YAMAHA

MUSIC PRODUCTION GUIDE

OFFICIAL NEWS GUIDE FROM YAMAHA & EASY SOUNDS FOR YAMAHA MUSIC PRODUCTION INSTRUMENTS

Ausgabe

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Contents

DTX502 – NEW ELECTRONIC DRUM KITS

NEWS 2013

Yamaha not only celebrates its 125th birthday this year but does not stop to bring out new products. On the winter NAMM in Anaheim in January and on the Musikmesse Frankfurt in April the following prodcuts were introduced.

MX49/MX61 MUSIC SYNTHESIZER

New synthesizers with USB Audio/MIDI interface for a minimal budget

The Yamaha MX49/MX61 Music Synthesizers combine the sound engine from the highly acclaimed MOTIF XS together with USB Audio/MIDI integration, all neatly packed into a lightweight body (available in 49 and 61 note versions) that fits today's on-the-go mobile life style. Over 1000 preset Voices use the same Waveforms found on the MOTIF XS and cover a wide variety of musical styles. The Category buttons give you instant access to the sounds of your choice and these can then be easily layered or split from the panel buttons. VCM effects simulate vintage effectors at the circuit level and allow sounds that bring the ‚70s back to life.

The 128 notes of polyphony enable the synthesizer to render even dense song arrangements using all 16 Parts each Performance consists of.

But the MX series aren't just synthesizers, they are designed to bridge the gap between hardware and software. Recording the MX's sounds to your computer is simple - a single USB cable connects the two. The advanced Audio/MIDI integration lets you use the MX as an audio-interface for your computer to play back the DAW's audio signal and control the DAW software using the top panel surface of MX. The MX brings the power of MOTIF to players of all levels from beginners to professionals and offers great sounds, intuitive operation and advanced computer integration. Whether on stage or in the studio, the MX packs a powerful punch at a minimal price.

BAGS FOR THE MX SYNTHESIZERS

The lightweight construction of the MX Music Synthesizers makes them perfect partners for the musician on the move - they are easily transported from the home studio to the rehearsal room to the stage and back.

But to prevent any harm from the synthesizers they should be packed up in a transport bag. Yamaha now provides two new bags that fit the MX49 and the MX61 like a glove. You can choose between a stylish black and a bright red as the bag's color.

Made of a sturdy material and thoroughly padded they will protect your MX synthesizer from most dangers while being on the road.

VYCRO MX PERFORMANCE EDITOR SOFTWARE FOR THE MX SYNTHESIZERS BY PSICRAFT

Program and control every MX Performance parameter right from your computer using the Vycro MX Performance Editor software by Psicraft Designs.

Quickly create custom splits and layers between multiple parts, while tailoring their mix and effects settings from the intuitive onscreen interface. Your MX Synth updates instantly to reflect your changes, making it easy to experiment, create and organize your own signature performances.

http://vycromx.com

YAMAHA MOBILE MUSIC SEQUENCER

Yamaha introduces an iOS sequencer app for iPad

With its rich selection of 429 built-in phrase Patterns, this sequencer allows the user to intuitively create compositions. It features a strong Loop Remix Function and Chord Sequences enable user to create unique phrases easily. Built-in software synth with 153 high-quality timbres enables faithful rendering of sequence Patterns

MOTIF XF FIRMWARE UPDATE 1.4

Firmware update 1.4 for the MOTIF XF

Yamaha has updated the firmware of the MOTIF XF to version 1.4 by adding some exciting new features.

- The MOTIF XF can now be connected to two of Steinberg's CMC controllers. Use the 16 pads of the CMC-PD to record rhythm patterns on the XF. Or use the fours faders of the CMC-FD to control mixing parameters on the XF. The CMC controllers are simply connected to the USB-to-Device port of the XF

- Auto remount function to remount the last valid network-connection when booting up the XF

- New function of the PERFORMANCE CONTROL button in Master mode to switch the internal/external switches of each zoone

DTX500 TRIGGER SET

Turn your acoustic drum kit into an e-drum set or add the powerful e-drums sounds to your kit.

Attach the DT20 triggers to use your acoustic drums as pads to trigger the e-drum module DTX500.

This is a must for heavy metal and other high pressure music styles.

The set includes a DTX500 module with high end drum sounds, a CSAT924A multiclamb, and five DT20 Trigger.

DTX500 SIDESNARE SET

The easiest way to add over 400 yamaha drum sounds to your acoustic set!

Comes with a real DTX 3-zone silicon snare pad - the XP80 - featuring the real acoustic snare feel!

This set includes a DTX500 module, an XP80 3-zone silicone pad, a Tomstand WS904A, a Ballclamb CL940B and a CSAT924A multiclamb for easy integration into any acoustic drum kit

YAMAHA

STAGEPAS 400i AND STAGEPAS 600i

Yamaha introduce the STAGEPAS 400i and 600i , being shown in Europe for the very first time, they are the successors of the STAGEPAS 300 and 500 which earned worldwide acclaim as compact, yet high-powered, portable sound systems with exceptional sound quality.

By combining new high-efficiency amplifiers, newly designed speakers, and high performance DSP, the new STAGEPAS delivers a significant increase in power output, with substantial improvements in sound quality and reliability. Complementing the boost in performance, the addition of iPod/ iPhone connectivity, SPX digital reverbs, an onboard feedback suppressor and more versatile EQ, has improved functionality and ease of use considerably, allowing STAGEPAS to meet the demands of a much wider range of applications and users.

Both the 400i and 600i feature two sleek, lightweight speakers and a detachable powered mixer, along with one pair of speaker cables and a power cord, giving you a complete, portable sound solution that can be set up quickly and easily in a variety of configurations and environments.

Delivering 400 watts and 680 watts respectively, the 400i and 600i offer a substantial increase in power output compared to previous models. By utilizing Yamaha's intelligent DSP technologies STAGEPAS offers consistent high-quality sound at any volume level, while simultaneously extending the life of vital components using advanced limiter circuits. An innovative speaker design adds to system performance by delivering evenly-distributed, superior sound to a greater coverage area.

