

# Ulead® MediaStudio® Pro 8

# Video Editing for Creative Professionals

Ulead MediaStudio Pro 8 is powerful, versatile and intuitive video editing software for professionals and enthusiasts. Create dynamic HDV, DV or MPEG video content for independent productions, events, business and education. Integrated, quick-to-master tools, including Smart Compositor and Smart Proxy, take you to the forefront of professional real-time video editing.



# **Features and Benefits**

#### The MediaStudio Pro Difference

## **Smart Compositor**

- The Smart Compositor offers you a powerful tool to create professional-quality opening sequences or segues with pre-made masks, frames and moving paths. This is the fast and easy way: select a suitable theme, drop in your own video or images, modify the text, perhaps change the background music, and save. Then export sequences as either virtual clips, or nested timelines which can be opened and further tweaked as required by your production. All the speed without the "cookie cutter" effect of templates!
- Even if MediaStudio Pro is not your primary NLE, Smart
  Compositor can come to the rescue for those quickturnaround jobs that still have to look really high-end.
  Compose your sequence, then simply render it as a video
  clip for use in your main NLE.

#### **Smart Proxy**

- Edit HDV in real-time, even on mid-range or mobile notebook machines!
- With Smart Proxy selected, lower-resolution, easy-on-theresources proxies are automatically created in the background for files above a preset frame size.
- These proxies can then be edited in true real-time, with low demands on system resources.
- This process is completely lossless, your final output always links back to the original full-resolution files. This is the perfect solution for documentary producers who have embraced HDV and who want to edit on the go.
- Smart Package mode is great for collaborative editing and archiving. Package and share proxies, edit, then combine as multiple timelines referring back to original footage.

# **Complete Features**

#### **Advanced Video Capture**

- Capture or import native HDV, DV, 24p, D8 or analog video - from camcorder, VCR, or TV.
- MPEG-Direct converts DV or analog video to MPEG-1 or MPEG-2 on the fly during capture, saving time and disk space.
- **DV Album** prescans an entire DV tape at faster than real-time to create a batch log with thumbnails and timecode.
- Save and print your Albums for future reference, or set up DV batch capturing.

#### **Extensive HDV Support**

- Batch capture HDV video from all the latest HDV camcorders and decks, with device control.
- **Edit HDV** either in full-resolution lossless native format, or in speedy, easy-on-the-resources Smart Proxy mode.
- Freely convert between HDV Program Stream and Transport Stream (.m2t or .mpg), to view HDV on your PC, or write back to HDV Camcorder or deck.
- Convert HDV to WMV-HD, or downconvert to any other SD format of your choice, such as DV, WMV, Quicktime, or MPEG-2 for DVD authoring.

# **Updated and Enhanced User Interface**

 Spend less time learning, more time creating with the completely revamped intuitive user interface, with many

- new tools and features such as expandable/collapsible video tracks, auto transitions on overlaps, and overlay options for clips on every track.
- Single Track editing means you can now place transitions on ANY track.
- Multiple Timelines give you the flexibility of working on different parts of a project separately. Create a Main Timeline but also work and edit on other timelines, combining them for final output. Perfect for long projects or collaborative editing.
- Virtual Clips allows you to wrap a group of edited tracks in a timeline window into a Virtual Clip, and easily insert into your main project's timeline.
- New Effects Manager offers large buttons and expandable view to put keyframes exactly where you want. Control all aspects of audio/video filters and transitions, as well as video distortion and moving paths.
- Custom workspace gives you resizable, dockable panels
  to arrange tools where they will be most convenient. Save
  your favorite workspaces with the Layout Manager and
  instantly toggle between them with hot keys.
- Summary Timeline selectively expands elements on the timeline to a common scale, so you can identify even small clips and transitions at a glance.
- Enhanced display engine ensures smooth zooming and scrolling and scrubbing of clips and timeline.

