Splash PRO EX User Manual

About Splash PRO EX

The ultimate HD video player!

Thank you for choosing Splash PRO EX product. With Splash PRO EX you can play and convert all your High Definition movies and camcorder clips in outstanding quality, incredibly fast and without problems.

Mirillis company puts great effort in providing highly optimized, multi-core and GPU enabled audio/video codecs and advanced video post-processing algorithms. Together with ultra responsive, stylish and user friendly interface Splash PRO EX lets you enjoy your videos like never before – smooth motion, crisp details and vivid colors.

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MINIMUM SYSTEM REQUIREMENTS

For Standard Definition audio/video playback.

OPERATING SYSTEM

Windows® XP(SP3), Windows Vista®, Windows 7

DirectX® and latest graphics card drivers

RAM MEMORY

512MB

HARD DISK SPACE

50MB

GRAPHICS CARD

Video Overlay support or DirectX® 9.0c compatible graphics card

SOUND CARD

DirectX® compatible

SPDIF/HDMI output required for audio bitstreaming.

CPU

Intel® Celeron® 1.4GHz or equivalent processor

(SSE2 required)

DISPLAY

Monitor: 59/60Hz, resolution: 800x600 or higher

RECOMMENDED SYSTEM REQUIREMENTS

For High Definition audio/video playback and hardware accelerated video encoding

OPERATING SYSTEM
Windows® XP(SP3), Windows Vista®, Windows 7
DirectX® 9.0c and latest graphics card drivers

RAM MEMORY
1024MB (1GB)

HARD DISK SPACE
50MB

SOUND CARD
DirectX® compatible
SPDIF/HDMI output required for audio bitstreaming.
HDMI 1.3 output and Windows 7 is required for HD audio
bitstreaming.

CPU for Software HD Video Decoding
Minimum dual core Intel® 1.66GHz or equivalent
processor (SSE2 required)

DISPLAY
Monitor: 59/60Hz, resolution: 800x600 or higher

GRAPHICS CARD
DirectX® 9.0c Compatible Graphics Card

ATI™ for GPU Hardware Acceleration
ATI Radeon™ 2xxx, 3xxx, 4xxx, 5xxx, 6xx Series with ATI Avivo™ UVD
support

Intel® for GPU Hardware Acceleration
Intel® HD Graphics, Intel® GMA 4500 (chipsets: Q45/Q43), GMA
X4500HD (chipset: G45), GMA 4500MHD (chipsets: GS45, GM45,
GM47) with Intel® Clear Video support.

NVIDIA® for GPU Hardware Acceleration
NVIDIA GeForce® 8xxx, 9xxx, GT 1xx, GT 3xx, GT/GTX 2xx, GTX 4xx,
GTX 5xx Series with NVIDIA® PureVideo® HD support
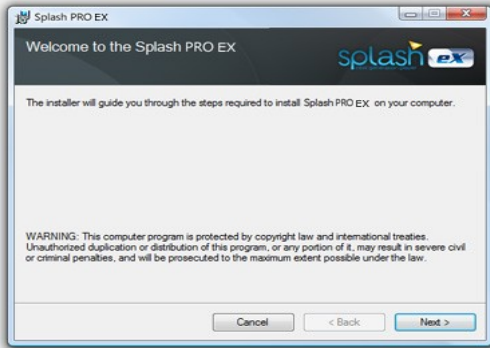
Broadcom® for GPU Hardware Acceleration
Broadcom® Crystal HD
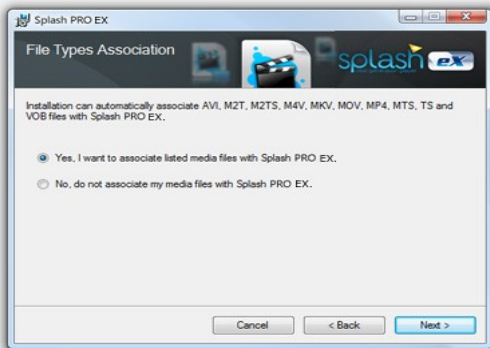
HARDWARE ACCELERATED VIDEO ENCODING
Intel® Sandy Bridge processor with Intel® Quick Sync Video support.
NVIDIA® graphics card with NVIDIA® CUDA support.

SPLASH PRO EX INSTALLATION

Splash PRO EX Installer

File Associations

Installation

Please remember to download Splash PRO EX installation file from a trusted source (eg. from Mirillis website).

Run Splash PRO EX installation file and follow the instructions on the screen. Splash PRO EX installation should take a minute or two.

After installation Splash PRO EX will be available as a 30 days trial. To continue using the application after this period a Splash PRO EX license purchase will be required.
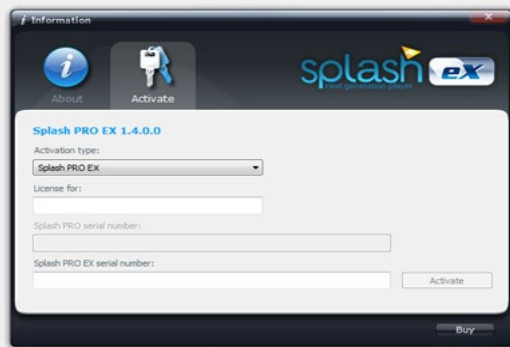
File Associations

During installation you will be asked to associate video file types with Splash PRO EX. Following file types may be associated with Splash PRO EX automatically:

AVI, M2T, M2TS, M4V, MOV, MP4, MTS, TS, VOB, M4V, MKV

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SPLASH PRO EX ACTIVATION

"About" window – trial version

"Activate" window

Serial Number

A trial version of Splash PRO EX can be activated with a product serial number. You need to purchase Splash PRO EX or Splash PRO EX UPGRADE product to get a serial number. Valid e-mail address will be required for product purchase.

