinema</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
<u>MediaPortal</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	Yes	Yes	Yes	Yes	Yes	
<u>MPlayer</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
<u>mpv</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
<u>Plex Media Player</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	Yes	Yes	Yes	Yes	Yes	
<u>PotPlayer</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
<u>QuickTime Player</u>	Yes	Partial ^[v 3]	No	Partial ^[v 1]	No	Yes	Partial ^[v 4]	?	No	Partial ^[v 1]	Yes	No	No	
<u>RealPlayer</u>	Yes	Yes	Yes	Partial ^[v 4]	No	Yes	No	?	No	No	No	No	No	
<u>SMPlayer</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	Yes	Yes	Yes	Yes	Yes	
<u>GNOME Videos (formerly Totem)</u>	Yes ^[v 5]	Yes ^[v 5]	Yes ^[v 5]	Yes ^[v 5]	Yes ^[v 5]	Yes ^[v 5]	Yes ^[v 5]	Yes ^[v 5]	Yes ^[v 5]	Yes ^[v 5]	Yes ^[v 5]	Yes ^[v 5]	Yes ^[v 5]	
<u>VLC</u>	Yes	Yes	Partial	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
<u>Winamp</u>	Yes	Yes	Partial ^[v 2]	Yes	Partial ^[45]	Yes	Partial ^[45]	Partial ^[45]	Partial ^[45]	Partial ^[45]	Yes	Partial ^[45]	Partial ^[45]	Partial ^[45]
<u>Windows Media Player</u>	Yes	Yes	Partial ^[v 2]	Partial ^[v 2]	Partial ^[v 2]	Partial ^[v 2]	Partial ^[v 2]	Partial ^[v 2]	Partial ^[v 2]	Partial ^[v 2]	Partial ^[v 2]	Partial ^[v 2]	Partial ^[v 2]	
<u>Kodi (formerly XBMC)</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
<u>xine</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	No	Yes	Yes	Yes	Yes	
Video player	MP3	WMA	RealAudio	Vorbis	Musepack	AAC	AC-3	Opus	APE	FLAC	ALAC	SHN	WV	

Container format ability

Information about what container formats the players understand. Footnotes lead to information about abilities of future versions of the players or filters that provide such abilities.

Video player	AVI	ASF	QuickTime	Ogg	OGM	Matroska	MP4	NUT	FLV	WebM
ALLPlayer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?
Apprentice Video	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?
FFplay	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
GOM Player	Yes	Yes	Yes	Vorbis only	Yes	Yes	Yes	?	Yes	?
iTunes	No	Win: yes Mac: file is parsable	Yes	Partial ^[v 1]	No	No	Yes	?	?	?
jetAudio	Yes	Yes	Partial ^[46]	Vorbis only	Yes	Yes	Partial ^[v 2]	?	?	Yes
JRiver Media Center	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	Yes	?
K-Multimedia Player	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?
Mac Blu-ray Player	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	Yes	?
Media Player Classic Home Cinema	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MediaPortal	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?
Microsoft Movies & TV (formerly Xbox Video)	Yes	Yes	Yes	No	?	Yes	Yes	?	No	?
MPlayer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
mpv	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Plex Media Player	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	Yes	?
PotPlayer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	Yes	Yes
QuickTime Player	Yes	Partial ^[v 3]	Yes	Partial ^[v 1]	No	Yes ^[47]	Yes	?	Yes ^[47]	Yes ^[47]
RealPlayer	Yes	Yes	Yes	Partial ^[v 4]	Partial ^[v 4]	No	Yes	?	?	?
GNOME Videos (formerly Totem)	Yes ^[v 5]	Yes ^[v 5]	Yes ^[v 5]	Yes ^[v 5]	Yes ^[v 5]	Yes ^[v 5]	Yes ^[v 5]	?	Yes ^[v 5]	Yes ^[v 5] ^[48]
VLC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Winamp	Yes	Yes	Partial ^[46]	Vorbis only	Partial ^[v 2]	Partial ^[v 2]	Yes	?	?	Yes
Windows Media Player	Yes	Yes	WMP12 Yes ^[46]	Partial ^[v 2]	Partial ^[v 2]	Partial ^[v 2]	WMP12 Yes ^[v 2]	?	Yes	?
Kodi (formerly XBMC)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
xine	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	Yes	?
Video player	AVI	ASF	QuickTime	Ogg	OGM	Matroska	MP4	NUT	FLV	WebM

Streaming support

Information about which internet protocols the players understand, for receiving streaming media content.

