energyXT2.5
energyXT2.5 Plus

Ultra-Portable Music Production and Recording Software for Windows, Mac and Linux

energyXT2.5

- All you need to create music on your PC or MAC

- Perfect for composers, musicians, DJs, vocalists, and producers of all styles

- Complete "Studio On The Go" – take the fully-portable ZMX8210 and all your songs with you on the included USB flash drive

- Smart and innovative audio and MIDI sequencer

- Minimal loading time, no need to install. Record your inspiration on the spur of the moment

- Create, save, export and play your own music on the included USB flash drive, on your PCs hard drive or any mobile storage unit

- High-performance 32bit/192kHz full-duplex audio engine with low-latency support, 32 I/O, WAV, AIF, MP3, REX2, and MIDI file formats

- Ultra-flexible Audio/MIDI engine supports time-stretching, automation and MIDI learn functions for sequencer, mixer and plug-ins

- Soft mixer with virtually unlimited channels for audio, MIDI, effects returns and subgroups

- Fully configurable virtual FX/synth rack, ideal for live performances, including guitar and keyboard setups

- Native drum machine and synth/sampler plus full VSTi support

- On-board FX processors for EQ, reverb, chorus and more, with full support for VST effects
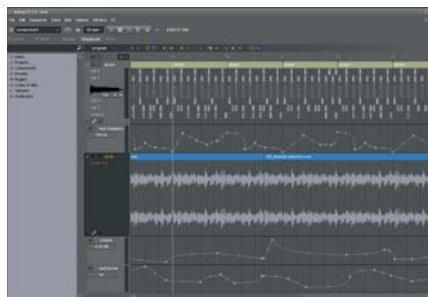
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Do We Really Need Another Recording Program?

Yes, when it's this unique. In the world of bloated, resource-hungry music production software, ZMX8210 is like a breath of fresh air.

Imagine a digital audio workstation program that opens in mere seconds from a thumb drive that can be transported from computer to computer — even between Windows (including Vista), Mac OSX, and Linux operating systems. ZMX8210 is a compact, easy to learn and use "Studio On-the-Go". You can take it and your project files to a friend's house, or to a professional recording studio on the included USB drive. You can even multi-track export your recording from ZMX8210 to all other DAWs.

ZMX8210 also features its own bevy of synthesizers, including one that functions as a dedicated drum track. With its top-quality sound and speed, ZMX8210 lets you Create Music Now!

energyXT2.5— everything you need for digital recording

Transferring music ideas from your soul to an MP3 shouldn't be a Herculean task. And it shouldn't take weeks in the studio and wads of cash to make your tunes a reality. ZMX8210 allows you to record instruments and vocals directly to your computer via a simple USB interface. You are then free to copy and paste tracks, as well as edit, add effects and mix them to your heart's content, with stunningly professional results. ZMX8210 makes it easy to take your music from a simple concept to a high-quality, finished masterpiece you can play, share and even upload to your favorite music site.

Ultra-portable Studio with Intuitive Workflow

ZMX8210 opens in seconds from the included high-speed USB stick. You don't even have to install the software since it runs directly from the USB drive. With ZMX8210, you can bring your projects to colleagues or friends on the stick and leave your valuable equipment at home — just export your projects to the DAW used wherever you go.

Built for musicians by musicians, ZMX8210 is easy to learn, logical to create music in and, most importantly, is designed to support your creativity. The way you make music will feel different with ZMX8210, because you won't be bogged down in menus — you'll be able to focus your energy on music creation. Put simply, ZMX8210 unleashes your creativity, letting your music flow.

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- Multi-track export function for importing projects into other DAWs
- Tabbed interface for docking VST plug-in editors
- Intuitive drag-and-drop operation
- Multi-language quick start guide
- VST ported – load ZMX8210 as a VST plug-in within any VST host software (Windows only)
- Skinnable, streamlined user interface

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- ReWire-Energizer function support — neatly hosts and controls ReWire compatible applications such as Reason or Ableton Live
- 2 GB extra-high speed USB flash drive included

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Slow Computer, Fast Computer; Old Computer, New Computer

Even if you don't have the latest, greatest computer, with truckloads of RAM and all the "bells and whistles," you can still lay down killer tracks with ZMX8210 Built-in professional features like Freeze and Bounce to Audio Track sip so lightly from your CPU, you'll hardly know they're even running. You can create, mix and record professional quality music with a minimal amount of equipment and computing horsepower with ZMX8210.

