

Welcome to M-Player!

M-Player is a stand-alone media player with the following functions:

<u>Click</u>	<u>Press</u>	<u>Function</u>
Load File		Load file(s) or CD tracks to playlist and start playing
Load Folder		Load a folder or a CD to playlist and start playing
Change Folder	Ctrl+Alt+c	Load a new folder and its sub-folders
Unload	Ctrl+Alt+u	Close current media and unload playlist
Media title	Ctrl+Alt+L	Show/Hide playlist (context menu available)
Shuffle/Sort	Ctrl+Alt+s	Load shuffled or sorted playlist
Progress Bar		Click and drag progress bar to change playback position
Current media position		Set A-B repeat positions
Total media length		Set multi-file repeat function
mPlayer icon on Windows		Show/Hide all open GUIs
taskbar	Ctrl+Alt+w	Move all GUIs to default positions and bring them to foreground
▶/■ ■	Ctrl+Alt+p	Play/Pause(A single-click on video image has same effect)
◀	Ctrl+Alt+Left	Play previous file
▶	Ctrl+Alt+Right	Play next file
U	Ctrl+Alt+r	Repeat/Unrepeat current file
▲	Ctrl+Alt+Up	Volume up by 10% points
▼	Ctrl+Alt+Down	Volume down by 10% points
🔊/🔇	Ctrl+Alt+m	Turn audio on/off
?	Ctrl+Alt+h	Show/Hide Help window
⇐/↗	F11/Esc	Full screen on/off(A double-click on video image has same effect)
	Ctrl+Alt+i	Internet search results on current file
	Ctrl+Alt+f	View file properties of current file
	Ctrl+Alt+v	Execute an expression
✕	Ctrl+Alt+End	Terminate the program

When this program is run, it will look for mPlayer.ini file in the script directory. This file stores the playback settings of the last session such as folder and playlist loaded, mode of play (shuffled or sorted), volume and 'Resume playback' options in effect at the time the program was terminated. If the file exists, the player will resume these playback settings and start playing the stored playlist immediately.

If mPlayer.ini file does not exist in the script directory or if the folder stored in mPlayer.ini does not have a playlist file (mPlaylist.txt), the program will wait for you to select files or a folder to load into playlist. You can do this by clicking one of the two Load buttons: 'Load File' will load one or more files in a folder, and 'Load Folder' will load all the files in a folder. When you load a folder, you have an option to include or exclude files of the sub-folders in the playlist. This option applies only when the folder has media files in both top-level and sub-level folders and there is no existing playlist in that folder. Upon loading the files or a folder, the program will immediately start playing the playlist. If the Shuffle button is clicked any time thereafter, the playlist will be shuffled to a random order.

When you load a folder for the first time, the player will get media lengths in the background and fill the Length column of the playlist. During this time, media will keep playing but Shuffle/Sort, Load/Unload, Rescan and Reshuffle functions will be disabled and media title will be displayed in red color. This process will take about 15 seconds for a folder containing 500 media files.

This player will loop through the playlist endlessly unless you Unload the playlist, Change Folder, or

terminate the program. If a folder had been loaded, the playlist will be saved in that folder just before the player leaves the folder. mPlaylist.txt stores sorted playlist and mPlaylist-Shuffled.txt the shuffled playlist. The first line of these playlists will contain the file name last played, playing mode and resume playback options in effect. You can switch between sorted and shuffled playlist by clicking Shuffle/Sort button or pressing Ctrl+Alt+s hotkey. For an audio CD last played, the playlist is saved in [Audio CD] section of mPlayer.ini file. When you come back to CD drive, mPlayer will first confirm whether the currently mounted CD is the same as the one last played, If confirmed, the previous playback environment will be resumed.

If you want to create a playlist of your own, create a file named mPlaylist.txt and populate the file with the full paths of your favorite titles leaving the first line empty. When you are done, copy the line you want to play first and paste it into the first line. This playlist may contain files from different folders. If you put this file in any folder, preferably an empty one with this file only, you can load this folder the same way as you load other folders with media files in them.

The current file name is displayed in the media title control of the main window. If the file name is longer than the display control width, the file name will flow in marquee style.