Video player	HTTP	HTTPS	HLS	DASH	HDS	Smooth	FTP	SFTP	RTSP RTSPUI/RTSPT	MMS MMSU/MMST	RTMP	Podcast	RDT/RealRTSP	RTP
<u>ALLPlayer</u>	?	?	?	?	?	?	?	?	?	?	?	?	?	?
<u>Amarok</u>	Yes	?	?	?	?	?	?	?	Yes	Yes	?	Yes	?	?
<u>Apprentice Video</u>	Yes	No	Partial	?	?	?	No	?	Yes	Yes	Yes	No	No	Yes
<u>FFplay</u>	Yes	Yes ^[49]	Yes	Yes ^[50]	patch available ^[51]	No	Yes	Yes ^[52]	Yes	Yes	Yes	No	Yes	Yes
<u>GOM Player</u>	Yes	?	?	?	?	?	?	?	No	Yes	?	No	?	?
<u>iTunes</u>	Yes	?	?	?	?	?	?	?	Yes	No	?	Yes	?	?
<u>jetAudio</u>	Yes	?	?	?	?	?	?	?	No	?	?	?	?	?
<u>JRiver Media Center</u>	Yes	?	?	?	?	?	?	?	?	?	?	Yes	?	?
<u>K-Multimedia Player</u>	Yes	?	?	?	?	?	?	?	Yes	Yes	?	No	?	?
<u>Media Player Classic Home Cinema</u>	Yes	Yes	Yes	Yes	No	Yes	?	?	Yes	Yes	Yes	No	?	Yes
<u>MediaPortal</u>	Yes	Yes	?	?	?	?	Yes	?	?	Yes	?	?	?	Yes
<u>MPlayer</u>	Yes	?	?	?	?	?	Yes	?	Yes	Yes	No	Yes	?	Yes
<u>mpv</u>	Yes	Yes	Yes	Yes ^[53]	?	?	Yes	?	Yes	Yes	No	Yes	?	Yes
<u>PotPlayer</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
<u>QuickTime Player</u>	Yes	?	?	?	?	?	?	?	Yes	No	?	Yes	?	?
<u>RealPlayer</u>	Yes	?	?	?	?	?	?	?	Yes	Yes	?	Yes	?	?
<u>GNOME Videos (formerly Totem)</u>	Yes ^[v 5]	Yes ^[v 5]	Yes ^[v 5]	Yes ^[v 5]	?	?	Yes ^[v 5]	?	Yes ^[v 5]	Yes ^[v 5]	Yes ^[v 5]	No	?	Yes ^[v 5]
<u>VLC</u>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<u>Winamp</u>	Yes	?	?	?	?	?	?	?	No	Yes	?	Yes	?	?
<u>Windows Media Player</u>	Yes	?	?	?	?	?	?	?	Yes	Dropped (WMP10)	?	Yes	?	?
<u>Kodi (formerly XBMC)</u>	Yes	Yes	Yes	?	?	?	Yes	?	Yes	Yes	Yes	Yes	Yes	Yes
<u>xine</u>	Yes	?	?	?	?	?	?	?	Yes	Yes	?	No	?	?
Video player	HTTP	HTTPS	HLS	DASH	HDS	Smooth	FTP	SFTP	RTSP	MMS	RTMP	Podcast	RDT/RealRTSP	RTP

Playlist format ability

Information about which playlist formats the players understand.

Video player	asx/wax/wvx	m3u/m3u8	pls	xspf	ram/rmm	sdp	rpl	xpl	bdmv	wmx
ALLPlayer	No	Yes	Yes	?	?	?	?	?	?	?
Apprentice Video	No	No	No	No	No	No	No	No	No	No
FFplay	No	No	No	No	No	No	No	No	?	?
GOM Player	?	?	?	?	?	?	?	?	?	?
iTunes	No	No	No	No	?	?	?	?	?	?
jetAudio	?	Yes	Yes	?	?	?	?	?	?	?
JRiver Media Center	Yes	Yes	Yes	?	?	?	?	?	?	?
K-Multimedia Player	Yes	Yes	Yes	?	Yes	?	?	?	?	?
Mac Blu-ray Player	?	?	?	?	?	?	?	?	?	?
Media Player Classic Home Cinema	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
MediaPortal	?	Yes	Yes	?	?	?	?	?	?	?
MPlayer	Yes	Yes	Yes	No	?	?	?	?	?	?
mpv	Yes	Yes	Yes	No	?	?	?	?	?	?
PotPlayer	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes
QuickTime Player	?	?	?	?	?	?	?	?	?	?
RealPlayer	Yes	Yes	Yes	?	Yes	Yes	Yes	Yes	?	?
GNOME Videos (formerly Totem)	Yes	Yes	Yes	Yes	Yes	Yes	?	?	?	?
VLC	Yes	Yes	Yes	Yes	Yes	Yes	?	?	Yes	?
Winamp	Yes	Yes	Yes	Yes	?	?	?	?	?	?
Windows Media Player	Yes	Yes	No	?	?	?	?	?	?	?
Kodi (formerly XBMC)	Yes	Yes	Yes	Yes	Yes	Yes	?	?	Yes	Yes
xine	?	?	?	?	?	?	?	?	?	?
Video player	asx/wax/wvx	m3u/m3u8	pls	xspf	ram/rmm	sdp	rpl	xpl	bdmv	wmx