ZMX8210 runs on virtually ALL up-to-date computers which meet the system requirements, so it doesn't matter if you use a tower PC, laptop, MacBook or iMac. Operation is independent of the OS, meaning it runs equally well on Wndows XP, Vista, Mac OS X or Linux systems, such as Ubuntu. ZMX8210 even runs on most netbooks!

So Easy to Use

There is no huge manual to read with ZMX8210 — you'll be tracking and mixing in no time flat, thanks to its easy-to-understand interface and simple drag & drop clip manipulation. One thing you'll notice right away is that ZMX8210

is laid out in beats and measures, just like music. ZMX8210 gives you the tools to make music, without the hassles and steep learning curve associated with most recording and production software packages.

energyXT2.5 is Supremely "Mobile"

Of course, depending on your hardware, ZMX8210 will run on nearly any mobile device including external hard-drives, USB pen drives, SD cards, and so on. You can even copy the complete software program onto your MP3 player or the memory stick of your cell phone, so you can always have ZMX8210 with you!

energyXT2.5 Even Provides The Instruments

You don't even need an instrument to get started, thanks to ZMX8210's internal synthesizer/sampler and drum machine. These awesome tone generators build keyboard parts, pads, bass lines, and more. You can either step-write synthesizer parts or use an external MIDI instrument for real-time recording — and opt to use the onboard sounds or import your own. If you have a DAW controller at your disposal, you can use it to control virtual instrument tracks, as well as many of ZMX8210's mixer functions. And recording live instruments with ZMX8210 is a breeze; just plug a guitar or microphone into a USB-equipped mixer and lay down tracks to your heart's content.
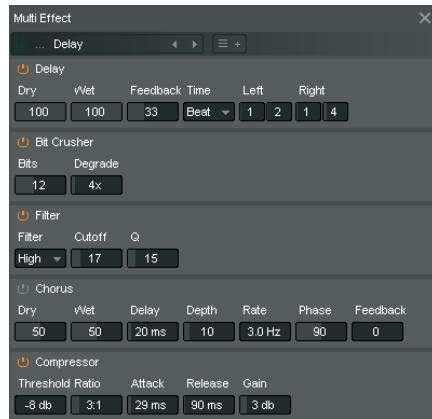
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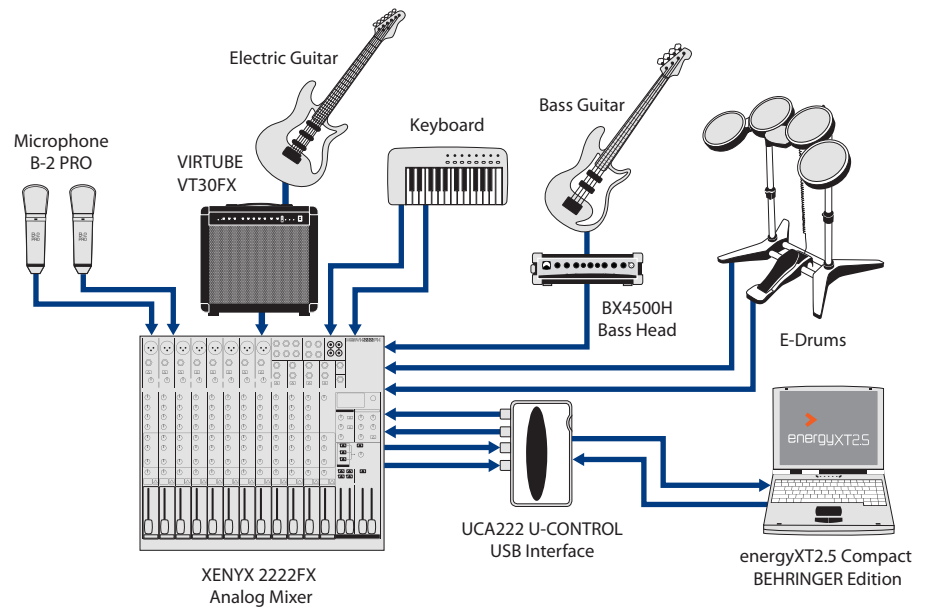# energyXT2.5 Plus