Remember to keep your serial number safe!

Splash PRO EX Activation

Open "About" window from the right mouse button menu (the "About" window pop-ups automatically when you close the trial version and when your trial period has expired).

Click "Activate" button to show "Activate" window, select your activation type, enter your name and product serial number. Please make sure that you have entered the product serial number correctly. Click "Activate" button.

Please note that a valid Splash PRO serial number will be required for activation when "Splash PRO EX UPGRADE" activation type is selected.

If you have any questions or problems with Splash PRO EX activation please read Purchase/Activation FAQ on Mirillis website or contact us at support@mirillis.com

USER INTERFACE OVERVIEW

PLAYBACK OPTIONS WINDOW

TOP MENU PANEL

PLAYLIST WINDOW

SPLASH SCREEN / VIDEO AREA

PLAYBACK CONTROL PANEL

USER INTERFACE OVERVIEW

Top menu panel

Menu panel contains several buttons allowing fast access to basic actions. To show menu panel move your mouse cursor to the top of the Splash PRO EX window.

● **Open File**

Click this button to open audio and video files.

● **Open Folder**

Click this button to open folder with audio/video files.

● **Subtitles**

Click this button to open subtitles from a file.

● **Settings**

Click this button to check or change your settings.

● **Playback Options**

Click this button to show/hide playback options panel.

● **HD Camcorder**

Click this button to browse video clips on your camcorder.

● **Export**

Click this button to show/hide Export and Upload window. Export button also shows the current state of Exporting or Uploading process:

Export in progress

Upload in progress

Export or Upload completed.

About window

Use right mouse button menu to show "About" window, it shows information about current version of Splash PRO EX and is used for product activation.

Right mouse button menu

To show right mouse button menu please click right mouse button on Splash PRO EX video area.

Right mouse button menu contains several functions/actions that are also available from top menu panel and playback control panel.

CONTROL PANEL BUTTONS / ICONS

Show Information (i)
Information about current playback.

Capture Frame (c)
Captures current video frame to a file.

Audio Track
Shows alternative audio tracks list.

Subtitle Track
Shows internal subtitles list.

Video Track
Shows alternative video tracks list.

GPU
GPU is used for video decoding.

Motion^2
Motion^2 is ON.

Motion^2 / GPU
Motion^2 is ON and GPU is used for video decoding.

Playback Options (o)
Shows and hides Playback Options window

Stop (s)
Stop playback

Previous File (PgUp, Ctrl+ArrowUp)
Plays previous file in current folder/playlist.

Play (Space)
Starts/resumes playback.

Pause (Space)
Pauses playback.

Next File (PgDn, Ctrl+ArrowDn)
Plays next file in current folder/playlist.

Step Frame (f)
Shows next video frame.

Show Playlist (p)
Shows/hides Playlist window.

Warning Message
Show Warning message window.

Titles and Chapters
Show titles/chapters menu

Loop (L)
Playback loop ON/OFF

Mute (m)
Mute ON/OFF

Volume (+, -)
Splash volume control.

AUDIO & VIDEO FILES PLAYBACK
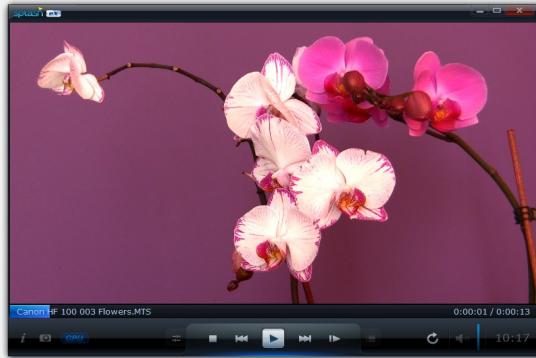
Video Playback

Smart Seek

Open Files / Open Folder

To open file(s) use „Open File" or "Open Folder" icon on the top menu panel or drag&drop files into the Splash window. Automatic playback starts after file open. Double click on splash screen or video area to set fullscreen mode ON/OFF.

Supported video file types:
AVI, M2T, MTS, M2TS, MOV, MP4, MPG, TS, M4V, VOB, DIVX, XVID, MKV

Supported audio file types:
MP3, MP2, AAC, M4A

Control Playback

To show control panel in fullscreen mode move your mouse cursor to the bottom of the screen. Control panel displays information about opened file and playback status. Play previous or next file in current folder/playlist by clicking
or with a keyboard (PgUp/PgDown). Use Left/Right arrows for seeking.

Smart Seek

Discover Smart Seek, advanced seek mode designed to find specific movie scenes without interrupting video playback.
Smart Seek enable/disable option is available in Settings/General tab.

Subtitles

Internal Subtitles

After opening a video file, there will be a subtitle icon visible on the control panel, informing that there are internal subtitle tracks available. Click subtitle icon to show subtitle tracks list. To disable internal subtitle track select "disable" form subtitle tracks list.
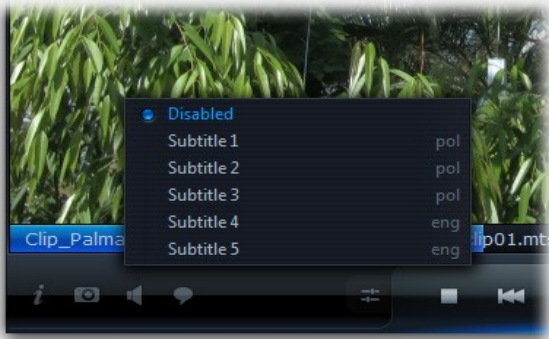
Subtitle tracks list

External Subtitles

Click „Subtitles" button on the top menu panel to open external subtitles. Use subtitle icon to disable or enable opened external subtitles. Please note, that in this version internal subtitles are not available after opening external subtitles.