Electronic program guide format ability

Information about which [Electronic program guide](#) format the players viewable.

Video player	PSI EIT	PSIP	XMLTV
ALLPlayer	?	?	?
Apprentice Video	?	?	?
FFplay	No	No	No
GOM Player	?	?	?
iTunes	?	?	?
jetAudio	?	?	?
JRiver Media Center	?	?	?
K-Multimedia Player	?	?	?
Mac Blu-ray Player	?	?	?
Media Player Classic Home Cinema	?	?	?
MediaPortal	?	?	?
MPlayer	No	No	?
mpv	No	No	?
PotPlayer	Yes	Yes	No
QuickTime Player	?	?	?
RealPlayer	?	?	?
GNOME Videos (formerly Totem)	?	?	?
VLC	Yes	Yes	?
Winamp	?	?	?
Windows Media Player	?	?	?
Kodi (formerly XBMC)	Partial	?	Partial
xine	?	?	?
Video player	PSI EIT	PSIP	XMLTV

Subtitle ability

Information about what subtitle formats the players understand. Footnotes lead to information about abilities of future versions of the players or filters that provide such abilities.

Video player	Text										
	<u>SubRip (.srt)</u>	<u>SubStation Alpha (.ssa+.ass)</u>	<u>MicroDVD (.sub)</u>	<u>SAMI (.smi)</u>	<u>SubViewer (.sub)</u>	<u>RealText (.rt)</u>	<u>Text file (.txt)</u>	<u>Universal Subtitle Format (.usf)</u>	<u>Closed captioning</u>	<u>MPEG-4 Part 17</u>	<u>SCTE-27</u>
ALLPlayer	Yes	Yes	Yes	Yes	Yes	Yes	No	No	?	?	?
Apprentice Video	Yes ^[stnotes 1]	Yes ^[stnotes 1]	No	No	No	No	No	No	No	?	?
FFplay	Yes ^[stnotes 2]	Yes ^[stnotes 2]	Yes ^[stnotes 2]	Yes ^[stnotes 2]	Yes ^[stnotes 2]	Yes ^[stnotes 2]	Yes ^[stnotes 2]	No	Yes ^[stnotes 2]	Yes ^[stnotes 2]	No ^[55]
GOM Player	Yes	Partial ^[stnotes 3]	Yes	Yes	No	Yes	No	No	?	?	?
iTunes	No	No	No	No	No	No	No	No	No	?	?
jetAudio	Yes	Partial ^[stnotes 3]	Yes	No	?	No	Yes	Yes	Yes	?	?
JRiver Media Center	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	?	?
K-Multimedia Player	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	?	?
Mac Blu-ray Player	?	?	?	?	?	?	?	?	?	?	?
Media Player Classic Home Cinema	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?
MediaPortal	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?	?
MPlayer	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	?	?
PotPlayer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	?
QuickTime Player	Yes ^[47]	Yes ^[47]	No	No	No	No	No	No	?	?	?
RealPlayer	Yes	No	Yes	Yes	?	Yes	Yes	No	?	?	?
GNOME Videos (formerly Totem)	Yes	Partial ^[stnotes 3]	?	No	?	No	?	No	?	?	?
VLC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Winamp	Yes ^[stnotes 4]	Yes ^[stnotes 4]	Yes ^[stnotes 4]	Yes ^[stnotes 4]	No	No	Yes ^[stnotes 4]	Yes ^[stnotes 4]	?	?	?
Windows Media Player	Yes ^[stnotes 4]	Yes ^[stnotes 4]	Yes ^[stnotes 4]	Yes ^[stnotes 4]	No	No	Yes ^[stnotes 4]	Yes ^[stnotes 4]	?	?	?
Kodi (formerly XBMC)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	?	?
xine^[stnotes 5]	Yes	Partial ^[stnotes 3]	Yes	Yes	Yes	No	Yes	No	?	?	?
Video player	<u>SubRip (.srt)</u>	<u>SubStation Alpha (.ssa+.ass)</u>	<u>MicroDVD (.sub)</u>	<u>SAMI (.smi)</u>	<u>SubViewer (.sub)</u>	<u>RealText (.rt)</u>	<u>Text file (.txt)</u>	<u>Universal Subtitle Format (.usf)</u>	<u>Closed captioning</u>	<u>MPEG-4 Part 17</u>	<u>SCTE-27</u>

