



FL STUDIO 11

What's New?



Introducing FL Studio 11



Free Update



Performance Mode



Multi-touch

FL Studio 11 is a complete software music production environment, representing more than 14 years of innovative developments and our commitment to Lifetime Free Updates. Everything you need in one package to compose, arrange, record, edit, mix and master professional quality music. *FL Studio 11 is the fastest way from your brain to your speakers.*

Notable new features

- **Performance mode** – Trigger Playlist Clips live using a mouse, touch screen, typing keyboard or MIDI controller. Supports APC20/40, Launchpad, Lemur, Block, Maschine/Mikro, padKONTROL, Traktor Kontrol (and more).
- **Multi-touch support** - FL Studio and some plugins now respond to Multi-touch with Microsoft gesture functions supported.
- **Playlist** - 199 Playlist tracks, increased from 99.
- **Linking includes MIDI input port** - Links now remember the MIDI input port used to avoid conflict between controllers.
- **Playlist & Piano roll** – Horizontal & vertical movement locking. Shift is horizontal lock & Ctrl is vertical lock when dragging items.
- **Piano roll** - Glue notes, Mouse wheel velocity, Monophonic step entry mode & Chop chords tool.
- **Right-click data entry** - Most controls now allow a Right-click option to type in values.
- **Plugin Picker** - Right-click to open a plugin and its presets in the Browser. Start typing plugin names to highlight entries.
- **Mixer** - Page Up/Down keyboard keys cycle through the current mixer track's plugin windows.
- **Options** - Play truncated notes in clips restores notes overlapping slice points in Pattern Clips. Click and hold functions. GUI animation level now selectable from sober to entertaining.

New Plugins



BassDrum

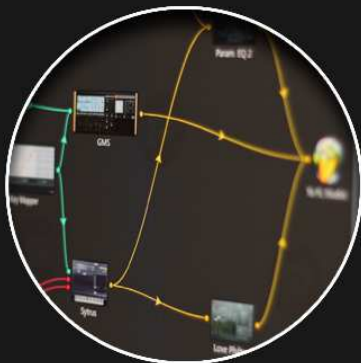


GMS

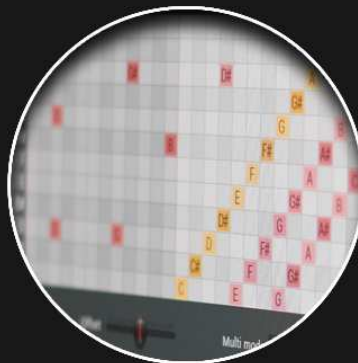


Effector

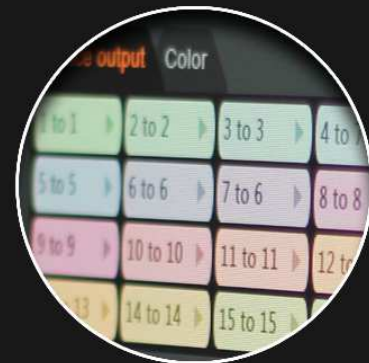
- **BassDrum** – Deep Kick-Bass percussion synthesizer with sample layering. BassDrum was developed due to strong and loud customer demand for punchy kicks with a big bottom end. Our solution was to take a hybrid synthesis/sample route to provide unlimited customization for the perfect kick sound.
- **GMS (Groove Machine Synth)** - Multi-timbral hybrid synthesizer & FX channel lifted from Groove Machine. Another plugin by popular demand.
- **Effector** - 12 performance oriented effects: Distortion, Lo-Fi bit reduction, Flanging, Phasing, Filter (low/high pass), Delay, Reverb, Stereo panning & binaural effect, Gating, Granulizer, Vocal formant and Ring modulation effects. Effector was introduced to compliment Performance Mode and is perfect for use with multi-touch displays & controllers.



Patcher



VFX Key Mapper



VFX Color Mapper

- **Patcher** – Introduced with FL Studio 10 to provide a means of saving and recalling commonly used effects and plugin chains. It's in the new section as, aside from being overhauled with animated connections and a fresh interface, patcher has gained two, of many more to come, Voice Effects (VFX).
- **VFX Key Mapper** – Allows note inputs, live or from the Piano roll, to be transposed, key-changed, chorded or creatively remapped.
- **VFX Color Mapper** – Leverages FL Studio's 16 Piano roll note colors that have traditionally mapped to MIDI channels. Now inside Patcher note colors can control 16 independent generators/instruments or groups of generators.

