



Features Model



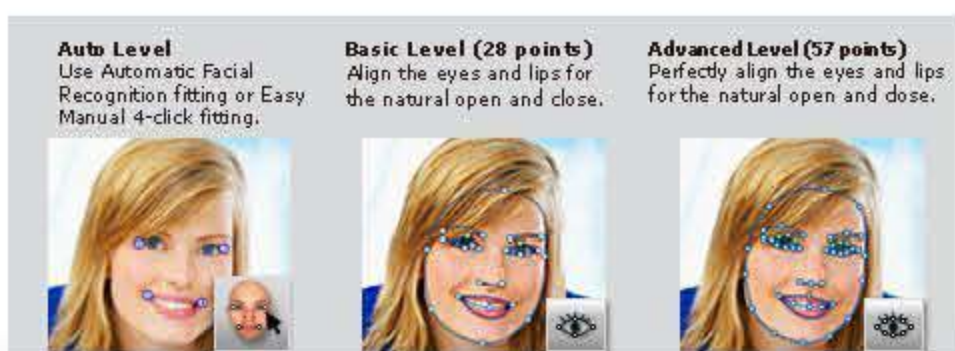
Multi-Character Setup from Any Image

- **New!** Multi-Character setup is easy within fitting wizard to identify up to 4 actors in any image. Select and deselect tool to add or delete character freely.
- **New!** 2 major masks for face & full body fitting; Face mask for facial animation; body mask for full character transformation.



Auto Face Fitting Technology

- The full featured image editor helps you rotate, crop image, do color correction, and then leads you to the face fitting procedure - all in the same environment.
- CrazyTalk automatically fits the facial wireframe to your image. You can also use 4 simple clicks to identify the corners of the eyes and the mouth. Once finished, you will gain complete control to fine-tune the fitting points.
- **New!** Direct image import from Webcam for faster face fitting.



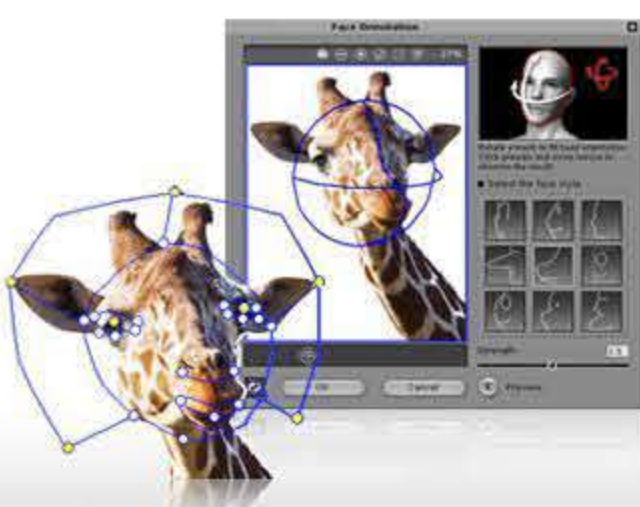
9 Face Profiles for a Variety of Characters



- Enhanced facial mesh for variety of face types to better fit different character facial contour, especially non-human characters.
- CrazyTalk Face Profile Styles allow you to animate a variety of characters, including human, animal, and cartoon-like faces with realistic performance behavior.

NEW ! Face Orientation & Enhanced Hair Mesh

- Increased facial angle can prevent photo distortion during facial rotation.
- **New!** Face orientation function allows you to edit front / side ($\leq 45^\circ$) images.
- **New!** With the advanced hair mesh layer, you can have more accurate and natural animation (which can handle the characters with long hairs, horns, & ears better).



Custom Facial Features

- Advanced Facial Settings allow you to fine-tune the color, position, scale of eyes, teeth, mouth and lips.
- Custom eyes and teeth to perfectly match your character personality by importing any custom image for the eye and teeth texture.



NEW ! Vivid Eye Technology



- **New!** Facial cosmetic function helps you add flavor to your own character with customizable vivid eye technology.
- **New!** Create intelligent and bright eyes with EyeOptics feature.
- **New!** Set different styles or moods for your characters with EyeMagic feature.

Masking for Custom Image Background Realistic 3D Head Movement

- CrazyTalk's masking tools can instantly remove the original background by using key color picking and tolerance setting. Replace the background with any new color or image. Your talking character can be transformed from a dull scene to an exciting beach vacation or appear in a sea of flowers.