#### **Video Editor**

- Project Tray asset management lets you create projectbased folders to display metadata and organize all clips, images, and resources linked to your project.
- Enhanced Chromakey tools greatly improve keying in backgrounds, with clean edges on foreground subjects.
- Smart Check & Convert automatically checks files against project settings with conversion prompts when settings are changed.
- Auto-save functions have been enhanced to automatically save incremental backups at preset time periods. No more hours of lost work due to corrupted project files!
- All-new Title Tool offers unlimited creativity with dramatic text effects and animations. Resize and reposition text anywhere in the frame, easily create text crawls and rolls, and add a variety of professional effects.
- Adjust motion paths, overlay size and distortion directly on the full-size preview monitor.
- Over 1000 Customizable Effects, Filters, Transitions, and Title Styles - Drag and drop from the Library onto any selected clip, and customize with keyframe accuracy to get the exact look you want.
  - Organic, modifiable Mask Transitions
  - Unique **Particle Filters** like **Clouds, Snow** or **Rain** can be customized for maximum creative effect.
  - Auto-slideshows with pan & zoom for automatic, modifiable Ken Burns effect. Even apply to **video clips** to reframe your shot.
  - All new Strobe Motion Filter, Flashback transition,
     Duotone filter and Ghost Motion Filter create exactly the effect you want.

# **Audio Mixing Panel**

- Create Dolby® Digital 5.1 Surround audio tracks with channel steering.
- Surround Sound Simulation creates simulated surround effect for 2-channel audio.
- SmartSound® Integration allows you to create and insert custom royalty-free soundtracks, precisely matching the duration of the video - easy and fast.
- Realtime Audio Mixing with VU meters lets you adjust individual track levels and do stereo panning in real-time.
- Cross format Drag and drop files between Audio Editor and Video Editor, using either WAV or MP3 formats.
- Time Stretch in the timeline lets you adjust the duration of your audio clips without changing the pitch.
- Enhanced Audio Filters gives you innovative ways in editing sound for your projects.
- Vocal removal Remove human voice from audio clips for Karaoke effect.

#### **Full Integration**

- PhotoImpact UFO files van be directly inserted in the timeline, maintaining all objects and alpha channel.
- COOL 3D Production Studio projects can be directly imported to the timeline, without having to render them first
- VideoStudio Integration allows you to step up into professional video. Smooth upgrade path lets you directly import your existing projects from VideoStudio, which shares many workflow elements and dialog-box layouts with MediaStudio Pro to make the transition easier.

#### **Real-time Performance**

- Real-time Editing Architecture makes the most efficient use of your high-end CPU's resources - preview up to 5 streams of video, transitions, effects filters and titles in realtime
- Multi-threaded rendering allows users to see improved performance from 64-bit and Hyper-Threading CPUs.
- Flexible instant playback lets you choose the response time for real-time playback. Even in non-Proxy Mode, you get real-time results for over 150 drag and drop filters and 3D transition effects.
- MPEG-Direct<sup>™</sup> Capture lets you capture directly to MPEG-1 or DVD-ready MPEG-2 in real-time, saving disk space and time.
- Real-time audio preview lets you immediately preview an audio clip on the timeline while adjusting parameters, including Dolby Digital 5.1 steering.
- Real-time Output Output direct from the timeline to DV or analog AV (TV/VCR) or external monitor, in real-time.

#### **DVD** Authoring

- Built-in authoring tool to create single- or double-layer DVDs
- Use ready-to-go menu templates, attractive backgrounds, and audio clips to build your menus.
- Build more distinctive motion menus by adding video, audio or images of your choice, and adjust layout, captions and titles.
- MPEG-2 Variable Bit-Rate (VBR) and two-pass encoding ensures smaller overall file size and superb picture quality even on fast-moving subjects.

#### **NEW Color Correction Tools**

- Use the color wheels or adjust Levels, HSL or Curves for an entire image, or select channels such as midtones, highlights or shadows.
- Perform secondary-color correction on selected, defined areas of the moving image, with control over Similarity, Feathering and Size of selection.
- Unique Enhance Lighting Filter lets you add "fill light" to an image with a dark foreground, without burning out the highlights.

# **Advanced File Format Support**

- Mix and match HDV, DV and MPEG files on the timeline, and output to a common format.
- Import and output your projects in the widest and most current range of popular formats - DivX\*, WMV 9, MPEG-4\*, HDV, and WMV-HD among others.
- Work with files in 16:9 Widescreen, RealMedia or FLASH formats.
- MPEG.Now™ Ulead's proprietary codec offers superior encoding in both MPEG-1 and MPEG-2.
- Create, Edit and Insert Dolby® Digital 5.1 Surround Sound or Dolby® Digital Stereo audio in your projects for professional audio results.