Updated Plugins



FL FlowStone



USB/WiFi/COM

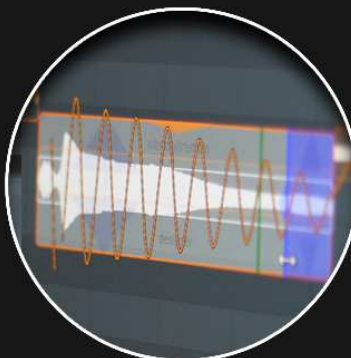


Ruby

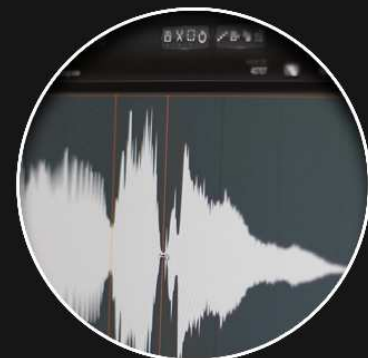
- **FL Flowstone** - Flowstone is the successor to the original Synthmaker program. Now including the Ruby high level programming language. Not only can you still create Synths, Effects but also control external hardware with support for USB devices, I/O cards, Wi-Fi, webcams and audio hardware. It's true...connected to the right robot, FL Studio is the first DAW in the world that can now make you a coffee!



Newtone 2



Vibrato Editor



Warp Mode

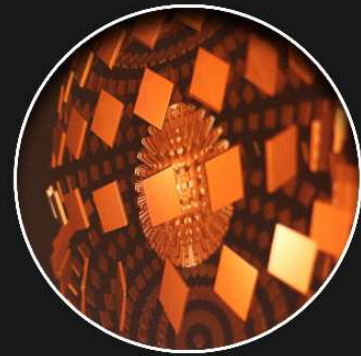
- **Newtone 2** - Has been completely re-written with a new analysis and pitch engine for more accuracy, while also brushing up the workflow. Shortcuts & mouse actions now harmonize with FL Studio's Piano roll and Playlist, where possible. Most exciting are the new **Vibrato** and **Warp editors**. The **Vibrato editor** allows users to create vibrato effects from scratch with controls including start/end amount and frequency. The editor even detects existing vibrato and displays this value so users can match the singers natural tendency, if desired. The **Warp editor** is designed to work with mono or polyphonic material and is perfect for slicing and re-timing/quantizing drum-loops, vocal performances and is great for sound-design experimentation. Importantly, Newtone 2 is a free update for existing customers.



Harmor



DirectWave



ZGameEditor Visualizer

- **Harmor** – Rising star of the Electro and Dubstep scene, voted in the top 10 plugins of 2013 by MusicRadar readers, now supports Komplexer WT wavetables & 'Map audio regions to keys' for sampler like functionality and auto-dump to score for Slicex like drum handling. The preset count continues to rise too as patches keep flooding in from the thriving user base.
- **ZGameEditor Visualizer** – Based on the free open source ZGameEditor that can be used to create 2D & 3D video game style visualization objects for the plugin. ZGE Visualizer can create real-time or rendered HD video effects in automated or automatic sync with FL Studio projects to support live performances or YouTube videos. Under FL Studio 11 the plugin receives a slew of new shader modules for stunning HD video effects.
- **DirectWave** - Added multi-timbral mode to the FL native version so you can load and play more than one patch from note colors in the Piano roll. There's also a new live 16 point sinc-interpolation mode for lower CPU usage when using DirectWave in multi-timbral mode.

What can FL Studio 11 do?

- **Audio editing and manipulation** including pitch correction, pitch shifting, harmonization, time-stretching, beat-detection & slicing, audio warping and standard audio manipulation (cut/paste etc).
- **Automate most interface and all plugin parameters** by recording, drawing, spline-based automation curves, automation generators with formula based control of links.
- **Be hosted in other DAWs** as a VST or connected through ReWire.
- **Live music performance** including video effect visualization.
- **Mix and remix audio** including apply real-time audio effects including delay, reverb & filtering.
- **Multi-track audio recording** up to the limit of your audio-interface inputs.
- **Record & play MIDI input** recording from keyboards, drum pads and controllers.
- **Sequencing and arranging** with pattern and linear workflow possible.
- **Synthesizer & effect plugin hosting** VST 32 & 64 bit, DX and FL Native formats.

Instruments

- **Make virtually any sound** - FL10 includes over 30 software synthesizers covering acoustic/synthetic bass, electric guitar, multi-sampler tools including piano & strings, general sample playback and beat-slicing (With Rex 1 & 2 support).

- **Synthesis techniques** - span subtractive, modelling, FM, RM, granular and additive. With the addition of FL SynthMaker you can further create & share your own FL instruments, effects & MIDI control dashboards without the need to write basic code.
- **Open plugin standards** - FL Studio supports all PC industry plugin instrument standards including VST, DX, Buzz and Rewire. This means you can sequence with your favorite plugins and applications.

