

Toon Boom STUDIO

PROVEN MULTI-TECHNIQUE ANIMATION SOFTWARE

Experience the Infinite Possibilities of Animation

- Create remarkable Stop-motion animation
 - Programmable time-lapse imagery
 - Chroma Key screens
- Enhanced User Interface
- Easy export directly to YouTube or Facebook
- Annotation Layers

User Profiles

- Ideal for Students
- Perfect for teachers and educational institutions
- A must for creative hobbyists

Key Benefits

- Easy-to-learn and use with new visually enhanced user guide
- Develop your talents using the various techniques included
- Add creative animation to home videos and school projects

Education

- Annotation layers for effortless feedback
- Multi-discipline project based curriculum stimulates learning and motivates students

Toon Boom STUDIO



PROVEN MULTI-TECHNIQUE ANIMATION SOFTWARE

Toon Boom Studio 5 is ideal for students and hobbyists looking for an easy-to-use, multi-technique animation software.

- Discover all these animation techniques: stop-motion, traditional digital animation, traditional paper animation, cut-out and rotoscoping
- Draw digitally, scan in hand-drawn animations, capture live images or import existing artwork... then enhance images using the various paint and camera tools
- Add audio tracks and lip-sync your animation
- Publish your animation projects for print, TV, HDTV, the Web, Facebook, YouTube and iPod!

Covering the entire animation workflow from sketching to final publishing, Toon Boom Studio is the ideal tool to learn and create animation.

System Requirements

Apple Systems (MAC)

- o G5 or Intel® processor
- o Mac OS 10.4, 10.5 and 10.6
- o 512 MB RAM (1 GB recommended)
- o Monitor supporting 1280x1024 resolution
- o Internet connection for activation

Microsoft Windows (PC)

- o 2 GHz Intel® / AMD® processor (3 GHz recommended)
- o Microsoft Windows 7, Vista or XP Tablet PC (certified for 32 bits)
- o 512 MB RAM (1 GB recommended)
- o Video card supporting Direct3D or OpenGL with 128 MB of RAM
- o Monitor supporting 1280x1024 resolution
- o Internet Connection for activation
- o Free QuickTime® Player
- o Free Adobe® Reader 9 (or later)

Recommended Additional Equipment

- o Wacom Tablet - Digital pen and drawing tablet
- o Digital camera, Digital video recorder or Web-cam supporting QuickTime or Apple ICA (for MAC) or DirectShow (for WIN) – Required for Stop Motion
- o Scanner with TWAIN support - To scan and vectorize paper drawings
- o Solid colour background - Required for Chroma Key Feature

DETAILED FEATURES Features listed in orange are now available in version 5

Content Creation

- **Stop-motion animation:**
 - **Time-lapse Imagery**
 - **Live View Image Capture**
 - **Chroma Key Screens (Green/Blue Screen)**
 - **Onion Skinning in Stop-motion preview window**
 - **Rotoscoping ability in Stop-motion preview window**
- Supports live-action cartooning
- Supports rotoscoping
- Feather edges
- Line styles
- Photograph animation
- Alpha onion skinning
- Pressure sensitivity for variable width lines
- Digital light table
- Contour editor tool
- Free transform tool
- Skew tool
- Sketching and cleaning tools
- Convert lines to brush
- Select scene operator
- Drop shadows
- Different pen settings for pen and eraser
- Scissors tool
- Text tool
- Cutter tool
- Standard drawing and shape tools
- Onion skinning
- Outline onion skinning
- Rotary light table
- Standard field chart for cartoon animation
- Bitmap vectorization
- Scanner support
- Drawing in 3D sceneplanning
- Erasing with graphic tablet and digital pen
- OpenGL anti-aliasing

Import Files

- Import QuickTime videos with sound
- Support for Photoshop layers
- Support for Illustrator layers
- Import and vectorize with textures
- Import and vectorize preview
- Import Flip Boom and Animation-ish projects
- Animation: Adobe Flash SWF
- Vector: AI (Adobe Illustrator), PDF
- Bitmap: BMP, TGA, GIF, JPEG, PICT, SGI, PSD...
- Sound: WAV, AIFF, MP3

Palettes and Colour

- Unlimited colour palettes
- Unlimited number of colours per palette
- Ability to name and organize colour swatches
- Import and export palettes
- Automatic update of painted zones with palette changes
- Colour transform tool (Flatten option)
- Palette styles
- Templates colour management
- Copy paste texture and gradients mapping
- Global palette tinting
- Auto gap closing tools
- Painting with bitmap textures

General User Interface

- **Colourful sleek icons**
- **Annotation Layers**
- Easy drag and drop capability
- **Improved Bitmap Optimization during Playback**
- Accessible export window
- Clear dialog windows
- Flexible docking user interface

- Powerful workspace management
- Fast actions combo box
- Welcome screen wizard
- Explicit timeline
- Unified user interface
- Velocity Editor button in properties window
- Guide for straight actions
- Project dialog window with presets
- Tablet user friendly buttons
- Undo/redo buttons
- Minimize application when rendering
- File import menu option
- Double-click actions
- Real-time playback
- Animation-standard exposure sheet, with support for cycle creation
- Multi-layered timeline
- Multiple undo's

3D Layout and Camera

- 3D layout and motion paths for animation elements
- Animated elements
- Animation peg system
- Advanced motion paths
- Multiplane camera moves and effects
- 3D velocity profiles
- Colour transformation and clipping effects
- Copy frame properties to any key frame
- Clear visualization and manipulation of key frames from the timeline

Lip-sync

- Automatic lip chart generation from voice tracks
- Automatic mapping of lip charts to drawings

Reuse

- Save individual project elements, videos and animations in the library
- Global and local templates for reuse in any animation
- Cell-swapping
- Support for all major multimedia files as templates
- Template preview and editing
- Export movie clips as media links for smaller file size

Sound Synchronization

- Support for multiple soundtracks
- Fade envelopes
- Precision synchronization of sound to frame and time
- Master volume control
- Sound streaming
- Sound scrubbing from the timeline

Publishing

- **Easy upload directly to YouTube & Facebook**
- Print drawings to create flipbooks or use as a reference
- Export directly to iTunes and YouTube
- Export snapshot
- Flash pre-loaders
- Adobe Flash SWF
- QuickTime with alpha, sound
- PDF
- Color palette export in Flash files
- DV Stream
- AVI
- Image sequences

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Specifications are subject to change. For the most up-to-date information on Toon Boom products, please contact: sales@toonboom.com
Toon Boom Animation Inc. is the worldwide leader of animation software solutions. Winner of the 2005 Primetime Emmy® Engineering Award,
Toon Boom Animation is committed to delivering quality, efficiency and reliability to the animation community - for all animation styles, formats and users.

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