\*Plug-in required

#### **System Requirements**

Intel® Pentium® III 800 MHz processor (Pentium 4 2.8 GHz recommended) Microsoft® Windows® 2000, XP

256 MB of RAM (1GB or more recommended)

800 MB of available hard disk space for program installation

4 GB+ hard drive space for video capture and editing

Windows-compatible display adapter with at least 1024x768 resolution (1280x1024 recommended)

Windows-compatible sound card (multi-channel sound card for surround sound support recommended)

Windows-compatible CD-ROM for installation

## Real-time features perform best with at least:

Pentium & 4 3.0 GHz CPU, 1 GB RAM, 7200 RPM IDE hard drive Non-Proxy HDV editing requires:

Intel® Pentium® 4 3.0 GHz or higher with Hyper-Threading technology Microsoft® Windows® XP (Service Pack2 for HDV camcorder support recommended)

1GB of RAM (2GB or more recommended) 7200 RPM IDE hard disk or above 16X PCI Express<sup>TM</sup> display adapter

#### **Input/Output Device Support**

- 1394 FireWire cards for use with DV/D8/HDV camcorders
- Support for OHCI Compliant IEEE-1394 and 1394 Adaptec 8940/ 8945
- USB capture devices and PC cameras
- Windows-compatible CD recorder (CD-R/-RW) required for CD creation
- Windows-compatible DVD recorder (DVD-R/RW, DVD+R/RW) required for DVD creation
- Analog capture cards for analog devices (VFW & WDM support)

#### **Compatible with HDV Camcorders:**

JVC JY-HD10

JVC GR-HD1

IVC GR-PD1

Sony HDR-FX1 Camcorder

Sony HDR-Z1 Camcorder

Sony HVR-M10 VTR

Sony HCR-HC1

Ulead endeavors to stay up to date with camcorder support, so check the website for updates.

#### **Input File Format Support**

- Video: 3GPP\*, 3GPP2\*, AVI, MPEG-1, MPEG-2, MPEG-4\*, QuickTime, Real Media, VideoStudio 8/9 Project File; Windows Media Format
- Audio: Dolby Digital Stereo, Dolby Digital 5.1, AIF, AIFC, AIFF, AU, AVI, MOV, MP3, MPEG-1, MPEG-2, QT, WAV
- Compression: DV, M-JPEG, Indeo, Cinepak, RLE QuickTime, Real Media, WAV, Windows Media Format
- Animation: C3D, GIF89a, FLC, FLI, FLX, SWF, UCG, UIS, UVP
- Images: BMP, CLP, CUR, EPS, FAX, FPX, GIF87a, ICO, IFF, IMG, JP2, JPC/ J2K, JPG/JPEG/JPE, PCD, PCT, PCX, PIC, PNG, PSD, PXR, RAS, SCT, SHG, TGA, TIF/TIFF, UFO, WMF
- Disc: DVD, Video CD (VCD), Super Video CD (SVCD)

#### **Output File Format Support**

- Video: 3GPP\*, 3GPP2\*, AVI, MPEG-1, MPEG-2, MPEG-4\*, QuickTime, Windows Media Format
- Audio: AAC\*, Dolby Digital Stereo, Dolby Digital 5.1, MPA, WAV, Windows Media Format
- · Compression: DV, M-JPEG, Indeo, Cinepak, RLE
- · Animation: FLC, FLI, FLX, UIS
- Images: BMP, CLP, EPS, FPX, ICO, IFF, JP2, JPC/J2K, JPG/JPEG/JPE, PCX, PNG, PSD, PXR, RAS, SCT, TGA, TIF/TIFF, WMF
- Disc: DVD, Video CD (VCD), Super Video CD (SVCD) movie title
- Media: CD-R/RW, DVD-R/RW, DVD+R/RW, DVD-R Dual Layer, DVD+R Double Layer, DVD-RAM (CPRM)

<sup>\*</sup> Plug-in required