Audio Recording & Editing

- **Multi-channel audio inputs** - With the ability to simultaneously capture all the inputs on your audio-interface, FL Studio has the flexibility to record a single vocalist, guitar or a full symphony orchestra.
- **Arranging audio** - Audio can be arranged, with complete freedom in the Playlist. Features include the ability to host an unlimited number of audio recordings, time-stretching, pitch-shifting, beat-slicing, cropping, editing and the re-arranging of audio with only a few mouse clicks.
- **Edison** - FL10's audio capabilities are further enhanced with Edison, the recording wave editor. Edison is an integrated audio editing and recording tool with spectral analysis, convolution reverb, noise reduction, loop-recording, loop-construction tools and more.
- **Newtone** - Pitch corrector/editor. Correct, slice, edit, stretch vocals, instrumentals and other monophonic recordings. Convert audio to MIDI data and re-pitch any monophonic melody to another.

FL Studio supports WAV, MP3, OGG, WavPack, AIFF, and REX audio formats.

Sequencing

Compose and record your musical performances and ideas in the most logical way.

- **Pattern or track sequencing** - You choose, record your musical performances and ideas in the most logical way. FL Studio 11 can simultaneously function as a pattern and track based sequencer. Reuse patterns as Pattern Clips in the Playlist or record song-length sequences, as desired.
- **Step sequencer or Piano roll** - Scoring tools include FL Studio's legendary Step-sequencer, one of the most advanced Piano roll's in any software studio, event and multipoint automation envelopes. FL Studio supports MIDI input, standard controller compatibility, and the ability to simultaneously control multiple instrument channels from separate controllers.

Arranging

FL Studio allows you to do what you want where and when you want.

- **Determine your own project design** - In FL11, you decide how your project will be laid out. Unlike the competition, FL11's Playlist is a totally flexible and virtually unbounded workspace where Note Pattern, Audio and Automation data can be arranged and edited to suit your creative ideas and preferred workflow.

Mixing & Mastering

FL Studio provides all the tools you need to produce your tracks to high professional standards.

- **The mixer** - is about precision, control and flexibility. The mixer's tracks each hold up to 8 effects (VST, DX or FL's proprietary format). To create sub-mixes or mixing chains of almost unlimited complexity, each mixer track can be routed to any other mixer track, one of 4 dedicated 'send' channels and or the Master track. Sends provide the ability to sidechain

inputs to multi-input effects plugins. Finally, each of the mixer tracks can be routed to any output on your audio interface, now that's flexibility.

- **Effects** - What about effects? FL Studio includes more than 40 effects spanning maximization, limiting, compression, delay, distortion, equalization (graphic & parametric), filtering, phasing, flanging, chorus, vocoding and reverb. These have you covered for the creative broad-brush effects, through to the minutia of the mastering process.
- **Open plugin standards** - FL Studio supports all PC industry plugin effect standards including VST (1/2), DX(1/2), Buzz and Rewire. This means you can mix with your favorite plugins and applications.

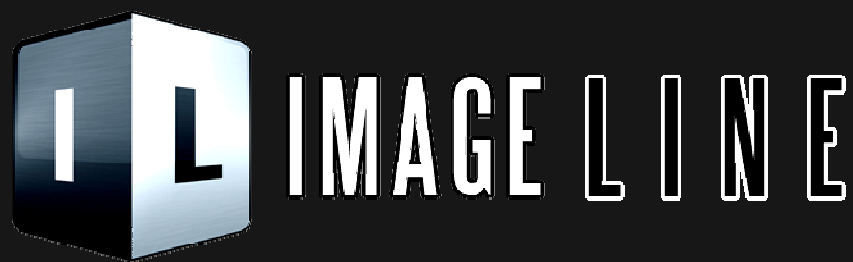
Lifetime FREE Updates

There may be no such thing as a 'free lunch' but there certainly is '**Lifetime Free Updates**' with Image Line's update policy.

- **Never pay for bug-fixes again!** - All customers who purchase FL Studio 11 receive Lifetime Free Updates by download. Free updates entitles the customer to all future updates of FL Studio at level purchased (Express, Fruity, Producer or Signature Bundle). For example, all FL Studio 10 customers will be able to update to a fully functioning version of FL Studio 11, 12, etc, for free.

Demo Limitations

All FL Studio demo versions are fully featured, giving customers access to features associated with the highest level of the program (Producer Edition). Compose new songs and export them to WAV, MP3 or OGG. The only limitation is that projects saved in demo mode will only open fully once FL Studio and plugins have been registered. This gives you the ability to save recover your original projects post-purchase.



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