Features Output



Popular Image & Video Format Output

- Video export with various supported types, including MPEG-4, NTSC, PAL.
- **PRO!** Video output for HD (High Definition) quality.
- Mobile supported export format: 3GP and MP4.
- Turn your timeline output into frame-by-frame image sequences in alpha-channel ready Targa or Bitmap format or extract the audio layer from any CrazyTalk project.



NEW ! Export for Web - iWidget & iContent



- **New!** Export iWidget (background-transparent web avatar) and directly publish into any blog or website.
- **New!** Create iContent (live interactive avatar) for Web2.0 application.
- Generate virtual talking actors for web pages.
- Add fun or informative actors to social networks.

NEW ! YouTube Direct Publish

- **New!** Easy to instantly share your creation on YouTube via CrazyTalk optimized output function.



Superimpose Your Animated Character to Other Video Editor



- The industry standard video formats, Windows Media or Real Media allow you to export your project video ready for playing in any PC, over the web, and offer the highest compatibility for video producers to import digital video into their productions.

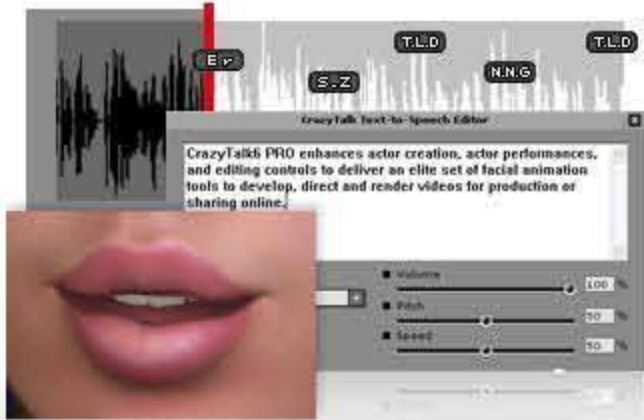


Features Script

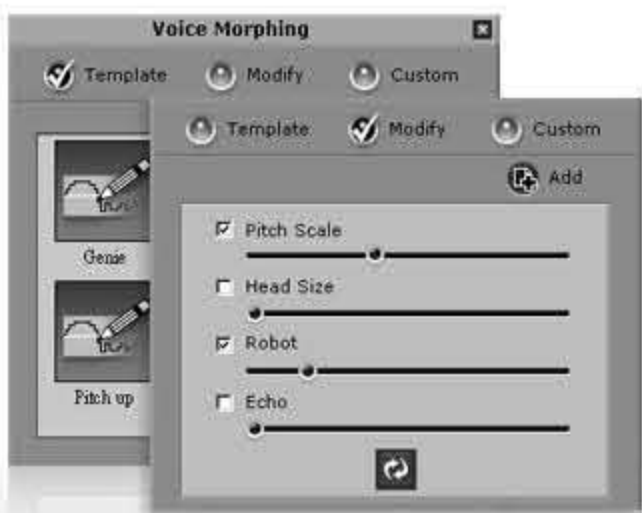


Auto Lip-sync from Audio or Text

- Easily import a Wave file or record your own voice using the built-in audio capture function or your PC microphone.
- Get the best phoneme data to your talking photo by automatic lip-sync.
- Advancements in Text-to-Speech inside CrazyTalk offer better quality for all end-users and additional serious solutions for text driven synthetic voice performances. [More about TTS](#)



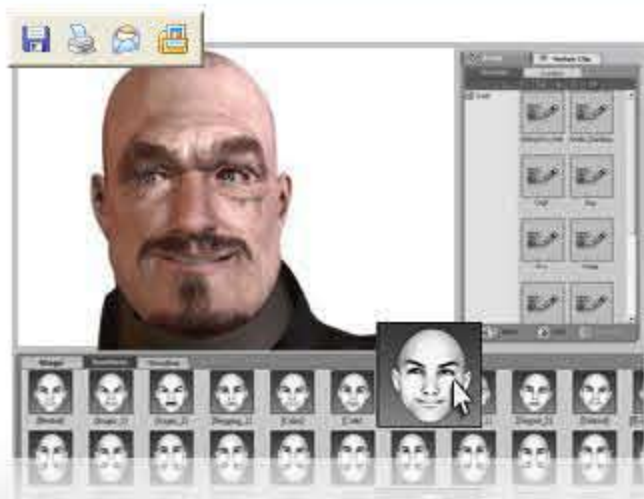
Customize Voice with Audio Morphing Filter (PRO)



- Tweak your voice from a high pitched "elf" voice to a low booming voice using the fast-access sliderbar editors.
- Disguise your voice or improve the quality of our audio for enhanced performance playback.