The new models features 4 mic/line inputs and 6 line inputs (STAGEPAS 400i features 4 line inputs) . CH 3 and 4 feature a combo jack that can accommodate XLR and 1/4 cables. In addition, both models feature an RCA pin jack, stereo mini jack and an iPod/ iPhone USB input allowing for a variety of connectivity options.

NEW DTX DRUM-KITS:
THE 502 SERIES

Anytime Night or Day - Yamaha's new DTX502 Series kits bring pro features to discerning home players on a budget.

Slave to the rhythm no more - professional sounds with exceptional playing ‚feel' at great prices define Yamaha's latest mid-range DTX Drum Kits.

Yamaha acoustic drums and professional electronic drums are the choice of pro drummers and studios the world over. The new DTX502 trigger module and DTX522k, DTX532k, DTX542k and DTX562k kits combine high level professional and performance features and bring together Yamaha's world-class acoustic drum heritage with state-of-the-art music and sampling technology.

At the heart of the new DTX range is the all-new, redesigned, re-engineered, and re-voiced DTX502 Drum Trigger Module, which delivers brand new rock, jazz and electronic kits combined with a range of new songs. Yamaha's latest award-winning proprietary AWM2 (Advanced Wave Memory) provides punchy, dynamic and exceptional realism. There's even a wide selection of sounds imported from Yamaha's flagship DTX900 series systems.

With a massive 27 megabyte Wave Rom the DTX502 Drum Trigger Module features over 690 drum and percussion Voices, 32-note polyphony, 128 tonal and keyboard Voices, a 104,000 note sequencer, professional digital effects processor and a wide variety of interactive training and practice options.

Complementing the DTX502 are the newly designed drum pads providing a softer feel and much wider dynamic range than their predecessors. They offer realistic touch, feel and ‚bounce' for a true acoustic playing experience. The new range also offers a refined, sturdy and extra durable rack system. The kit can be quickly assembled and disassembled making it ideal for homes and apartments where space is at a premium.

USB connectivity further extends the creative options of the DTX allowing them to be easily interfaced with computers.

More and more drummers are combining acoustic and electronic kits and the new DTX502 is ideal for this hybrid set up. Highly professional sounds at an affordable price mean these new kits can combine with acoustic kits without breaking the bank.

NEW VERSION
OF THE IOS APP „SONG BEATS"

Yamaha introduces an exciting new version of the Song Beats App designed for DTX players with iPhones or iPod Touch devices.

Song Beats makes practice, rehearsal and learning even more fun and productive. The drum configuration of the DTX is fully laid out on screen and now players can accompany their favourite MIDI songs tracks. It couldn't be easier; a glowing ring indicates which drums to strike. Additionally, the tempo can be changed and sections can be repeated with ease. It's musical painting-by-numbers!

The program, perfect for practice, also makes it easy to create custom accompaniments, and with hundreds of songs available it's suitable for all levels and musical styles.

The „mute" feature silences the drum tracks on MIDI files allowing the user to accompany ‚drum-less' tracks. This feature is perfect for practicing students, beginners, and pro players alike.

More advanced possibilities include the option to fully customize a full band accompaniment with the DTX700 high quality Voices.

Completing the feature set are ten built-in songs and ten drum patterns to get you started immediately, with each song having a highly informative reference video. There's even a dedicated Shop Screen (selected regions only) providing instant access to hundreds of songs. Any Yamaha MIDI songs already owned by the user can be simply loaded into the App via iTunes File Sharing.

The App is compatible with Yamaha's new DTX502 models.

EDITOR SOFTWARE FOR DTX700
BY JOHN MELAS

Athens-based Melas, a brilliant software engineer, has a long history with Yamaha, having programmed applications for, amongst other products, the MOTIF XF, MOTIF XS, S90 XS/S70 XS, MOTIF-RACK XS, MOX6/MOX8, MOTIF ES, S90 ES, MOTIF-RACK ES and MO6/MO8.

His DTX700 Editor, available for both Windows and Mac OSX, provides quick and easy access to all the parameters of the DTX700 sound module, making programming and editing a breeze. The powerful software package eliminates the need for sometimes time consuming multi-page navigation on the trigger module, allowing users to be more intuitive with the sounds and features, and hopefully leading to more creativity.

Powerful features are complemented by great graphics, whilst all edited DTX programmes can easily be saved to the host computer.
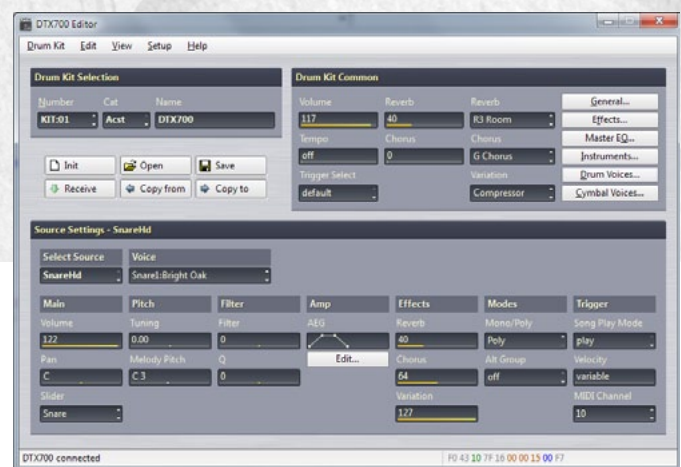
EDITOR SOFTWARE FOR MX SYNTHESIZERS BY JOHN MELAS

Besides his DTX700 editor software John Melas also programmed an editor for the new MX synthesizers.

It is available for both Windows and Mac OSX platforms and boasts a range of useful and practical features which will extend and enhance the enjoyment of MX models.