1. Subtitles stored separately from the media file are not supported.
2. only if FFmpeg was built with libass and 'subtitles' video filter.
3. This player understands some of the formatting data from SSA/ASS (at most coloring but no positioning, animation, typesetting etc.), but some players could understand the rest of it by using DirectVobSub as external subtitle filter instead of the built-in one.
4. For Windows, the ability to use many subtitle formats can be added by installing DirectVobSub or ffdshow.
5. "FAQ | Kaffeine - KDE Media Player" (<http://kaffeine.kde.org/?q=faq#question9>). *Kaffeine FAQ*. Retrieved October 2, 2009.

Metadata ability

Information about what metadata, or tagging, formats the players understand. Most other containers have their own metadata format and the players usually use them. Footnotes lead to information about abilities of future versions of the players or plugins that provide such abilities.

Video player	ID3v1	ID3v2	APEv2 tag	Vorbis comment	AMF	ASF metadata	MOV metadata	Cue sheet	CD-Text
ALLPlayer	Yes	Yes	No	No	?	?	?	No	No
Apprentice Video	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
FFplay	Yes ^[57]	Yes ^[58]	Yes ^[59]	Yes	Yes ^[60]	Yes	Yes	patch available ^[61]	No
GOM Player	No	No	No	No	?	?	?	?	?
iTunes	Yes	Yes	No	?	?	?	Yes	?	Yes
jetAudio	Yes	Yes	Yes	Yes	?	?	?	Partial ^[metadatanotes 1]	?
JRiver Media Center	Yes	Yes	Yes	Yes	?	?	?	Yes	Yes
K-Multimedia Player	Yes	Yes	Yes	Yes	?	?	?	Yes	Yes
Mac Blu-ray Player	?	?	?	?	?	?	?	?	?
Media Player Classic Home Cinema	Yes	Yes	Yes	Yes	?	Yes	Yes	?	?
MediaPortal	Yes	Yes	Yes	?	?	?	?	?	?
MPlayer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Partial ^[metadatanotes 2]	?
PotPlayer	Yes	Yes	Yes	?	?	?	?	Yes	?
QuickTime Player	Yes	?	?	?	?	?	?	?	?
RealPlayer	Yes	Yes	?	No	?	?	?	Yes	
GNOME Videos (formerly Totem)	Yes	Yes	Yes	Yes	?	Yes	Yes	?	?
VLC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Partial	Yes
Winamp	Yes	Yes	Partial ^[metadatanotes 3]	Yes	?	?	?	Partial ^[v 4]	Yes
Windows Media Player	Yes	Partial ^[metadatanotes 4]	?	Partial ^[v 4]	?	Yes	?	No	Partial ^[v 4]
Kodi (formerly XBMC)	Yes	Yes	Yes	Yes	No	No	No	Yes	Partial
xine	Yes	Partial ^[metadatanotes 5]	?	Yes	?	?	?	?	?
Video player	ID3v1	ID3v2	APEv2 tag	Vorbis comment	AMF	ASF metadata	MOV metadata	Cue sheet	CD-Text

1. Supports via plugin available in Cowon Forums
2. MPlayer can read .cue files with cue:// type URL, but has problems, see [Talk:Cue sheet \(computing\)#mplayer have more faults](#)
3. Winamp relies on the tagging of its decoder. Replacing the standard decoder with an APEv2 capable one is possible.
4. ID3 V2.4 not supported (even on Windows Media Player 12).
5. Displays basic ID3v1 / ID3v2 / Ogg Vorbis tags

Optical media ability

Information about what kinds of optical discs the players can play. Footnotes lead to information about abilities of future versions of the players or plugins that provide such abilities. Playback of Super Audio CD is not possible for any media player, because no suitable hardware exists. All media players capable of audio CD playback will also play the Redbook core of any HDCD disc, providing no sound-quality benefits over standard audio CDs.