Built-In FX

Delay, reverb, phaser and chorus effects are built right into ZMX8210, so you won't need racks and racks of outboard gear to sweeten your tracks. In addition to all of these user-addressable effects, ZMX8210 is brimming with tonal enhancement, including a 4-band EQ on every channel, each band of which can be configured as LSH (low shelf), PEQ (parametric), HSH (high shelf), LPF (low pass filter) or HPF (high pass filter). And if that's not enough, ZMX8210 supports industry standard VST effects. Try to find that kind of versatility on a hardware-style mixer!

Sequencer

The sequencer inside ZMX8210 works in much the same way as in most DAWs and offers everything you have come to expect: audio recording, different track types, drum loops and clip-based automation of mixer/EQ and VST plug-ins. It also has unique features like drum-machine track, per audio clip resample, elastic time-stretching and modeless editing for lightning fast workflow. Tracks can be arranged into folders to save screen space and VST plug-in editors can be docked into separate tabs.

Electric Guitar
Microphone B-2 PRO
Keyboard
Bass Guitar
VIRTUBE VT30FX
BX4500H Bass Head
E-Drums
UCA222 U-CONTROL USB Interface
XENYX 2222FX Analog Mixer
energyXT2.5 Compact BEHRINGER Edition

You can open as many sequencers or mixers inside ZMX8210 as you like. This allows you to run complex loops, which are always in sync with the other, or "main" sequencer. You can even run the sequencers as two turntables! The ZMX8210 VST version also works as a plug-in, inside ZMX8210 itself. And it doesn't matter if your host supports VST effects, VST instruments, or both — you can use energyXT as a plug-in on any VST host. The possibilities are virtually endless!

Synthesizer/Sampler

The built-in synth/sampler is a phase modulation synthesizer and sample player in one. You can layer and split synthesized and sampled sounds any way you want. There are all the standard features like multi-mode filter, LFO's, vibrato and glide. Add per sound phaser/chorus/flanger and per program reverb and delay effects, and you have yourself a complete workstation, with sound that's extremely warm and clean.

You can easily drag & drop WAV files into the synthesizer, create multi-layers with different key and velocity ranges and much more. Here are just a few potential uses of this powerful tool:

• Virtual-analog or phase-modulated synthesizer
• Synthesizer with added FX-samples (e.g. sampled noise effects or drumloops, triggered via the synth engine)
• Multi-layer sound sampler (similar to the old-fashioned hardware samplers of yesteryear)
• Use the multi-layering capability to create your own Grand Piano layers!

Drum Track

The drum track feature in ZMX8210 works just like a built-in drum sampler. The drum editor looks like a real drum machine and samples can be dragged and dropped right into it for quick drum set construction. The resulting drumsets can even be saved as presets. To create a new