Features include import and convert functions for Voices in MOTIF XS format, and now all edit functions for MX can be easily and speedily controlled via a computer, eliminating the need for time consuming multi-screen navigation. Once editing is complete Voices can then be saved to the host computer.
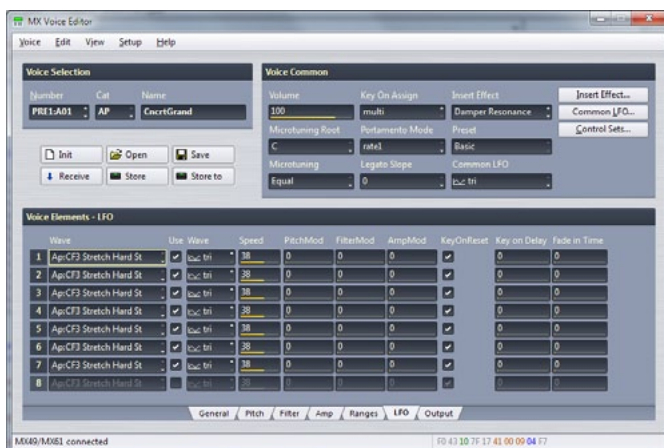
MOTIF PREMIUM COLLECTION REVIVES THE CS-80 IN THE MOTIF

2012 saw Yamaha's award-winning range of MOTIF synthesizers reaching their 10th Anniversary. To mark the occasion Yamaha introduced a very special commemorative gift pack with a range of piano sounds personally created by leading Yamaha artist Chick Corea.

Yamaha now updates the package with two more Voice and Sample banks starring the legendary and iconic Yamaha CS-80 synthesizer. Exceptional realism has been achieved thanks to the expertise and experience of Professor Dr. Peter Jung, who sampled no less than sixty-one CS-80 Waveforms, amounting to over 460 megabytes of data.

The CS-80 sounds are complemented by a range of sounds from Yamaha's flagship CP1 Stage Piano and the package comes complete with a Flash-ROM Board allowing users instant access to the vast number of available sound-sets.

YAMAHA ARTIST
JIMMY BONES TROMBLY

PUTTING DOWN ROOTS WITH KID ROCK.

Some keyboardists just play the parts. Others pull up their music by the roots. For Jimmie "Bones" Trombly, who's backed Kid Rock on piano, organ, harmonica, and vocals for the past 15 years, roots music is more than an influence—it's a force of gravity that anchors his entire musical identity.

As a longtime member of Kid Rock's backing band, Twisted Brown Trucker, Bones shares a deep love of primal music with his boss. "The music we have in common is just the earliest, rawest form of whatever genre, whether it be blues or soul or Rock & Roll," he says. "Same thing with country music: the whole outlaw circle, Waylon Jennings and Merle Haggard, Hank Williams Sr. and Jr. That's what we both definitely gravitate toward, and that's been the glue that matched us up."

Jimmie has a long history in the Detroit music scene, including a stint with cult favorites Robert Bradley's Blackwater Surprise before joining Kid Rock. As a young player, Jimmie wasn't so much trained in keyboards as steeped in them. "I never really had proper

piano lessons," he admits. "I learned from guys that played Hammond B3 and kick bass pedals in gospel churches, or with organ trios in clubs. My first teacher really trained my ear. He wouldn't even put sheet music in front of me—he'd bring in a cassette tape and say, 'Okay, try and emulate this the best you can.'"

Bones still uses the same immersive approach to learning, most recently before recording the latest Kid Rock album, Rebel Soul. "I did a lot of shedding with Ray Charles and dug deep into the records he did in the '50s. I didn't learn the songs just to play them—I basically tried to get into them almost like a method actor. It's kind of like learning a language: You either speak with an accent, or you speak fluently."

Onstage with Kid Rock, Jimmie is a dynamic player. "I can't stop moving," he laughs. "I'm kind of anchored between the Hammond B3 and a big old upright piano, so I'm not running around, but I'm pretty busy with the multi-keyboards. And there's some stuff where I'm playing piano or organ at the same time, and doing backup vocals or harmonica simultaneously. So I guess it's pretty visual, like watching one of those little wind-up monkeys with a cymbal on its back!"

And that piano? "It's the shell of my old 1917 upright grand with a Yamaha CP33 inside it," Jimmie confides. "I've also used a CP5 on some back-line shows—it's a really cool piano. I really like the CP because of how the samples sound, and the keyboard feels very much like a piano. I don't like a real light action, and I love how it fights back."

He uses a Motif XF8 onstage as well. "I play it on songs where I've got to build layers, and I might split the keyboard in different areas to have a string patch going here and a horn up in this octave, and maybe a sample off one of the records," he explains. "And when I'm not on the road, I use it for demoing and building tracks. The Motif is my own little stable of musicians—I'll play all the bass parts, do drum loops and whatnot. It's an essential songwriter's tool as well as a performance tool."

Wherever he's playing, Jimmie knows how fortunate he is to make music for a living. "I get paid to do what most people only dream of, and I can support my family doing it," he says. "Though there's a funny story about that. My parents were very concerned about my career path, because no parent wants their kid to grow up in obscurity and struggle

and do something where it's a crapshoot if you make it. So not long ago my folks and I are having dinner and I'm like "Well the real estate market's just horrible right now, and there's so many people out of work and losing their jobs, and it's getting worse every day.' And it gets kind of quiet, and then I say, 'Good thing I play in a rock-and-roll band, isn't it?'"

(Photography Credit: Rob Shanahan)

MOTIF EXPLORING SOUND: FM XPANDED WORKSHOP SERIES FOR YAMAHA MOTIF USERS

EASY SOUNDS

**VOLUME 01
ELECTRIC PIANO
& CLAVINET**

MOTIF FM XPANDED

The workshop series Exploring Sound wants to provide you with tips, ideas, and examples of creative use of Voices and Performances for the Yamaha MOTIF. To allow as many users as possible to participate in this series, all examples focus on the MOTIF XS without additional software support, such as the Voice Editor. As a bonus, some excerpts of each presented soundset can be heard on YouTube. And don't worry, you don't have to be a synth expert!

Yamaha combines great success with its FM synthesis. With the debut of the Yamaha DX7 in 1983, synthesizers were suddenly redefined: 16 voices of polyphony, velocity, a user interface with membrane buttons, and especially the brandnew FM synthesis caused a sensation.