Emotives Library - Attitude Based Animation

- Edit your entire Timeline with one click. Emotives are a complete emotional animation track master message that assigns a global mood to your talking message.
- Emotives feature thematic animation presets adding automatic expressions, movement for head, shoulders, eyes, and accurate special effects to the Timeline emphasizing the selected Emotive theme such as happiness, excitement, fear, or desire.



Motion Clip - Instant Facial Performance Clips



- Motion Clips can add instant expressions to the Timeline including full face, eye, head, and SFX track performance. Simply "drag and drop" the available Motion Clips in the library to the Timeline to apply instant expressions.
- **PRO!** Record real-time facial puppeteering and save it in layers as Motion Clips storing all the data for every facial feature animated during the live puppet session.
- **PRO!** View adjustments made to specific areas of your project using the area preview function of the Timeline editor. Once a track edit is complete, select the region of the timeline to preview and push play.
- **PRO!** Launch Individual Track Editing Windows from Timeline for Fine-tuning On-the-fly or further customization.

Real-time Puppeteering - Solo Feature Control

- Use a mouse or handheld device to puppet character animation. Select characters or facial features and puppet their behavior in as you playback to recorded audio in real-time.
- **PRO!** CrazyTalk provides full control of the puppet's facial features, mouth opening, emotional expression and more. Move your cursor to experience eyes blinking, nose wrinkling, jaw movement, etc.



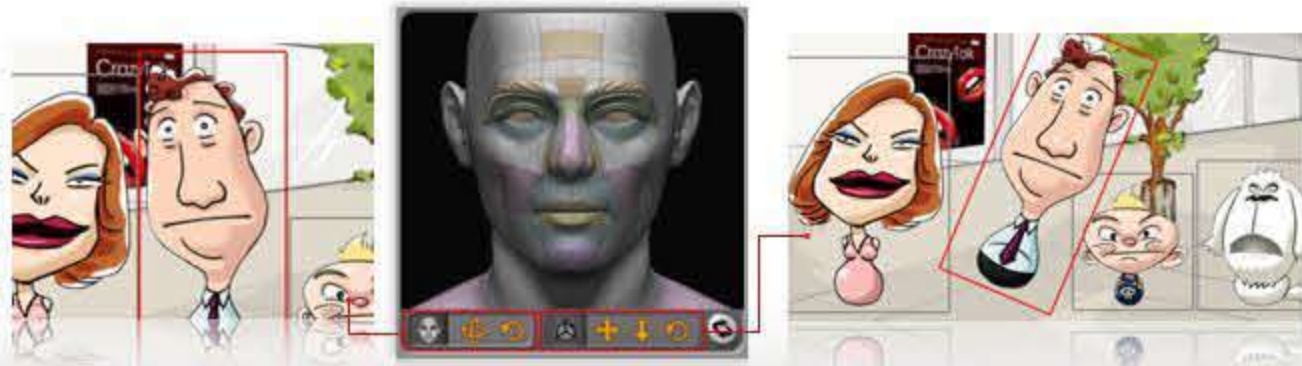
Real-time Puppeteering - Full Facial Control



- 5 default puppet profiles define instant personality performance for puppeteering, including Wicked, Goofy, Youthful, Attractive and Grumpy, as well as six emotion styles are included with advanced select and deselect layer editing capability to provide full control of the puppet's facial features.
- Detailed property parameter setting for single muscle movement. Assign different weight for controlling specific muscle movement during the real-time puppeteering.

Real-time Puppeteering - Head & Body Movement Control

- Free head movement via the head movement control panel to freely move or rotate head location.
- **New!** Free body movement via the character movement control panel to freely move or scale your actor for a dynamic comic show.



Rich SFX Library for Blazing Visual Experience (PRO)

- Rich templates of special effects in the Disguise, Metaphors, Facial Action, Full Screen, Illustration, and Transition. And the Text Bubble SFX templates allow you to type messages in the text bubble by clicking the SFX on the sequence interface to bring dialog box and adjust the text.
- Dual-layered special effects allow you to swap SFX from foreground to background with "SFX-Swap."
- Customization and Modification for special effects. CrazyTalk allows you to import an AniGIF, JPEG, BMP, TGA or PNG file as an animated object, illustration, or full frame content that can fully control how the animation appears in your video.