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drum track, simply drag a drum set or a WAV file into the sequencer, and the track is created for you automatically. Want to make a drum loop library? Just right-click any drum part in your project and save it as a single file for use in future projects.
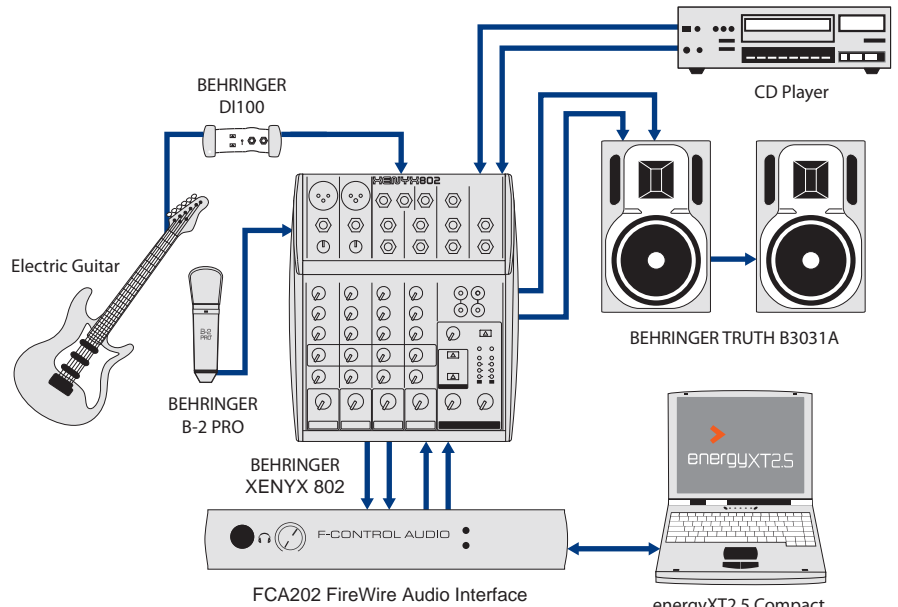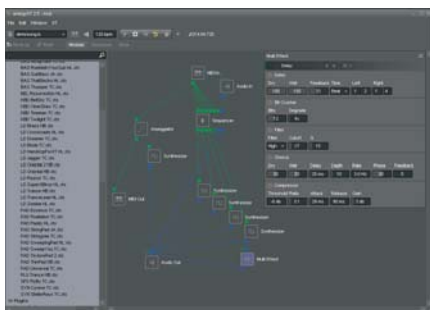
Mixer

Most settings in the main mixer can be automated from the sequencer, including volume, pan, mute, EQ and effect parameters. There is no limit to how many insert and send effects you can use in a project, except for your CPU. Group channels are available for sub mixing. These channels can be automated just like normal mixer channels, and will support insert and send effects as well. The mixer is dockable, and presets for different mixer views can be customized.
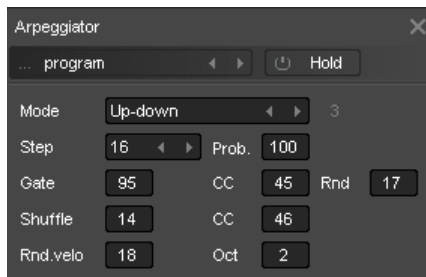
Browser

VST plug-ins, samples and presets can be dragged into the sequencer tracks and mixer effect slots. ZMX8210 will auto-detect if you drop a VST instrument into the sequencer, create a new MIDI track and connect it to the instruments automatically. The same thing happens if you drop in a drum sample—the drum track is created for you, ready to play!

Modular Environment

Electric Guitar

BEHRINGER DI100

BEHRINGER B-2 PRO

BEHRINGER XENYX 802

FCA202 FireWire Audio Interface

CD Player

BEHRINGER TRUTH B3031A

energyXT2.5 Compact BEHRINGER Edition

ZMX8210 offers a modular design feature. The Modular view allows you to visualize all the VST plug-ins, sequencers and audio inputs/outputs used in your project. In this view, you can easily set up ZMX8210 as a standalone effects processor. Just drop a few effects into the Modular view, route the audio input through the effect plug-ins and then to the master out. And ZMX8210 makes an outstanding effects processor for live guitar or keyboard setups.

Built-in Arpeggiator

An outstanding feature in ZMX8210 is the Arpeggiator, which steps through the sequence of notes you have played on your MIDI keyboard (or are playing back from a MIDI track), and plays them back in sync with the tempo of the song. Arpeggios work great for everything from basslines to chords and background melody lines, and are often played live from a MIDI keyboard. And the Random and Swing functions can be employed, giving these arpeggiated parts a more unique, "human" feel. The Arpeggiator is available on MIDI tracks in the sequencer, as well as a Classic Arp

component in the Modular view.

energyXT2.5 also works with loops

Loops are MIDI, audio or drum parts that have been saved as files. You can easily create and manage your own loops library and re-use the files in new projects. One of the best things about loops is the ability to save VST patches with it. This means that if you save a bass part with your favorite VST instrument (or the built-in synthesizer) and later drag the file into a new project, not only does it load the bass pattern, but it also loads the VST instrument and the patch automatically.