Digital sounds offer a lot of brilliance and dynamics, but are still difficult to create. Terms like „Operator" or „Algorithm" still give a mystery. A particular difficulty of FM synthesis is: It is hard to predict a sound. So it's a good thing that the current workstation synthesizers from Yamaha combine digital sounds with simple operation.

The Yamaha MOTIF consistently relies on sampling. While the older MOTIF ES can be upgraded with optional plug-in boards, the MOTIF XS and XF do not allow FM synthesis using the plug-in board PLG-150DX. The advantage is that you will only encounter well known sound parameters. But you don't have to do without digital synthesizer

sounds á la Yamaha DX7. The soundset „FM Xpanded" by EASY SOUNDS brings you the most popular classic FM Voices in the form of a neat sampling approach. But before we discuss some of the features of „FM Xpanded", you should know some basics of the FM synthesis and the history of the FM models.

A SHORT REVIEW: THE DX7 AND HIS HEIRS

The first Yamaha DX7 was equipped with a D/A converter that is technically modest by today's standards - it offered a resolution of 12 bits and 28 kHz. This explains its pretty cool and harsh basic sound, which was accompanied by hissing, sizzling, and other typical aliasing noises (many years later this raw sound was just appreciated by techno producers). The Yamaha DX7 triggered an avalanche of digital synthesizers. Several models followed, working with FM synthesis. The direct successor DX7 II differs from the original with a better 16-bit converter that produces a warmer sound without noise. More sonic possibilities arise by a dual and split mode and by a unison function.

On the SY77 and its big brother SY99, who was very successful in 1991, samples can be integrated in the FM synthesis. Here a sample acts as a Modulator within the Algorithm. This method - called „RCM" (Realtime Convolution & Modulation) - has not stand the test because it made the sound design even more complex. However, the built-in effect processors became important for the optimization of the sound.

The last FM hardware synthesizer from Yamaha was the FS1R from 1998. This rack module combines the FM synthesis with the so-called Formant Shaping synthesis, which for example sonically resulted in unique spherical pads. 1: Yamaha has always looked at the bigger and tried to make the FM synthesis more colorful and refresh it with other sound means. The „FM Xpanded" soundset makes an attractive contribution, as we shall see

2: The FM sound always differed slightly between the different instruments. You can probably do without the noise of the first Yamaha DX7 in the samples for your MOTIF and would rather discover new facets of sound.

DX7 screen: Digital retro: The DX7 led the FM synthesis to a commercial sucess. The synth programming was a real challenge, which only few experts accepted

FM SYNTHESIS - HOW DOES IT WORK AND SOUND?

Classical FM synthesis - FM stands for „frequency modulation" - is based on the combination (Algorithm) of six sinusoidal oscillators (Operators), which can modulate each other's oscillation in the audible range. Unlike analog synthesizers the Yamaha DX7 featured 32 combination patterns (Algorithms). These patterns determine whether an Operator acts as a Carrier or Modulator and in what combination the six Operators interact. A sound program becomes more complex, the more Modulators are acting on a Carrier. If the Carrier and Modulator are in a whole-number frequency relationship, harmonious spectra are the result; otherwise the result would be discordant spectra, which produce bell or noise-like sounds. As said earlier, FM is not easy to understand.

Even minimal changes in parameter values can have drastic sonical consequences. If you change the frequency ratio between Carrier and Modulator, quite different timbres are caused immediately. The sound

varies even more coarse when you change the Algorithm.

The Yamaha DX7 shaped the popular music of the 1980s more than any other digital synthesizer. Generally, the „FM" sound is described as sharp and dynamic and therefore perceived as a contrast to the voluminous sounds of analog synthesizers. For many keyboardist especially the bell Rhodes sounds are ever-green favorites. In the studio, the crisp basses are famous. The preset Voice number 15 „Bass 1" of the Yamaha DX7 can be heard on several tracks, as in the pop classic „Take On Me" by a-ha. The „Harmonica" sound of the DX7 can also be played very nicely. A great example of this is the solo in Tina Turner's „What's love got to with it". The harp, steel drums, marimba, and other mallet sounds are often used for rhythmic sequencer passages. The „Tubular Bells" were also used quite often. Even effects („Train") and electronic drum sounds are no strangers to FM synthesis. Less typical for the Yamaha DX7, but very easy to reproduce with FM, are simple organ sounds, using Algorithm 32 („Organ Algorithm"), because it layers the sine oscillators in various footages like the principle of Additive synthesis.

In short, think of FM synthesis as the possibility to combine individual sound components that can be creatively mixed and put together.

A COMPACT DX
FOR THE MOTIF:
FM XPANDED

You now have some basic knowledge for „FM Xpanded". This soundset focuses on the very popular electric pianos - Rhodes, Wurlitzer, and Clavinet as being reproduced by FM synthesis. As with any sample-based soundset, it is useful to examine the source material. So listen to the User Waveforms individually by pressing the button „Integrated Sampling" and selecting one after the other from the Waveforms 001-048. You will notice when playing, that the Waveforms are no „ready FM Voices", but instead are parts of sounds. The original FM Voices were in fact broken down into individual parts and recorded, only to be reconstructed in the MOTIF. This is referred to as „partial sample programming".

Using this „mosaic"-like method the high dynamics of the FM sounds are preserved. If you would use a filter instead, the sound of the FM pianos would change in a non-FM way.


In the Integrated Sampling mode, the 48 User Waveforms can be individually selected and monitored

Simply put, the classic electric piano sound is divided into two components: a stable sustain phase with only few harmonics (the „body" of the sound), and a sometimes quite bell-like attack phase with many harmonics. The part of the sustain phase for example can be found in the Waveforms from 001 to 007 and 011 to 014 („body"), sometimes for different velocities. Radiant bell-shaped elements for the attack phase are found in the Waveforms 008 to 010. Moreover, there are sound components that provide noise for a certain natural FM sound. Examples are the Waveforms 020 („Hard Attack") or 047 (as „Key off" for the release phase).

