

## What Is KSP?

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## What Is KSP?

KSP is a Windows media player designed especially for users who wants to have powerful, light and fast player with nice look, many useful and innovative features. Imagine your current media player and everything you want to have in it but you haven't without installing additional extensions not available in default setup and not supported by producer. If you know that situation it means that KSP is made for people like you.

## Key Features

- **10 bands equalizer**
- **Video and audio player with support for additional files** - KSP uses own plugin system to add support for additional file types. Video is played using Microsoft DirectX library and use all video/audio filters available in system. Audio files are played by special audio library with support for it's own plugins and for Winamp plugins. It means that you can just copy your Winamp plugins to right folder in KSP directory to make them available. KSP can use Winamp input and visualization plugins
- **Easy installation and configuration** – installation is very simple and in fact the only thing you have to do is to click Next button. On first startup KSP will run Configuration Wizard which allows you to configure your Media Library, file extensions and Internet Connection. After the wizard is finished, the rest of configuration is done automatically but can be changed in KSP Options
- **Simple interface** – KSP doesn't show many windows like some other products do. You can do everything jst in one window by clicking right buttons. It means that you can easily fix on things you do
- **Mini interface** – if you think that KSP has so big you can use mini interface by choosing right option from context menu or/and minimizing it to tray
- **Background work** – KSP can work in background. After startup there is all the time available an icon in Windows tray with KSP logo. From context menu you can choose to minimize KSP to tray. After that if you want for example load playlist or media file, or change song in playlist, manage Automatic Suggestion Addition there is no need to restore whole KSP but you can do everything from context menu in tray!
- **Suggestions and Automatic Suggestion Addition** – KSP learns many things while you are using it. Your favorite songs, favorite artist, what song would you like to play after current, etc. This information is used by VDJ feature. If you enable it KSP will use it's knowledge about music you like to manage current playlist. On new song is played KSP runs additional thread which will choose songs KSP thinks should be next. This thread is in background so while choosing songs, KSP won't pause or stop current playback and you won't see differenc with or without VDJ enabled.
- **Support for M3U and PLS playlists** – KSP can load and save this two well known playlist types
- **Support for KPL playlist** – KSP also has a support for Kalliope PlayList files. KPL playlist has some more features than M3U and PLS like tag storing (PLS playlists

store only titles not whole information to reproduce title in playlist editor), playlist architecture versioning and much more. KPL playlist architecture is developed by Kalliope s.c. and only architecture versions made by Kalliope s.c. are official and officially supported

- **Flexible interface** – You don't like default look? So change your skin for KSP. Currently there are over 100 themes available for KSP. This themes are included in Bundle version and can be also downloaded separately from <http://ksp.kalliope.pl>. If you don't like right side panel then just press button on right side of main KSP window. Also you can drag all sheets from right panel to main window so you don't have to use it
- **Code Hot swapping** – First thing KSP does on startup is to find what CPU do you have and to choose right core routines for it

### How To Get It?

Currently there are some sites where you can get KSP but if you want to be sure that you have the last official edition then go to <http://ksp.kalliope.pl>. Here you can get everything you need. Also all official themes/tools/plugins are available here so if you need something KSP doesn't have by default, just go there and find it.

### How To Start With KSP?

First: install it. Second: visit <http://ksp.kalliope.pl>. There are and will be published official tutorials for KSP describing step-by-step how to work with it. Also official, always updated manual will be available online on KSP official website.

If you won't find an answer for your questions there then the third thing you can do is to visit our support center. The basic method is to run KSP then choose Help->Support and Support Center will be automatically loaded. If you do not prefer this method then point your browser to <http://ksp.kalliope.pl/support/> and the same form will appear. For more information about support and Support Center read Support chapter

### Why KSP?

KSP has support for many features like Automatic Suggestion Addition, Media Library, nice themes and much more. KSP is designed especially for users who want to have faster player than this one they are currently using. So there are implemented many technologies to speed up KSP and make it more compatible not only with your operating system but to get as much power from your hardware, as it only can be get.

For example KSP uses special memory manager to speed up operations in memory and to lower memory usage by removing unused data. It frees much memory especially while KSP is minimized and works in background. This freed memory can be also used by KSP in real time. For example KSP to speed up many operations store the most used data in memory or at least in swap file. Also configured Media Library can speed up many things like tag reading, etc. This features enables KSP to for example read tags for all entries of currently loaded playlist on playlist load. It means no more interrupts while scrolling playlists as you can see in some other players.

Also Code hot swapping technologies are to make it working faster. It means that you can run KSP on old Pentium 2 CPU but if you have the newest AMD64 or Pentium 4 then KSP will use even SSE3 instruction set to speed up all operations. KSP has different optimizations for 6 architectures and it chooses right one on every startup so to use this feature there is no need to do special configuration. Currently KSP has special optimization for all Pentium 4/Pentium III/Pentium M/Celeron basing on Pentium 4, 3 or M/AMD64/Athlon XP/Sempron/Duron

with SSE. If you have other CPU then it is always recognized as with MMX support so to run KSP you need CPU with at least MMX instruction set (old Pentium 2/Pentium MMX, etc). If this things doesn't convince you then you can always ask all questions using feedback form on <http://ksp.kalliope.pl>. We read all e-mails and will answer to all.

## Support

Read this section very carefully! It will decrease time you will use to describe us your problem. If KSP doesn't work properly then everything you have to do is to follow this steps:

1. Try to find out if there is something wrong with your system (scan for viruses, spyware, rootkits, etc.)
2. If you don't have much disk space then clean it! In many cases KSP will not work because it cannot store data on HDD
3. Be sure that you meet KSP requirements (can be found on <http://ksp.kalliope.pl>)
4. When a problem occurs then immediately do this things:
  - Go to folder when you have installed KSP
  - change folder to logs and find last log. Logs are created by scheme: dateTtime\_player.log. Copy last log and if you wish also a few logs before (at least logs from time the error started to occur)
  - go to our Support Center (Help->Support or <http://ksp.kalliope.pl/support/>)
  - fill the form and send it. Make sure that as Department you have chosen Bugs
  - wait for an answer. As soon as we will check this bug request, we can answer you for some other info (like log files you have saved)
  - as soon as the problem has been fixed you will receive an e-mail describing how we fixed it

## Important!

While sending bug request include in your message following information:

1. CPU model
2. How much RAM is installed
3. Operating system (and if any Service Packs are installed then also which SP)
4. Free HDD space
5. KSP version. You can get it from Help->About sheet or from Add/Remove Programs Control Panel applet

## Known Issues

This problems are already known so you do not have to report them. Also here is the instruction what to do if such problem will occur:

1. **Uninstaller hangs or an error occurs at the beginning** – Before de-installation it is strongly recommended to run <ksp\_folder>\player.exe with parameter UNINSTALL. If everything goes right then nothing will be shown on screen. After that you can run uninstaller. If uninstaller hangs then press ctrl-alt-del. Find process player.exe and kill it.
2. **ieframe.dll access violation** – occurs sometimes if Internet Explorer 7 is installed. Just close KSP and run it again. It should be able to run.
3. **kspfiles.dll access violation** – kspfiles.dll library access violation error can sometimes appear but usually you have to close KSP and run it again.
4. **KSP hangs while starting up and last entry in logs is Searching for drives** – kill player.exe process by pressing ctrl-alt-del and run KSP again.

If any problem above occurs too often then it can mean that this is something else we don't know it yet. Go to our Support and report it then.