TIP : Re-open video file to make internal subtitles available again.

Audio tracks

Audio track icon displayed on control panel informs that alternative audio tracks are available. Click audio track icon to show audio tracks list.

Video tracks

Video track icon displayed on control panel informs that alternative video tracks are available. Click video track icon to show video tracks list.

Capture frame

Press "c" on keyboard or an icon on control panel to capture currently displayed video frame. All frames are saved on hard disk (BMP format) in users Pictures directory.

TV MODE / FULLSCREEN BANNER
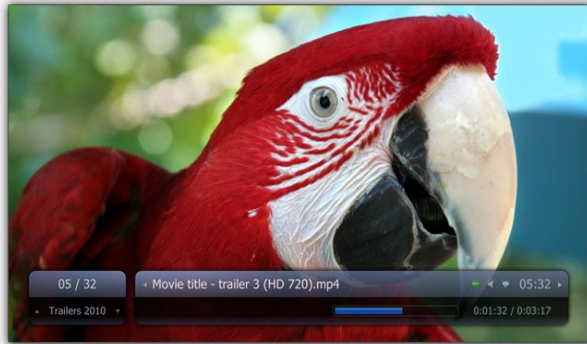
Fullscreen Banner

Fullscreen Banner playback options

Fullscreen Banner
Press INFO [i] button on your remote control or ArrowDown/BackSpace on a keyboard to show/hide the banner in fullscreen mode.

Use ArrowUp/ArrowDown buttons to browse playlists, press OK button to start playback of selected playlist.

Use ArrowLeft/ArrowRight buttons to browse files on current playlist, press OK button to start playback of selected item.

Banner icons

[icon] Alternative audio tracks are available

[icon] Subtitle tracks are available

[icon] Resume option is available

Resuming playback
Press GREEN [green button] button on your remote control to resume playback.

Banner Playback Options
You can use playback options to change Audio tracks, Subtitle tracks and Display format.

Press MENU button on remote control or "o" on a keyboard to show banner playback options. Use Arrow buttons to change options, press OK to hide a banner.

Remote control button TIPS:

[red button] RED button - next audio track

[yellow button] YELLOW button - next subtitle track

AVCHD PLAYBACK

AVCHD playback start

Automatic start

Open Splash PRO EX and insert the medium. Splash will automatically start AVCHD playback.

Manual start

You can manually start AVCHD playback:

• when medium is inserted open Splash and press "Play" button
• use "Open" option from right mouse button menu to select a medium
• or use top menu "Open folder" button to open AVCHD/BDMV folder

Playback control

Use bottom control panel buttons to play, stop and pause playback. You can also skip playback to next chapter or skip back to previous chapter.

Control panel menu

Restart

Use this option to play First Playback Title.

Menu

Use this option to start the Menu Title. *Shortcut: press "Backspace" during playback to call Menu Title.*

Resume

Use this option to resume playback of the last played Title.

Titles list

Use this list during playing or in Menu to start playback of selected title.
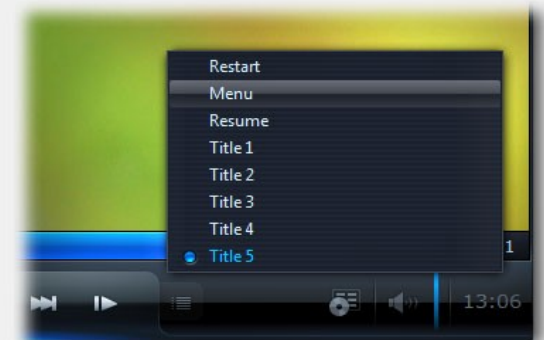
Control panel submenu

AVCHD PLAYBACK
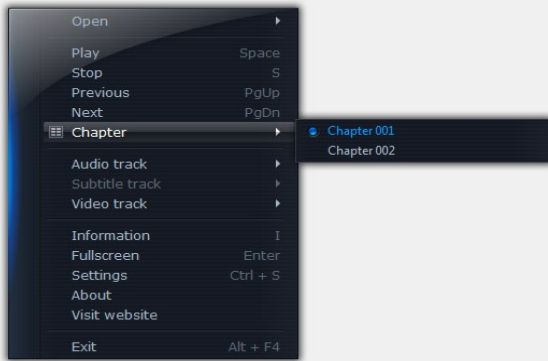
Chapter list
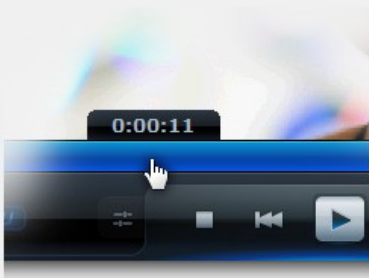
Time Search

Menu navigation

Use your keyboard / remote control arrows and enter/OK buttons for navigation.

Chapter search

Use "Chapter" list from right mouse button menu to start playback of selected chapter.

Audio tracks

Audio track [icon] icon displayed on control panel informs that alternative audio tracks are available. Click audio track icon to show audio tracks list.

Overlay bitmap/Subtitles

Click the icon [icon] (if available) to enable / disable overlay bitmap or subtitles.

Fast Forward and Rewind

Use keybord buttons [<,] [>.] for fast forward and rewind. The maximum speed is x128.

Time Search

Move mouse cursor over the progress bar to show time preview. Use left mouse button to start playback from selected position.