So far for the sample material. We now dive into the sound programming: The Voices of

„FM Xpanded" all use a number of Elements to dynamically recreate FM sounds. „Dynamically" means that the velocity plays an important role. Some Elements of the Voices are only played at certain velocity values. This is achieved using different velocity zones. The first User Voice 001 „The Champ" shows, how the imitation of an FM electric piano is constructed.

Select the Voice and press the Edit button. You will see that all eight Elements are used in this Voice. Turn off all Elements using the „Part Mute" function (press buttons 9 to 16) and then individually re-activate one Element after the other to examine its funtion in that Voice:

Voice Elements 1 to 4 are used to reconstruct the stable partial sound for the sustain phase. Elements 1 and 2 as well as Elements 3 and 4 are slightly detuned and are only played for velocity values from 1 to 56 respectively velocity values from 57 to 127. You can examine these setting on the menu screens „Oscillator" (F1) and „Pitch" (F2). The other four Elements make the bell sound of the FM Voice. This structure can be found in the other FM pianos of the soundset, too.
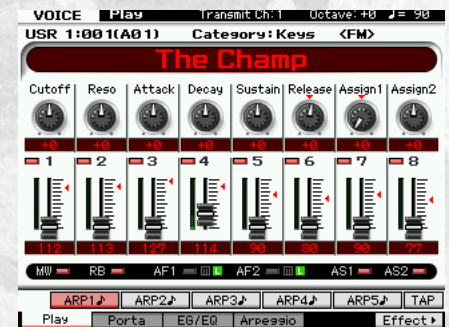
Vc001_the_Champ: With a Voice like The Champ is follows a modular principle: Up to eight Elements are combined to simulate the known FM piano of the Yamaha DX7. Multiple waveforms are used for a sustain phase at different dynamic levels and a percussive attack

GET CREATIVE
BY CHANGING THE
WAVEFORMS

You have now understood the principle of decomposition an overall sound into individual Element and should try a simple but effective trick: replacing the Waveforms to create new versions of an FM Voice. Take the User Voice 014 „DX & Grand" as a reference. Begin with Element 8 and replace the grand piano sample by other Waveforms. Tips: 0224 (nylon guitar), 0561 (soft acoustic wind instruments), 0935 (synth pad). You must not necessarily go into the Edit mode. Tasty variations of an electric piano can be created quickly using the AF1/2 buttons - you shouldn't miss that! It is even easier to change the sounds in Performance mode. Please take 001 „FM stereo EP1" as a template and try some of the preset Voices for Part 2 „Lovely Tines". By doing so you can create great layers of

DX-piano and Choir sounds.

That's enough for a brief glimpse on the first FM extension for your MOTIF XS/XF. Using the soundset „FM Xpanded" you can work like a „remixer for sound synthesis" and discover many new sonic opportunities much faster than with an FM synthesizer. Let's hope that a second volume of „FM Xpanded" will follow soon.

EFFECTS ON AUSTERITY

For the correct simulation of classic FM Voices you don't have to (or rather, „must not") dig deep into the bag of tricks. As in the 80s Chorus and Reverb are suffice enough to thicken the sound and give it some room. Electric pianos in the style of early electromechanical instruments are happy with some Tremolo (Example: Voice 015 „Tremelo Tines") and Phaser (Example: Voice 006 „Big Stone"). Other effects aren't prohibited, but effects like Wah-Wah or Distortion let the typical brilliant sound of FM synthesis lose some authenticity..

Matthias Sauer

www.app-sound.com

LINKS

Video: www.youtube.com/motifnews

Sound-Produkt: www.easysounds.de

YAMAHA SYNTH GUIDE
PART 6: THE VOICE-MODE

The Synth Guide is a workshop series which introduces you to the basic concepts of synthesizers and workstations with special reference to the Yamaha MOTIF series.

A special feature of the MOTIF series is the continuity in its sound architecture and operation. So if you have once understood the device's concept you can apply this knowledge on the following models.

The following devices are primarily considered:

• MOTIF XF

• MOTIF XS

• MOX

• MOTIF-RACK XS

• S90 XS

However, owners of older models such as the MOTIF „Classic" or the MOTIF ES can also benefit from this workshop series, since, as stated above, the basic sound architecture is unchanged throughout the complete MOTIF series (including S- and MO-series). This episode is about the basic functions of the Voice mode.

FUNDAMENTALS

A Voice is the sound of a musical instrument that had been stored in an electronic musical instrument. There are two types of Voices:

- Normal Voices

- Drum-Voices

Normal Voices are pitched musical instrument sounds, synth sounds and sound effects. They can be played across the entire keyboard and in the usual tone scales and keys. Normal Voices consist of one or more „Elements" (see „Element").

Drum Voices contain drum and percussion sounds, each assigned to individual keys on the keyboard. A Drum Voice is also known as drum kit.

An Element is the most basic unit of a Normal Voice. An Element is produced by applying different voice parameters to the raw sample material. A single Normal Voice is combined from one or more Elements. With the newer models of the MOTIF series (from the MOTIF XS) up to eight Elements are available for Voices.

A Drum Key is the most basic unit of a Drum Voice. A Drum Key is assigned to a single key of the keyboard. Each Drum Key plays a drum or percussion sound (Waveform).

Voice Edit is a function to create your own Voices from the scratch or to edit existing Voices.

Common Edit contains the settings that apply to all Elements and Drum Keys.

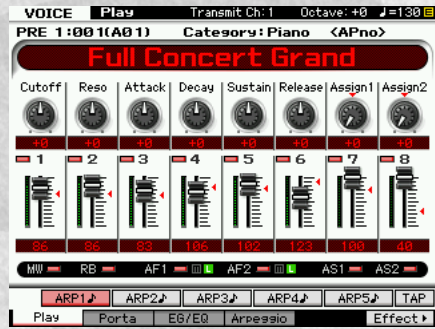Element Edit contains the settings for each individual Element of a Normal Voice.

Key Edit contains the settings for the individual Drum Keys of a Drum Voice.

VOICE PLAY AND VOICE EDIT DISPLAYS

After entering the Voice mode, the Voice Play display is active.