Video player	Audio				Video				
	CD	DVD-Audio	HDCD	Super Audio CD (SACD)	Video CD (VCD)	SVCD	DVD	Blu-ray Disc	HD DVD
ALLPlayer	Yes	?	?	?	?	No	Yes	?	?
Apprentice Video	No	No	No	?	No	No	No	No	No
FFplay	via libcdio	No	via libcdio ^[optical 1]	?	No	No	No	via libbluray	No
GOM Player	Yes	No	No	?	Yes	Yes	Yes	No	?
iTunes	Yes	No	No	?	No	No	No	No	No
jetAudio	Yes	No	No	?	Yes	Yes	Yes	No	No
JRiver Media Center	Yes	No	No	?	Yes	Yes	Yes	Yes	?
K-Multimedia Player	Yes	No	No	?	Yes	Yes	Yes	No	No
Media Player Classic Home Cinema	Yes	Yes	Yes	?	Yes	Yes	Yes	Commercial BDs unsupported	Yes
MediaPortal	Yes	Yes	Yes	?	Yes	Yes	Yes	Yes ^[optical 2]	?
MPlayer	Yes	No	No	?	Yes	Yes	Yes	No	No
PotPlayer	Yes	Yes	No	?	Yes	Yes	Yes	Yes	No
PowerDVD	Yes	No longer supported	?	?	Yes	Yes	Yes	Yes	No longer supported
QuickTime Player	Yes	Yes	Yes	?	Yes	No ^[optical 3]	Yes	No	No
RealPlayer	Yes	No	No	?	Yes	Yes	Yes	No	No
GNOME Videos (formerly Totem)	Yes	No	No	?	Yes	Yes	Yes	No	No
VLC	Yes	Yes ^[optical 4]	No	?	Yes	Partial ^[optical 5]	Yes	Commercial BDs unsupported ^[62]	Yes ^[optical 6]
Winamp	Yes	No	Yes	?	No	No	No	No	No
Windows Media Player	Yes	Yes	Yes	?	Yes	Yes	Yes	No	No
Kodi (formerly XBMC)	Yes	No	No	?	Partial ^[optical 7]	Partial ^[optical 7]	Yes	Commercial BDs unsupported	?
xine	Yes	No	No	?	Yes	Yes	Yes	No	No
WinDVD	Yes	?	?	?	Yes	Yes	Yes	Yes	No
Video player	CD	DVD-Audio	HDCD	Super Audio CD (SACD)	Video CD (VCD)	SVCD	DVD	Blu-ray Disc	HD DVD

1. A built-in hdcdd audio filter is available but needs to manually enable via commandline option.
2. See [this thread](http://forum.team-mediaportal.com/mediaportal-plugins-47/bluray-handler-0-9-7-beta-81068/) (<http://forum.team-mediaportal.com/mediaportal-plugins-47/bluray-handler-0-9-7-beta-81068/>) Archived (<https://web.archive.org/web/20120130125830/http://forum.team-mediaportal.com/mediaportal-plugins-47/bluray-handler-0-9-7-beta-81068/>) January 30, 2012, at the [Wayback Machine](#) on team-mediaportal.com
3. See [VCD and SVCD players](http://www.thexlab.com/faqs/vcds.html) (<http://www.thexlab.com/faqs/vcds.html>) on The X Lab
4. DVD Audio files are playable in VLC 1.1
5. See [VLC playback Features](http://www.videolan.org/vlc/features.html) (<http://www.videolan.org/vlc/features.html>) at videolan.org.
6. HD-DVD .evo (H.264, VC-1, MPEG-2, PCM, AC-3, E-AC3, MLP, DTS) from version 3.0.0
7. VCD menu and SVCD menus are not supported nor displayed.

See also

- [List of codecs](#)
- [Open source codecs and containers](#)
- [Comparison of video codecs](#)
- [Comparison of audio coding formats](#)
- [Comparison of container formats](#)
- [Subtitle \(captioning\)](#)
- [Comparison of portable media players](#)
- [Comparison of video encoders](#)
- [Comparison of PVR software packages](#)

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Related lists on other projects

- [m:Open Source Toolset](#) - short sections on Audio editing and Video editing
- [Software](#) - short lists of Ogg audio and video editors

- [Help:Converting video](#) - tools for manipulating audio and video
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