AVCHD CAMCORDER
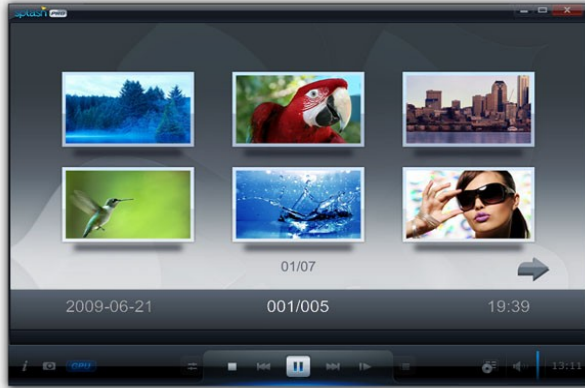
AVCHD Camcorder interactive menu
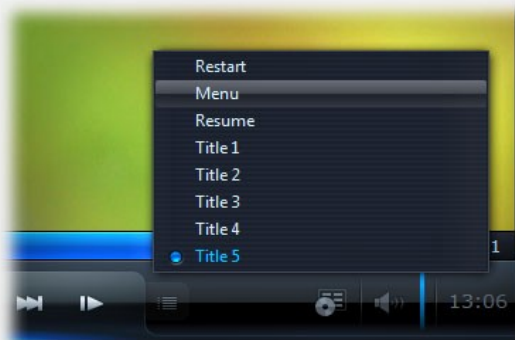
Control panel submenu

Camcorder browsing

Splash PRO automatically detects AVCHD camcorder connected to PC and provides browsing clips with interactive menu or with standard playlists.

Playlists

HD Camcorder playlist is created every time when you connect your AVCHD camcorder to PC. This playlist is deleted as soon as you disconnect camcorder from PC.

Interactive menu

Select HD Camcorder icon from top menu panel to start browsing camcorder clips with interactive menu. Start playback of selected movie title by a mouse click or press "Enter" on keyboard, press "Backspace" to return to menu title during video playback. To disable interactive menu mode press "stop" button on the control panel.

Use control panel submenu to go back to main menu or to browse available movie titles.

Switching fullscreen mode with "Enter" is disabled in HD Camcorder clips menu mode.

PLAYLISTS

Playlist window

To show/hide a playlist window click playlist icon ▦ on control panel or press „p" on keyboard. Expand the playlist window horizontally to display more information about an item.
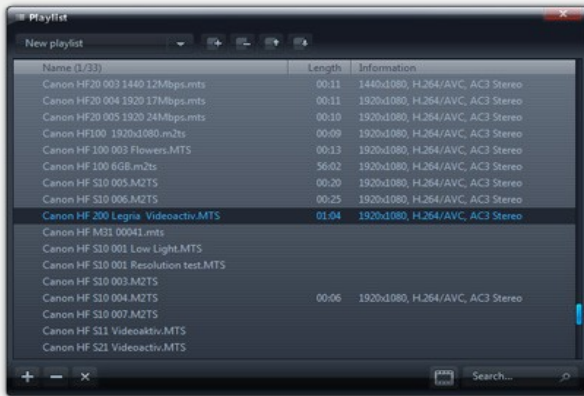
Playlist window

Managing playlists

Use icons on the top of the playslist window to manage your playlists. You can rename playlist, change playlist, create new playlist, delete current playlist and import/export.

Adding files

Use "Add files to playlist" icon from bottom playlist panel or drag&drop files onto playlist window. New files will be added at the end of the playlist.

Removing files

You can remove files from playlist by using delete icon ▭ on the list, by using icons on bottom playlist panel or by pressing DEL on the keyboard.

Search

Enter text string in the bottom playlist panel search box, search results will be displayed as selected items on the playlist. Please note that search filters only the beginning of file names.

HD Camcorder automatic playlist.

HD Camcorder playlist is created every time when you connect your camcorder to PC. This playlist is deleted as soon as you disconnect camcorder from PC.

Playback resume.

Use ▶ button to resume playback of selected file.

PLAYLISTS

Thumbnail view
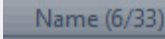
Use "Change mode" button 🎞 to switch to thumbnail view.

Use "Capture thumbnail" button 📷 to create a thumbnail with currently displayed video frame.
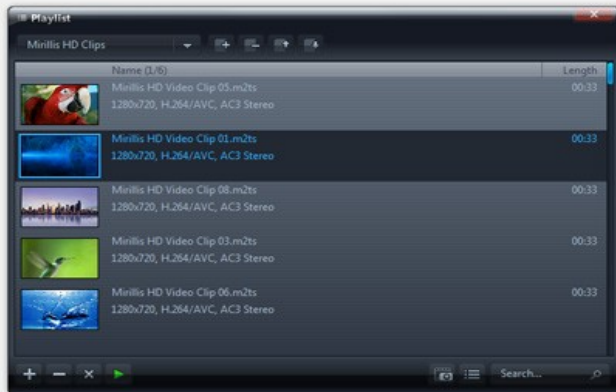
Playlist - thumbnail view

Selecting files

You can easily multi select files on the playlist with SHIFT and CTRL buttons. Playlist header Name (6/33) shows the number of selected files and total number of files in playlist.

Moving files

Click with left mouse button on selected file and hold it down, move mouse cursor to the top or bottom of playlist to move selected file or group of files. A blue pointer shows the place where files will be moved, and the number on the file icon shows how many files will be moved.

Renaming files

Select a file that you want to rename by left mouse button click. After short timeout click the file name again with left mouse button to rename it.

Sorting

Click the "Name" header to change the sorting method of the playlist. There are three sorting methods available: by Name (ascending), by Name (descending) and manual order.