Here the following functions are available:
• F1 – Play
• F2 – Porta
• F3 – EG/EQ
• F4 – Arpeggio

In the Voice Play display the PROGRAM button is activated by default. In this case the selection of Voices can be done using the Bank/Group/Number buttons. However, if the TRACK button is activated the Number buttons 1 - 16 are used to set the MIDI Transmit Channel. Activate the PROGRAM button to go back to the Voice selection mode.

PERFORMANCE CONTROL + MUTE + SOLO can not be used as long as the TRACK button is activated.

After switching to the Voice Edit display (by pressing the EDIT key) the Common Part is selected by pressing the COMMON EDIT button while the Elements 1 - 8 are selected by pressing the corresponding Number buttons 1 - 8. The TRACK button is initially activated automatically, even if the PROGRAM button was active in the Voice Play display.

When the MUTE button is activated, the Number buttons can be used to mute the corresponding Element 1 - 8.

When the SOLO button is activated, an Element can be selected for separate monitoring.

The buttons PROGRAM and PERFORMANCE CONTROL can not be used.

In Voice Edit display various functions are available for COMMON EDIT and ELEMENT EDIT, which will be discussed later.
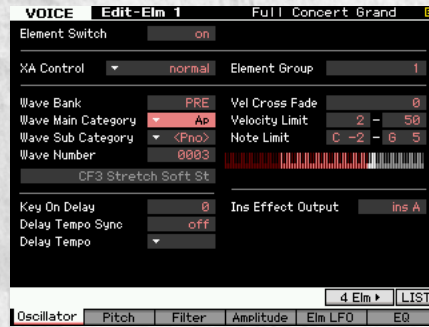
THE VOICE BANKS AT A GLANCE

Prior to an intensive examination of the editing possibilities for Voices you should first get an overview of the available content.

The current top model MOTIF XF features twelve Normal Voice Banks with 128 Voices each, which can be selected using the BANK buttons within the VOICE mode:
• Preset 1 to 8
• User 1 to User 4

The Preset Voice Banks of the MOTIF XF are continuously sorted by Categories as follows:
• PRE1 = Piano, Key, Organ
• PRE2 = Organ, Cperc, Guitar,
• PRE3 = Guitar, Bass
• PRE4 = Strng, Brass
• PRE5 = Brass, SaxWW, SynLd, Pads
• PRE6 = Pads, SyComp, S.EFX,
• PRE7 = SyComp, S.EFX, M.EFX,
• PRE8 = M.EFX, Ethnic, Dr/Pc, Mega Guitar, Mega Bass, Vocoder

To ensure full compatibility with its predecessor MOTIF XS, the Preset Voice Banks 1 - 8 were adopted unchanged.

The User Voice Bank 1 contains 128 new Voices that are based on the new Waveforms and Arpeggios of the MOTIF XF.

The User Voice Bank 1 is thus the new Factory Bank of the MOTIF XF and should not be overwritten if possible, especially since the new factory Performances (USER 1) are mainly based on the new Voices of this Bank. Of course, the Bank is also sorted by sound Categories. Both instrument and synth Voices can be found there.

The User Voice Banks 2 - 4 only contain a „SHOWCASE" selection from the Voices of

the Preset Banks. These Banks are therefore best suited for your own creations or optional Voice Banks.

In addition to the Normal Voices the MOTIF XF features 64 Preset Drum Voices and 8 User Drum Voices. The Preset Drum Voices are identical to those of its predecessor, the MOTIF XS, while the User Drum Voices (USR 001 - 008) contain new Drum Kits based on the additional Waveforms of the MOTIF XF.

CATEGORY SEARCH AND FAVORITES

Instead of Banks you can also use the CATEGORY SEARCH function to select Voices.

If CATEGORY SEARCH is activated, the Categories are selected with the corresponding BANK buttons. When a Bank button is pressed, a sorted list of all Voices in that selected Category is shown in the display. To choose from that list, use the Dial or the Cursor buttons. There are some Sub-Categories in each Category to further refine the categorisation.

The FAVORITES function plays a special role within the Category Search system. The Favorites can be set from within the Category Search. Simply press F5 Set / Clear for marking the Voice that's highlighted in the list shown in the display as a „Favorite" Voice. All available Favorites are shown by pressing the function button F4 - when the Category Search function is active. From this list you can remove Voices from the Favorites by pressing F5 Set / Clear again.

The FAVORITE list is a system setting and is retained even after switching off the instrument, but will be deleted if another All file is loaded. You can prevent this by selecting the file type „all without system". For security reasons you should save your own FAVORITE liste in a separate All file.

By the way: The Favorite list can also be used in the Song and Pattern mode for selecting Voices - if CATEGORY SEARCH was activated previously.

VOICE EDIT – FIRST STEPS

In Voice Edit screen, the Elements 1 - 8 can be selected with the Number buttons 1 - 8. The current Element selection is indicated by the lit LED in the corresponding Number button (1 - 8). The Elements used in a Voice are indicated by the LEDs of the Number buttons 9 - 16. These buttons can also be used to mute the Elements while the MUTE function is activated. Alternatively, with activated SOLO function, the Number buttons 9 - 16 select the Part (1 - 8) which is to be soloed.

Using Elements you can layer multiple sounds within a Voice.

As long as the COMMON EDIT button is not turned on while being in the Voice Edit display, the Element Edit mode is active.

In the COMMON EDIT mode global parameters such as Category, Voice Name, Volume, Arpeggiator, Effects, Control Sets, and Common LFO are available to be edited. If COMMON EDIT is activated, the functions for editing single Elements are deactivated.

If you want to program Voices by yourself or want to explore the impressive sonic resources offered by the extremely elaborately produced Wave-ROM of the MOTIF XF, you should first initialize a Voice and successively try all Preset Waveforms.

Before your start with programming your own Voices, you should initialize the Voice in order to start „from the scratch". To do so, select the JOB - Init - All Parameters (JOB -

F1- ENTER - YES - EXIT). This Job results in an „Initialized Voice".

In an „Initialized Voice" only the first Element (EL1) is active, ie set to „ON". The other Elements are all set to „OFF". Start with this setting.

