

Popularity/Thirst of Music Software, Their Use in Composing, Editing, Finishing and Remixing

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Music Software of Computer

A great variety of music software is available in the market. Software plays a primary role in any program. From the basic or simple windows program to a complex one it is software which is running the program in the computer. So while working on a project like writing a thesis in the propagation of music it becomes mandatory to mention the software used for doing different operations like sequencing, notation writing, setting the numbers and doing other secondary jobs.

The field of music software and their manufactures are so vast that one actually requires a full length or in-depth dealing with these to get knowledge of the subject. There are hundreds of sites available on the internet which bring in hand information to the user.

To highlight our purpose of showing computer's role in music, we have vied some of the sites by not going much in its details. We should be written about "two notation software, two sequencing software and one audio editing software. We feel privileged to provide a list of Category of software manufactured by Macintosh company.

Macintosh Software Categories

- Audio editors
- Audio players
- Audio recording
- Audio restoration
- Business applications
- CD Burners
- CD players
- Collecting and Cataloging
- Computer aided music
- C sound
- Drums and percussion

- Ear training
- Effects
- Format converters
- Guitar
- Jukebox and multi-format
- Karaoke
- MIDI players and utilities
- MIDI sequencers
- MOD trackers and players
- MP3
- Multitrack recording
- Music calculators
- Notation
- Radio production
- Re-mixing and DJ
- Software samplers
- Software synthesizers
- Sound cards-Device drivers
- Sound fonts
- Spectrum analyzers
- Streaming Audio-media
- Tuners
- Video and Multimedia
- Wavetable emulators

Similarly there are other software manufacturers in the market.

Sonic Foundry Software

Sound Forge is an award winning digital audio editor that includes a powerful set of audio processor, tools and effects for recording and manipulating audio. This industry-standard application is perfect for audio editing, audio recording, effect processing and rich media encoding. Edit files nondestructively down to the same level with extreme speed and accuracy. Choose from over 35 real-time audio effects and processes with more than 200 presets.

Function

Editing Features

- Edit, record, process and encode audio on your PC
- Cut, paste, move, mix, delete, mute, reverse, fade and cross fade audio.

- Edit files nondestructively with extreme speed and accuracy down to the sample level.
- Drop markers during playback or while editing. Create custom marker names.
- Creating regions and loops. View, select and edit your wave for and snap to sample selections. Import and save 32 bit files-even record 32 bit files if your hardware supports 32 bit recording. use multitask background rendering to work on one file while Sound Forge processes another.
- Customize your toolbars to create the interface you want for quick access to commonly used functions. Use the new preset manager backup, transfer and organize your favourite presets.
- Dock floating windows, including regions list, play list, key board, play meters and time display, individually or on the top of each other.
- Create studio-quality audio for broadcast synchronize audio and video, frame by frame to produce quality results for streaming media.
- Production and Multimedia Presentations
- Create and edit ACID loops with the loop editing. permanently assign root notes, number of beats and tempo to ACIDize new loops.
- Trigger audio playback using MIDI commands from any MIDI software or hardware device.
- Apply a full range of audio effects including Amplitude Modulation, Chorus, Delay/Echo, Distortion. Dynamics. Envelops. Flange/Wah-Wah, Gapper/Snipper, Noise gate, Pitch Band/Shift, reverb and Vibrato.
- Apply acoustics responses in real environment such as concert halls, caves and stairways to your audio using the Acoustics Mirror plugin.
- Use Waver Hammer mastering tools to limit the dynamic range of your audio, add punch to recordings and boost signal levels without clipping.

- Editing effects before you apply them make "before and after" comparisons and apply what sounds best.
- Use the spectrum analysis tool to perform precise FFT analysis and display resulting data in two graphical formats. Use the special graph to monitor input or playback in real time. CD features rip audio from CDs, transferring music to your hard drive and save files in MP3, WAV and WMA formats.

Encoding features

Encode your audio files for the internet in Real Audio, Windows Media and MP3 formats. You can even encode video, insert metadata a command markers, launch websites, display captions and embedded URL flips into your audio and video streams.

Render audio to just about any file format including WAV, ASF, RM, MP3, WMA and AVI eliminating the need for another program to perform file conversions.

Edit multiple tracks of video on one timeline with a free streamlined edition of Vegas Video3.0 our digital multitrack editor. This exciting tool provides eight tracks of video and performs simple drag and drop operations allowing you to move, cross fade and time stretch audio events in real time.

Notation Software I

Finale is the world standard for creating editing and printing sheet music. Used by more educators, composers, students, performers and music maters than any other notation program.

Select your instruments or voices and the key and time signatures and the score are set-up automatically. Use one of over 50 professional templates.

6 ways to enter notes (composing stage)

Select a note. Click it onto the staff. Notes space automatically. Notate as you play a solo acoustic instrument. Type notes on your computer keyboard with or without MIDI.

- Notate as you play using a MIDI keyboard.
- Scan printed sheet music.
- It opens automatically with Smart Score Light.

- Import MIDI or Internet files. Also imports Enscore files.

Hear your music come to Life (check Stage)

Violin Staves sound like violins and flute sound like flutes. Dynamics and articulations play back for full dramatic effect.

Print or Publish (print or output stage)

Print the full score or part, publish on the internet.

Save as a web page or to Finale Showcase, a free web site for sharing music.

Music Notation

Perhaps the most innovative addition to music printing software in recent years is music scanning technology. The ability to use nightingale users an odd on program called note scan to scan music into that particular software. Separate music scanning programs are also being developed such as Musket's MIDI scan for windows machine. Such programs provide standard MIDI files that can be used in a music printing program of choice.

Notation Software II

Finale Allegro

The MIDI user's choice for music notation, from the makers of Finale, the world's best selling music notation software, comes Finale Allegro, designed for performing musicians that need their music to look as great as it sounds.

- Publish your Allegro files on the web
- Easy fast and powerful
- Allegro intuitive power helps you to get your music entered and printed fast.
- Six ways to enter notes
- Easy hear notes as you click notes into place with the simple entry palette
- Fast play your MIDI keyboard or MIDI guitar and watch Allegro's patented Hyper Scribe notes as you play.
- Powerful use the computer keyboard with or without your MIDI keyboard with speedy Note entry.

- Exclusive notate in step or real time as you play your guitar or other single melody acoustics instruments.
- Import MIDI files from the internet or form popular sequences. No program translates MIDI into notation as well as Allegro.
- Scan use free MIDI scan technology by Musitek to scan exiting sheet music into Allegro.

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