TIP : *Manual order is saved and will not be lost. Click header once or twice to set manual order back.*

PLAYBACK OPTIONS
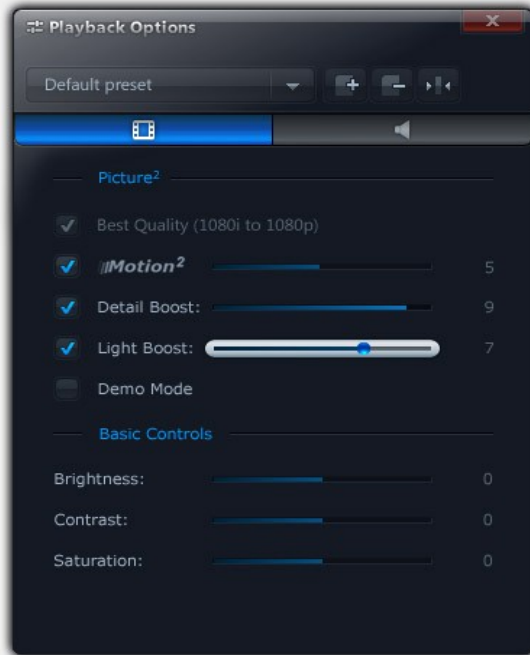
Playback Options Panel
Video Settings

Introduction

Playback Options window
To show/hide Playback Options window click playback options icon [icon] on the control panel (or top menu panel) or press the „o" key.

Managing Presets
The presets are designed to quickly and easily change the entire sets of playback options.
Use icons on the top of the Playback Options window to manage your presets. You can rename preset, change preset, create new preset, delete current preset and reset all settings to default values for current preset.

Video settings

Picture^2 - Just stunning video quality!
Advanced picture post-processing engine, delivering outstanding video quality. Features include:
• Best Quality (1080i to 1080p conversion)
• Motion^2
• Detail Boost
• Light Boost
• Demo Mode

Basic video controls
Basic video controls allow to control video brightness, contrast and saturation.
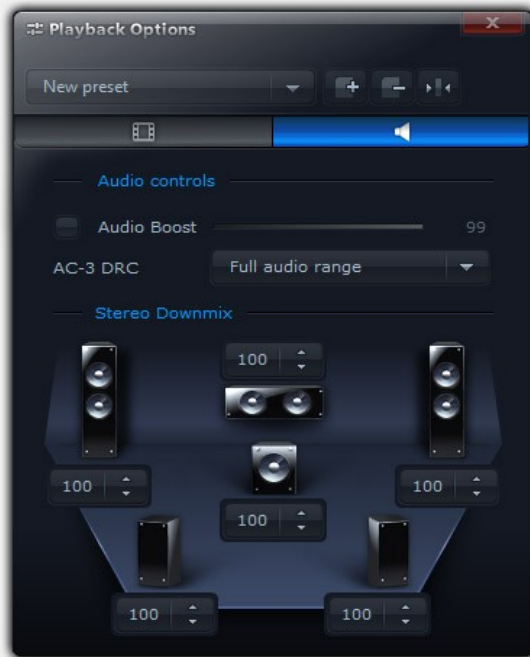
Playback Options Panel
Audio Settings

Audio settings

To show Audio playback options please select the audio tab.

Audio Boost

This option allows to boost audio volume up to 500% (please note that boosting audio volume of already loud sound can introduce unwanted distortions)

AC-3 DRC

This option controls AC-3 audio Dynamic Range Compression. Select "Compressed range" setting to boost audio volume for better experience on netbooks/laptops.

Stereo Downmix, 5.1/7.1 Settings

This group allows to control individual channel volume for stereo and multi-channel audio tracks.

•*Stereo speakers setup:*
Full control of multi-channel audio downmix. Adjust every channel volume level to match your individual needs.

• *5.1/7.1 speakers setup:*
You can easily adjust individual speakers volume level for ultimate home theater audio experience.

PICTURE^2

Advanced post-processing technologies delivering outstanding video quality

Playback Options window

To access **Picture²** options show Playback Options window by clicking icon ▦ on control panel, icon on top menu or pressing „o" on keyboard.

TIP : It is recommended to disable any graphics card picture enhancement features before using Picture².

Demo Mode

Best Quality

„Best Quality" setting lets you enjoy smooth video playback by converting 1080i video to 1080p.

TIP : Required for Motion², Detail Boost, Light Boost, Demo Mode and basic video controls! Best Quality setting cannot be changed during video playback.

Motion^2

Experience perfectly smooth video playback with Motion², state-of-the-art technology converting 24/25/30p to 60p. Set Motion² to level 1-5 to double **2x** the video framerate. Set Motion² to level 6-10 for ultra smooth 60p **60p** video playback.

Detail Boost

Advanced image post-processing algorithms provide sharp SD content output on HD display and make your HD videos look even better.

Light Boost

Intelligent lighting and color enhancement for vivid and bright playback experience. Combine Light Boost with Detail Boost and Motion² for outstanding video experience.

Demo Mode

Try Demo Mode to see the difference!

EXPORT & UPLOAD WINDOW

Export window - Export settings

Introduction

Splash PRO EX allows to export various video file formats to **MP4** file format. The exported video is coded using **H.264/AVC** video compression standard (the maximum supported output resolution is 1920x1080), exported audio is coded using **AAC** compression standard (supported outputs are Stereo or 5.1).

Export & Upload window

To show Export & Upload window click Export button on top menu panel or press „x" on the keyboard. To hide the window click Export button on top menu panel, press „x" on the keyboard or use "hide" icon in the top right corner of the Export window. Use "close" icon to close the window and stop exporting or uploading process.

Top menu Export button

Export button shows the current state of exporting or uploading process:

Export in progress

Upload in progress

Export or Upload completed.

Export / Upload

Switch Export/Upload view using tabs on the top of the window. The START button at the bottom of the window starts exporting or uploading process.

The YouTube export profile contains 2 settings pages (export and upload settings) and automatically uploads a file after export is completed. Use buttons to navigate through YouTube profile settings pages.