To hear the sound unprocessed by the Effects system, you should consider to set the Effects on bypass (EFFECT ON / OFF).

In an initialized Voice Element 1 plays the Waveform No. 1 (CF3 Stretch St Sw), a piano sample.

Press EDIT.

Use the parameter Wave Number in the Oscillator display (F1) to consecutively select and try all Preset Waveforms.

These are the multisamples or samples available in the MOTIF. Multisamples are mainly used for instruments and synth waves, ie a Waveform consists of several samples that are mapped to certain keys of the keyboard in order to make the sound more balanced. Sound effects or drum sounds usually use only one single sample for a Waveform.

Use the parameter Wave Main Category to select specific Waveform Categories.

While listening to the Waveforms you will very soon recognize that most multisamples only become a „real" sound, when they are combined with other Waveforms, or at least after they were processed by Filters, Envelopes, and Effects.

However, the synthesizer Waveforms (from no. 1,315) are often big enough to create fat and impressive sounds with only one Element.

VOICE COMMON EDIT – AN OVERVIEW

As described above, from within the Voice mode the EDIT button calls up the Common Edit mode. Common parameters, that have influence on the sound, will process all eight Elements. Further navigation is done using the Function buttons below the display. The main Function buttons F1 through F6 each have their own sets of Sub Functions, which are accessible using the Sub-Function buttons SF1 - 6.

Use F1 „General" to reach the first major sub-menu „Name", where you can edit the name and Category assignment of the Voice. To enter text in the selected field, press the button SF6 - „CHAR". The navigation within the text input is then assigned to the Function buttons or the Dial and all buttons below the Dial. SF2 - „Play Mode" brings you to important parameters such as Volume, Pan, Octave setting, and more.

The menus behind F2 and F3 combine all parameters which are relevant for the Arpeggiator of the Voice. The Sub-Function buttons are consistently assigned to the ARP-variants 1 - 5. A section in the lower third of the display, which is accessed via F2, separates between the parameters that are related to the Voice and the Arpeggioassociated settings. The parameter „Switch" in the upper area activates the Arpeggiator for the Voice. Other parameters determine the response of the ARPs on the played notes and define keyboard ranges. The Tempo and three other parameters are equally applied to all five ARP-variants. In the lower area the „ARP Type" is defined for each of the five variants. The parameters called up with F3 can be set and stored for each of the ARPvariants, too.

The button F4 calls up an important area for the discerning Voice programming. Here the

numerous controllers of the MOTIF series - like ASSIGNABLE FUNCTION, MODULATION WHEEL, etc. - are assigned to a parameter. Up to six sources are available for a myriad of target parameters, enabling you to render a extremely vivid performance with the Voice. The Presets also provide numerous examples of meaningful controller assignments.

F5 opens the display for the „Com LFO", which takes influence on the entire Voice

(Common). The parameter set of Common LFO is very extensive. You can also program your own LFO Waves. In addition, however, there is also a less complex LFO available for each Element of the Voice. And you can assign LFO parameters to controllers to create very effective and useful Voice modulations.

The high-quality Effects play a central role in the MOTIF. The Effect unit can be programmed in the Common Edit mode via the F6 button. A block diagram (SF 1 - „Connect") informs you about the signal flow through the Insert and System Effects.
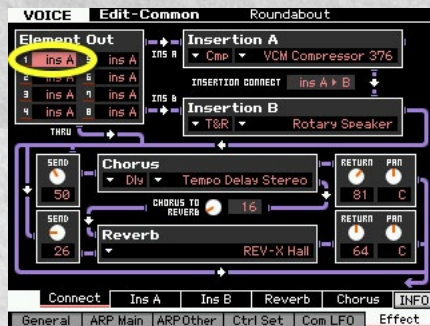
In fact, here is an exception for the Common area, because you are able to set the assignment to the Insert paths for each Element of the Voice directly from this menu (see marking). The other Sub-Function buttons 2 - 4 are offering the parameter sets of the System and Insert Effects. We will discuss the Effects in detail in a later episode. For now only so much: Since the System Effects are only available once for the Voice, Performance, and Mixing mode you should use Insert effects for those effects that have a critical sonic impact on the Voice. Otherwise significant differences in sound will occur, if the Voice is used in another than the Voice mode.

VOICE EDIT – ELEMENT

With a push on one of the buttons 1 - 8 (Part Select) you can directly switch from the Common Edit mode to the Element Edit mode. Again, the five Function buttons are used to enter several menus including their sub-functions - for each Element.

The page F1 „Oscillator" includes the main switch of the Element (on / off) and the access the basic parts of the sound generation. You can select the Waveform and a keyboard and

velocity range here. The assignment to the Insert Effect - as described above for the Effect Block - can also be set here.

F2 „pitch" has everything to do with the tuning of the Element. The pitch can be coarsely set in 48 semitones and fine-tuned - divided into 63 „cents" -, both up and down. SF2 features the Pitch EG (envelope for the pitch).

The Filter - F3 - is one of the key tools for sound processing. If you want to get a feel for it, you should select one of the synth Waveforms (from no. 1,315) to make some experiments. In a first step you should disable the Effects and try the parameters „Cutoff" and „Resonance/Width" by making gradual changes, and experience the bandwidth that can be achieved with only one Element. A graphical representation of the Filter Curve visually supports the result that's to be expected.
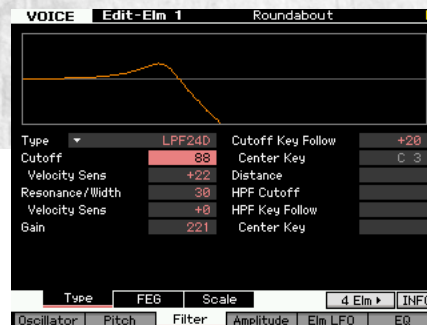

Many different Filter Types (Type) with some very special character expand the potential of sound processing. The Filter also features its own envelope generator (SF3 - FEG) with which the filter's effect can be influenced over time. For example, string instruments lose harmonic content in their decay phase. This can be simulated using the Filter Envelope. The last Sub-Function buttons opens the „Scale" menu, in which the effect of the Filter can be adjusted in relation to the keyboard range.