Timeline & Quick Keyframe Editing (PRO)

- Quick Keyframe Editing: Group Select, Copy, Paste, Move & Adjust Keyframe Strength Directly from Timeline.
- Select the single keyframe on the Timeline to activate the modifying dialog to fine-tune the muscle movement and camera animation.



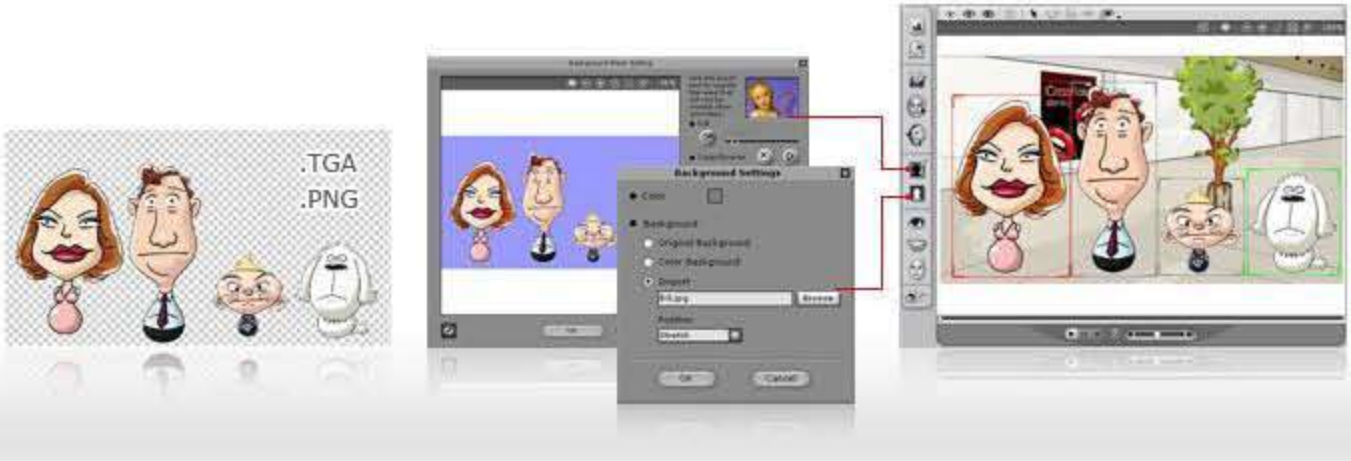


Features Stage



NEW ! Masked Image Support for Dialogue & Comic Animation

- **New!** Import a TGA or PNG file with alpha channel for free actor movement control.
- **New!** Use masking tool to create custom stage background and ensure realistic 3D head movement.



NEW ! Stage Editor - Multi-character Tracks Arrangement

- **New!** Stage editor for casting actors & multi-character rundown control.
- **New!** Total linear animation control with character, camera, and audio tracks.
- **New!** Track zoom function for focused area editing.



Stage Editor - Background Music & Camera System



- Independent Audio track for background music editing.
- **New!** Enhanced Camera System allows moving, rotating and zooming for different view of your story.

Stage & Timeline Editing

- **New!** Two major editors: Stage Editor for casting actors; Timeline editor for detailed script editing of individual character.
- Click any CTS on the character track in Stage Editor and launch individual track editing windows for script editing.





Features



Model

Your Image Transformed into An Actor

- Go from Image-to-Animation
- Enhanced facial fitting
- Natural life-like head movement
- Edit Teeth, Mouth, Lips and Eyes

[More](#)



Script

Animate Actor Voices, Emotion & SFX

- Automatic audio lip-sync
- Puppeteering with mouse
- Real-time puppeteering recording
- Easy animation with Emotives

[More](#)



Stage

Actor's Stage & Timeline Control

- Stage multi-actor dialogue
- Unique actor timeline tracks
- Camera system and keyframing

[More](#)



Output

Export & Application

- MPEG-4, NTSC, PAL and HD
- Flash FLV, TGA, BMP Sequence
- YouTube video direct publishing
- Advanced web output: iWidget & iContent

[More](#)