EXPORT SETTINGS

Export window - Export in progress

Input file

Select a file using Input file button or drag&drop a video file onto Export window area. After selecting a valid input file all export settings will become available.

Output profile

Splash PRO EX output profiles contain popular video resolutions and pre-defined profiles for popular devices providing fast and easy exporting setup.

Video quality

Available video quality settings:

- Fast
- Normal
- High

Using video quality settings you can also change the output video resolution for pre-defined profiles.

Video bitrate

Splash PRO EX default video bitrate setting provides high quality video. You can lower the video bitrate setting to create smaller files or set higher bitrate for better video quality.

Audio Track and Output

With audio settings you can select the audio track, audio output format or disable audio output.

Output size

Shows the estimated size of exported file. Green color indicates that the exported file will be smaller than the input file, red color indicates that the exported file will be larger than the input file.

EXPORTING
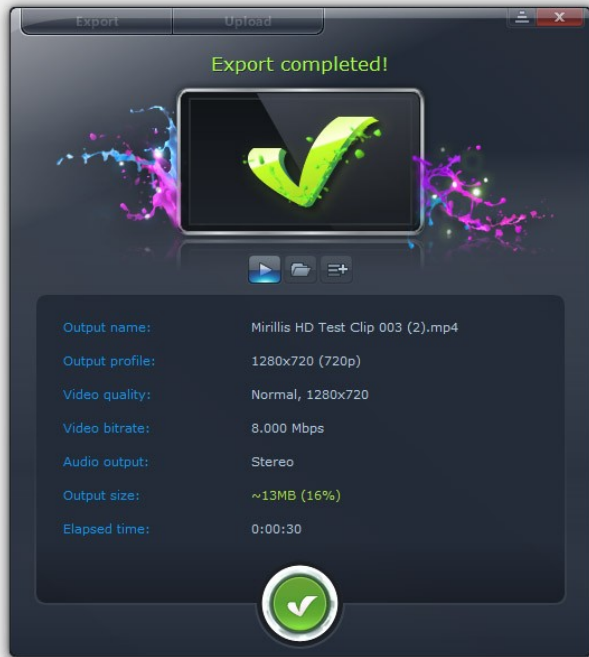
Export completed

Hardware acceleration

The following icons are displayed whenever hardware acceleration is used during exporting:

GPU Hardware accelerated video decoding

GPU Hardware accelerated video encoding

Export completed

Export completed view contains short information about exported file and several icons providing fast access to popular actions:

▶ PLAY
Starts playback of the exported file.

📁 OPEN FOLDER
Opens the folder where the exported file has been saved.

⬆ UPLOAD FILE
Opens upload view with exported file selected as an input file.

Video playback during exporting

With Splash PRO EX you can export and watch HD videos at the same time. Please note that playback of HD video during exporting process requires a fast PC. If you experience any performance problems please stop video playback during exporting process.

Please note that using hardware accelerated video decoding during exporting process will disable the possibility of video playback in main Splash PRO EX window. Video playback will be available after stopping exporting process or when exporting process will be completed.

UPLOADING TO YOUTUBE
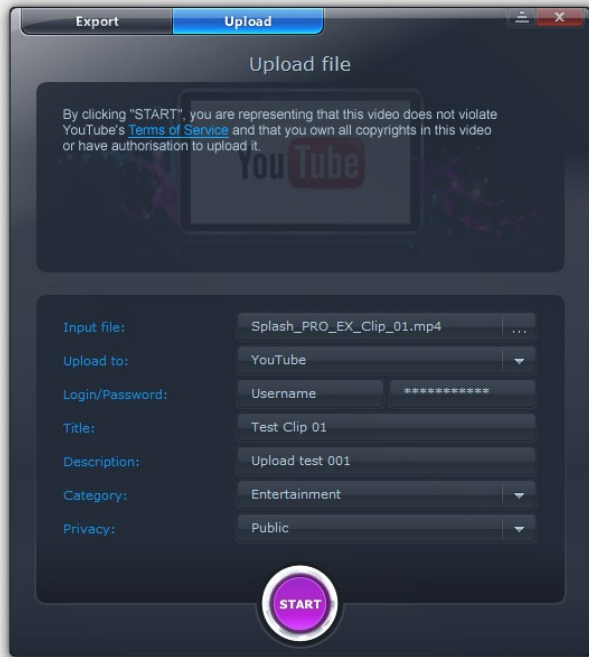
YouTube upload setup

Input file
Select a file using Input file button or drag&drop a video file onto Upload window area.

Upload to
Select YouTube service.

Login and password
Enter your login/username and password for selected service. Your login will be remembered by default. If you want to remember your password please enable the "Remember password" option in Splash PRO EX Settings (Export tab).

Privacy
• Public (anyone can search for and view - recommended)
• Unlisted - means that only people who know the link to the video can view it. The video will not appear in any of YouTube's public spaces, such as search results, your channel, or the Browse page, but the link can be shared with anyone.
• Private (only specific YouTube users can view)

Please read the Terms of Use displayed at the top of the window and press START button to upload a file to the selected service.