Time–Stretching and Pitch-Shifting

The advanced thread-based audio engine in ZMX8210 lets you stretch, change the pitch and reverse audio clips in real-time. ZMX8210 features the high-quality elastique time-stretching algorithm from plane development. With it you can resample audio clips and choose between Normal, Re-pitch and Stretch modes.
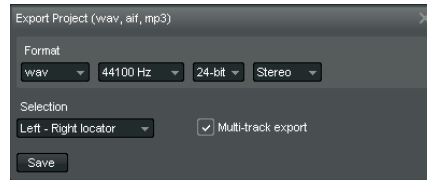
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Normal – the audio clip is played back using the sample rate of the file. You can alter the speed of the playback by modifying the coarse and fine-tuning controls.

Re-pitch – the playback speed of the audio clip is locked to tempo. Slowing down the tempo will play the sample slower. The length of the audio clips can still be changed, and can create some very interesting grooves.

Stretch – the playback is locked to tempo, just like in Re-pitch mode, but the pitch of the sample will not change when tempo is changed. In addition, you have coarse and fine-tune for pitch-shifting the audio clips without changing the playback speed.
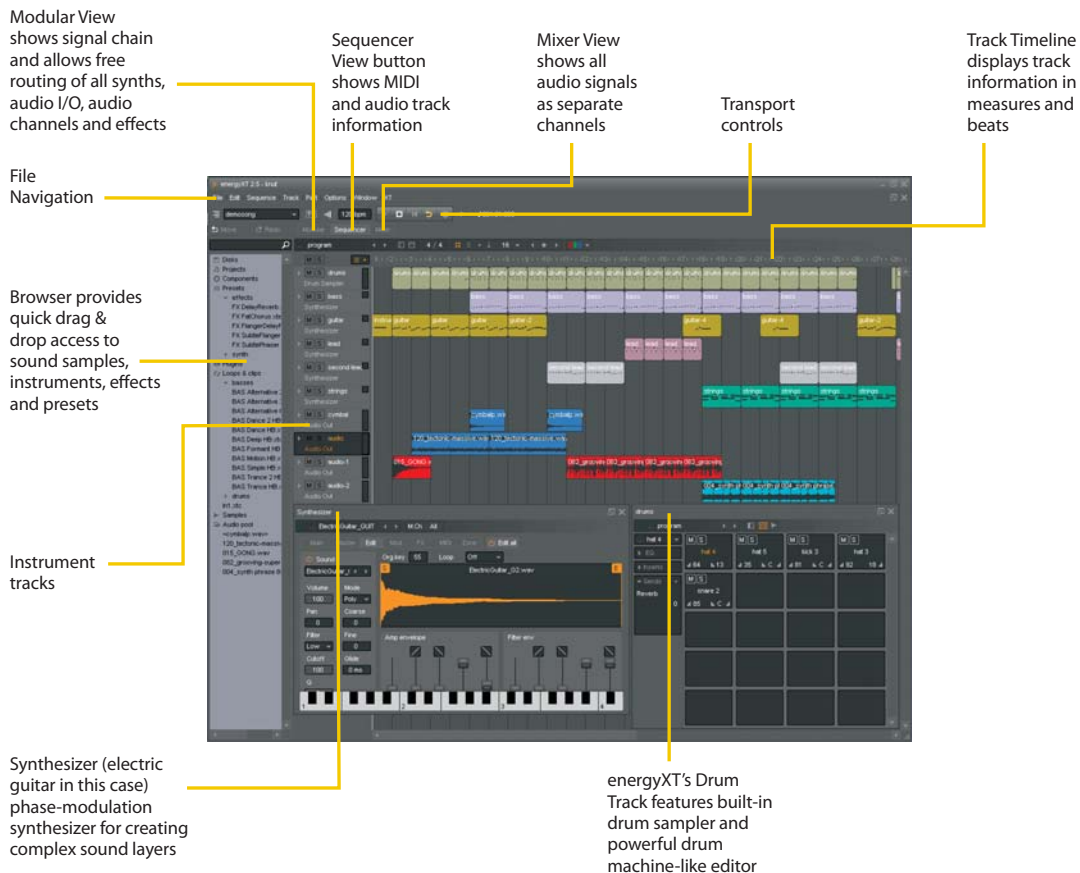
Output Options