The playlist is hidden by default. You can view it by clicking the media title control or pressing Ctrl+Alt+L hot keys. In the playlist window, you can search strings, rescan the folder or reshuffle the playlist. If you double-click a playlist item, that item will be played back. A right click on any item will bring up a context menu: available menus are 'Play this file', 'File properties', 'Search internet', 'Go to this folder' and 'Remove from playlist'. CD tracks do not contain metadata by design, rendering file properties irrelevant for them. File properties of the current file can also be viewed by pressing Ctrl+Alt+f.

In the playlist window you can also set options for resuming playback from the last playback position. You can set minimum total length and minimum playback length of a file to resume the playback position. If you leave a folder in the middle of a file, these options will be saved and resumed when you come back to that folder.

When a video file is opened for playback, a separate video window will be opened and initially positioned at the center of desktop screen, with its width about 2/3 of the desktop width. The video window can be moved or resized during the play back, and the size of window will be forcefully adjusted to maintain the aspect ratio of source file. If you move the mouse to the lower side of video window, a graphical control will appear at the bottom of the video. You can turn full screen mode on or off by clicking  icon in the graphical control, double-clicking on the video image, or pressing F11 key when the center point of video is visible. Once the video is maximized or turned into full screen, the player will play next files in that size.

Playback can be paused and resumed by clicking Play() / Pause() icon, pressing Ctrl+Alt+p or clicking on the video image.

You can move to the previous file or to the next file by clicking left or right side of  icon or pressing Ctrl+Alt+Left or Right arrow.

If you click the center of  icon, the letter U will be changed to 0 and the current file will be repeated until you click it back to U or select another file to play. This function can also be implemented by pressing Ctrl+Alt+r. If you loaded only one file, that file will be repeated regardless of the repeat status. If you want to repeat certain portion of the current file, you can click the current media position label (at the left side of slider) and set the start and end positions in seconds or mm:ss format. If set, the corresponding portion of the slider will turn to pink color. If you want to repeat certain files out of a large playlist, you can click the total media length label (at the right side of slider) and set the files to repeat. If set, the playlist will be reloaded with corresponding items displayed in pink background. While

this function is in effect, shuffle, sort and rescan functions will be disabled for an obvious reason.

The program audio volume can be increased or decreased by clicking ▲ or ▼ icon or by pressing Ctrl+Alt+Up or Down arrow. The volume will be adjusted by 10 percentage points per click, the result appearing in a tooltip near the icon. The sound can be muted or unmuted by clicking  icon or pressing Ctrl+Alt+m. Windows Volume Mixer settings page may also be used to change volumes or to mute the sound.

If your computer has Intel CPU and Intel HD Graphics Control Panel, the Windows uses Ctrl+Alt+Arrow hotkeys to rotate the screen orientation. You can either disable screen rotation keyboard shortcuts in the PC Settings app or use alternate hotkey combinations in which arrows have been replaced with following keys: up arrow with equals(=) key, down arrow with minus(-) key, left arrow with comma(,) key and right arrow with period(.) key.

If you press Ctrl+Alt+i, your default browser will show the result of internet search on the current file.

The progress of playback is displayed in both graphics and text. You can navigate to a different playback position by clicking and dragging the small rectangular progress bar along the slider or by clicking anywhere on the slider.

Ctrl+Alt+v brings up a small GUI where you can execute an expression. This is mainly for checking the current value of variables including arrays which can be displayed by _ArrayDisplay() command. This function may be of help to those who want to tweak this program. Beware that an AutoIt function like _ArrayDelete() and user-defined function like _Exit() can be executed and may foul up the flow of the program.

By pressing Ctrl+Alt+w anytime, you can move all GUIs to their default positions and bring them up to foreground. The video window will be resized to its default size so that the main GUI is not blocked by the video.

If you press hotkeys to change folder, display playlist, help, or file properties window while video is playing in full screen, the video is reduced to maximized window and make it a non-top window.

You can terminate the program by clicking the main GUI Close button or  icon on the video control, or by pressing Ctrl+Alt+End. If a folder was loaded at the time of termination, mPlayer.ini file is created in the script directory where all the playback environment settings are saved including the folder name, playing mode (shuffled or sorted), audio volume, etc. The player will resume these settings in the next session.

Winmm.dll, which powers this player, can intrinsically play back mp3, wma, wav, asf, avi and wmv files, and additional codecs are required to play back other file types. Initially the playlist will include mp3, wav, wma, ogg, ape, flac, asf, mp4, wmv, avi, mkv, flv, webM and cda files in the selected folder. Additional file formats you want to include in the playlist should be added in mPlayer.ini file under File Types key.

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