UPLOADING TO FACEBOOK
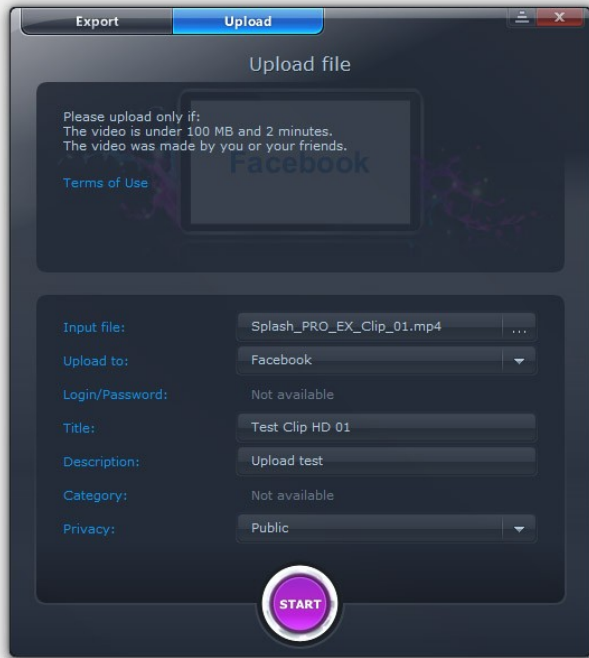
Facebook upload setup

Input file
Select a file using Input file button or drag&drop a video file onto Upload window area.

Upload to
Select Facebook service.

Privacy controls:
• Public (Everyone)
• Private
• Friends Only
• Friends of Friends

Please read the Terms of Use displayed at the top of the window and press START button to login to Facebook and upload a file.

Facebook Login
Facebook Login window appears after pressing START button. Login to your Facebook account to start the uploading process.

Login is required only once per each Splash PRO EX startup.

You may be asked for SplashUploader authorization when using Splash PRO EX for the first time.

GENERAL SETTINGS

General settings window

Smart Seek

LANGUAGE
After installation Splash PRO EX automatically sets application language basing on your operating system language. You can change user interface language if required.

CHECK FOR UPDATES
This option enables automatic updates. Product update availability is checked on application start and application will ask you to install the update when it is available.

JUMP INTERVAL
Jump interval for seeking with arrow keys. *TIP : hold SHIFT button to double the interval.*

SMART SEEK
Discover Smart Seek, advanced seek mode designed to find a specific movie scene without interrupting video playback.

Smart Seek is not available when video playback is started from optical discs.

CAPTURE FRAME
This option lets you change destination folder for frame capture.

AUTO-RESUME PLAYBACK
This option enables/disables automatic resuming of video playback from a previously stored resume point. The resume point is created whenever the video playback is stopped beyond the first 3 minutes from the start of the video.

VIDEO SETTINGS

Video settings window

HARDWARE ACCELERATION

Hardware acceleration setting changes will take effect after stop & play or jump/seek for video files.

DEINTERLACING

You can use this settings to disable deinterlacing when required.
Auto setting selects the best available deinterlacing algorithm when needed.

MOTION²

Enable Motion² Ultra 1080p option for the ultimate video quality. This feature is designed for processors with 4 (or more) cores.

Automatic interlace detection

Enable this option to automatically switch Motion² off for interlaced video playback.

Please note that some progressive videos may be encoded as interlaced. Disable this option to enable Motion² for this kind of videos.

FULLSCREEN DISPLAY SETTINGS

Screen Format

"Screen Format" describes aspect ratio of your display devices (monitors, TV sets, etc.).

Display format

Specifies how different video formats (4:3, 16:9 and Cinematic video) are displayed on selected "Screen Format" in fullscreen mode.

"Cinematic video" includes 1.85:1, 2:35:1, 2.40:1 etc.

VIDEO OUTPUT

Setting „Force Video Overlay" on may fix some problems with older graphics card models. It may also resolve performance issues on some graphics card models when using Hardware Acceleration combined with Motion².

Setting change will take effect with next application start.

AUDIO SETTINGS

Audio settings window

OUTPUT MODE

Output modes available:
 Stereo
 Stereo with surround effect
 5.1 Channel
 7.1 Channel
 SPDIF / HDMI Bitstream

AUDIO BITSTREAMING

S/PDIF or HDMI output is required for audio bitstreaming.

HDMI 1.3 compatible output and Windows 7 is required for HD audio bitstreaming.

LIPSYNC ADJUSTEMENT

You can use this option to adjust audio video synchronisation if required.

SUBTITLES SETTINGS

Subtitles settings window

FONT PROPERTIES

You can change subtitles font properties:

- Font type
- Font size
- Font color

ENCODING

In this version only system default encoding is available.

AUTOMATICALLY LOAD SUBTITLES FROM FILE

Application will automatically open subtitles when internal subtitles are available (excluding PGS) or external subtiles are available in video file folder and external subtitles file name is similar to video file name.

DISPLAY SUBTITLES ON VIDEO

Enable this option to display subtitles on video area. Disable this option to display subtitles on area outside video (if possible).

You can adjust subtitles position manually using Right SHIFT + Arrow Up/Arrow Down.

SYNCHRONISATION ADJUSTMENT

You can use this option to synchronise subtitle track with video track if required.

ECOMODE SETTINGS

EcoMode settings window

ADVANCED POWER MANAGEMENT

Advanced Power Management is designed for mobile devices to minimize batteries power consumption. Save energy, save your money and enjoy longer video playback on batteries.

Advanced Power Management works during the video playback.

You can control your display brightness level if required. Remember that higher display brightness level means higher power consumption.

TIP: Use hardware acceleration for video decoding when available to significantly reduce power consumption.

BATTERIES INFO

With batteries info you can check:
• Power Source
• Battery life
• Expected battery life time
• Current battery power consumption or battery charging power
• Battery vendor
• Battery type
• Battery wear level

EXPORT SETTINGS

Export settings window

HARDWARE ACCELERATION

Use hardware acceleration for video decoding and encoding to speed up exporting process and lower CPU consumption.

Please note that using hardware accelerated video decoding during exporting process will disable possibility of video playback in main Splash PRO EX window. Video playback will be available after exporting process is completed or stopped.

TIP: Disabling Windows Aero during exporting may increse your graphics card performance and speed up exporting process.