When you've finished creating and mixing your masterpiece, all you need do is select File/Export Project to WAV, and choose the format you wish to use. Files can be exported as mono/stereo WAV or AIF, with sample rates ranging from 16-bit/22.050 kHz to 32-bit/192.000 kHz. When exported, a 3-minute song's file size can range from under 8 MB for 16-bit mono/22.050 kHz to 270 MB (32-bit stereo/192 kHz). The same 3-minute song, rendered at 24-bit/44.1 kHz stereo (CD quality) would be about 46 MB, and only 4.6 MB when formatted for mp3.

Note: MP3 files can also be imported (drag & drop) and exported if LAME.exe is installed to the energyXT folder. (LAME.exe is not included with energyXT2.5, however it is available as a free download).

energyXT2.5 PLUS kicks it up a notch…

The ZMX8210 PLUS edition includes technology to expand ReWire compatible devices (such as Reason Virtual Studio Rack) with audio recording, VST instruments and effects. Use ZMX8210 PLUS as the fastest-launching ReWire master solution for your favorite ReWire software, with super-flexible audio and MIDI routing of ReWire instruments, support for multi-channel audio, and up to 128 MIDI to bus/channel mapping. You get the option of synchronizing playback of both applications, or only using the fully-fledged sequencer inside ZMX8210 PLUS.

Modular View shows signal chain and allows free routing of all synths, audio I/O, audio channels and effects

File Navigation

Sequencer View button shows MIDI and audio track information

Mixer View shows all audio signals as separate channels

Transport controls

Track Timeline displays track information in measures and beats

Browser provides quick drag & drop access to sound samples, instruments, effects and presets

Instrument tracks

Synthesizer (electric guitar in this case) phase-modulation synthesizer for creating complex sound layers

energyXT's Drum Track features built-in drum sampler and powerful drum machine-like editor

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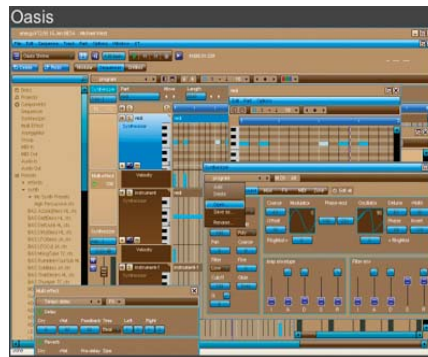
Sometimes Bigger is Better...

Because of its expanded functionality, ZMX8210 PLUS comes with an extra gigabyte of storage space on the included high-speed USB flash drive, for a total of 2 GB. That should give you more than enough room for even the largest project files. Of course, ZMX8210 PLUS is already installed on the USB drive and ready for deployment on whatever computer
you choose.

State-of-the-Industry Support

As we alluded to before, you won't get bogged down in massive, mind-numbing manuals with ZMX8210. There is however, a Quick Start Guide, a small, well thought-out User's Guide and the online XT User Community to help you sort things out, if you do get stuck. The XT User Community is a tremendous resource, with tons of information about virtually any situation you might run into. Go ahead, just try to stump them; those folks live for a challenge!

Don't like the skin that comes with energyXT2.5?

Create your own color scheme or check out the energyXT community at http://www.energy-xt.com/community.php, which offers a tremendous variety of skins from other users. The user's forum is also an excellent place to share your discoveries, and to suggest new features you'd like to see incorporated into energyXT. Post your music, skins, samples, projects and mp3's. You never know what might happen—you could become our next "Featured Artist."

energyXT2.5 provides serious tools for serious artists, giving you the power to Create Music Now! Visit http://www.energy-xt.com/download today to test-drive the demo.

Windows	1.4 GHz, 512 RAM
Mac OS X (Intel or PowerPC)	10.4.x, 512 RAM
Linux	1.4 GHz, 512 RAM 10 MB free space

XT Software is constantly striving to maintain the highest professional standards. As a result of these efforts, modifications may be made from time to time to existing products without prior notice. Specifications and appearance may differ from those listed or illustrated.

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