DEINTERLACING

You can use this settings to disable deinterlacing during exporting process (interlaced video to progressive video transcoding).
Auto setting selects the best available deinterlacing algorithm when needed.

UPLOAD SETTINGS

Selecting "Remember password" option will securely store (in encrypted form) your YouTube account password in Splash PRO EX configuration files.

EXPORT OUTPUT FOLDER

This option lets you change the destination folder for exported files.

KEYBOARD SHORTCUTS

FILES PLAYBACK CONTROL

Play/Pause	Space
Stop	S
Open Next File	PageDown, Ctrl+ArrowDown
Open Previous File	PageUp, Ctrl+ArrowUp
Frame by frame	F
Jump Forward	ArrowRight
Jump Backward	ArrowLeft
Jump Forward (x2)	Shift + ArrowRight
Jump Backward (x2)	Shift + ArrowLeft
Loop On/Off	L
Resume playback	Ctrl+Space

VOLUME CONTROL

Volume Up	+
Volume Down	-
Mute On/Off	M

AVCHD / HD CAMCORDER MODE

Return to menu	Backspace Back (MCE remote control)
Rewind	,
Fast Forward	.

OTHER CONTROLS

Enter Full-screen	Enter
Exit Full-screen	Enter, Esc
Default Window Size	0
50%,100%, 200% Video Size	~,1,2
Open/Close Info Panel	I
Open Settings Window	Ctrl+S
Open File	Ctrl+O
Open Folder	Ctrl+F
Load Subtitles	Ctrl+L
Open/Close Playlist	P
Open/Close Playback Options	o
Show/Hide Export window	X
Capture Screen	C
Capture thumbnail	SHIFT+C
Exit	Alt+F4, Shift+X

AUDIO TRACK & SUBTITLES

Next audio track	A
Next subtitle track	Z
Move subtitles up	Right Shift + ArrowUp
Move subtitles down	Right Shift + ArrowDown

REMOTE CONTROL, BANNER, COMMAND LINE

BANNER KEYBOARD SHORCUTS

Show banner in fullscreen mode	ArrowDown
Hide banner	Backspace
Browse playlists	ArrowDown/ArrowUp
Browse files on current playlist	ArrowLeft/ArrowRight
Show banner playback options	o
Resume playback	Ctrl+Space
Next audio track	A
Next subtitle track	Z

REMOTE CONTROL BUTTONS

Show banner in fullscreen mode	INFO (i)
Hide banner	INFO (i) / BACK
Browse playlists	ArrowDown/ArrowUp
Browse files on current playlist	ArrowLeft/ArrowRight
Show banner playback options	MENU
Resume playback	GREEN
Next audio track	RED
Next subtitle track	YELLOW

COMMAND LINE OPTIONS

SplashPRO.exe [filename]

Starts SplashPRO application and playback of [filename].

OPERATING SYSTEMS RESTRICTIONS

Operating systems and hardware configurations restrictions.

Windows® XP

CAPTURE FRAME

• Not available with Motion^2 enabled. (*TIP: disable Motion^2*)

• Not available on Windows® XP with hardware acceleration enabled. (*TIP: disable hardware acceleration*)

DETAIL BOOST, LIGHT BOOST

• Not available on Windows® XP with Motion^2 disabled and hardware acceleration enabled. (*TIP: enable Motion^2 or disable hardware acceleration*)

HARDWARE ACCELERATION

• H.264 and VC-1 hardware acceleration for video decoding is not available on Windows® XP for Intel® graphics cards.

PICTURE^2 - BEST QUALITY

• Best Quality setting cannot be changed during video playback. Stop playback to change Best Quality setting.

Windows Vista®, Windows 7

CAPTURE FRAME

• Not available with Motion^2 enabled. (*TIP: disable Motion^2*)

PICTURE^2 - BEST QUALITY

• Best Quality setting cannot be changed during video playback. Stop playback to change Best Quality setting.

HD AUDIO BITSTREAMING

• HDMI 1.3 compatible output and Windows 7 is required for HD audio bitstreaming.

TROUBLESHOOTING

Motion^2

PERFORMANCE

If you experience any performance problems with Motion^2 and hardware acceleration enabled, please try to use "Force Video Overlay" option (Settings/Video).

MULTIDISPLAY PERFORMANCE

If you experience any performance problems with Motion^2 and hardware acceleration enabled on multidisplay setup please try one of the following solutions:
• use "Force Video Overlay" option (Settings/Video tab),
• disable hardware acceleration,
• disable/disconnect one display device.

General

GRAPHICS CARD DRIVERS

Video hardware vendors regularly update drivers. If you experience any problems during video playback please update to the latest drivers.

PERFORMANCE

For the best performance it is recommended to stop video playback during exporting process.

Display

If you experience not smooth video playback please make sure that your display device refresh rate is set to 59 or 60Hz.

TECHNICAL AND CUSTOMER SUPPORT

Purchase/Activation FAQ

If you have any questions or problems with Splash PRO EX purchase or activation, please read product purchase and activation FAQ or contact us if you do not find an answer for your problem/question.

Pruchase/ Activation FAQ page:

http://www.mirillis.com/en/support/purchase_faq.html

Technical Support

If you have any questions or problems with Splash PRO EX please read Splash PRO EX FAQ or contact us if you do not find an answer for your problem/question.

Splash PRO EX FAQ page:

http://www.mirillis.com/en/products/splashexport_faq.html

Mirillis Forum

Join Mirillis community and discuss about Splash and other Mirillis products. If you have a problem or questions not answered on FAQ pages you may find an answer on the forum. Feel free to share with us your experience, ideas and suggestions.

Mirillis Forum:

http://www.mirillis.com/forum/

Contact

http://www.mirillis.com/en/company/contact.html