The next Function button F4 in the Voice Edit mode contains the Amplitude parameters. Here you are able to set the Volume of the Element, its adaption in relation to the keyboard range (Scale), the velocity settings, and the amplite envelope (AEG). The envelopes for Amplitude, Filter, and Pitch have the same basic structure - apart from some slight differences. Once you are familiar with this principle, you can master them in all areas. In addition, the graphical rendition of the envelope also supports the WYSIWYG principle (what you see is what you get).
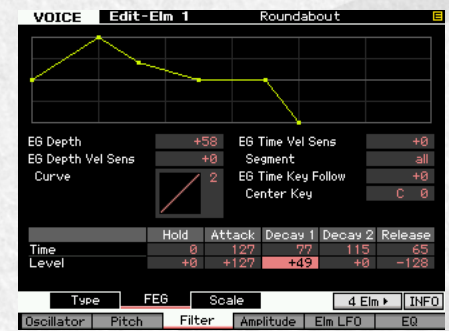
F5 is assigned to the aforementioned Element LFO, F6 gives access to the Element EQ. Different EQ types with appropriate parameter sets allow a sound adjustment on Element-level, the smallest unit of sound generation. Separately programmable equalizers are often very helpful, especially when you are using several similar-sounding Elements within a Voice (as a Layer).

Use the Sub-Function button SF5 (4 Elm / 1 Elm) to toggle between the full-page view of parameters for a single Element and a list view of parameters for four Elements. This list view can provide a better overview to compare the Elements to each other. You can also comfortably change specific parameters for several Elements. With the rapid selection of Elements by using the Part Select buttons 1 - 8 and using the buttons and dial for data entry you can significantly reduce the time for setting parameters.
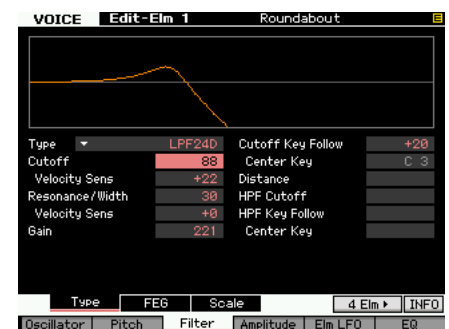
The Info button SF6 gives a quick overview of the most important informations on a Voice. These include, for example, storage location, name, number of Elements, and what Effects are used.

MEGA-VOICE-TECHNOLOGIE

The Mega Voice technology developed by Yamaha enables you to play ultra-realistic sounds thanks to an extremely complex multi-

sampling. Each Mega Voice consists of multiple multi-samples or Elements which heavily use velocity switches and key splits. The Mega Voices accommodate different playing styles and noises of the sampled instruments such as dead notes, hammer-on effects, ghost notes and strummings.

On the MOTIF XS the Mega Voices focus to acoustic guitars, electric guitars and basses. The Mega Voice technology was first implemented in the Yamaha Tyros.

Due to the complex structure of key and velocity limits Mega Voices are very difficult to play manually. Therefore special Arpeggio Patterns have been programmed to control the Mega Voices.

The Mega Voices are stored in the Preset Voice Bank 8 (081 to 124).

Examine the velocity zones and key splits to get an idea of the structure of the Mega Voices.

Use the Sub-Function buttons SF1 - SF5 to trigger the five Arpeggios that are assigned to the Voice.

COMING ATTRACTIONS

So much for the basic functions in the Voice mode. In the next episode we will take a very close look at a particular aspect of the MOTIF Voices, namely the Expanded Articulation.

THE AUTHORS

Peter Krischker

Works for Yamaha since 1991 as a sound designer and synthesizer specialist, he also runs his own sound distribution EASY SOUNDS..

pkrischker@t-online.de

www.easysounds.de

Hans-Peter Henkel (alias hape13)

Keyboardist in several bands since 32 years. Is also involved as a mentor at the Yamaha Synthforum and author for the Music Production Guide.

hp@hape13.de

www.hape13.de

JOHN MELAS TOOLS FOR YAMAHA MX49/MX61 AND DTX700

MX49/MX61 TOOLS

For some years now the greek software developer John Melas is programming valueable tools for Yamaha's current line-up of synthesizers.

For some years now the greek software developer John Melas is programming valueable tools for Yamaha's current line-up of synthesizers. It was in the first edition of the Music Production Guides (then called „MOTIF News Guide") in November 2006 that we introduced the „MOTIF ES Total Librarian", a software to easily organise Voices, Performances, and Masters. It's been an outstanding feature from the beginning of this continiously updated software to be able to load and convert files of several different synths. Most recently a conversion of MOTIF-XS-Voices to the MOX6/MOX8 format was implemented.

You can find an article about John Melas Total Librarian in the edition 2011/09 of the Music Production Guide (page 6).
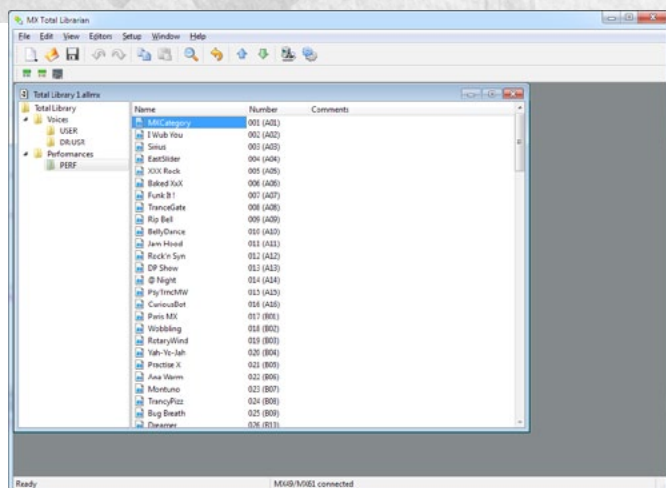
The MX Librarian Window

While the Total Librarian has a superior function as a sound organisation tool, there are some editors for the detailed sounddesign available. These are the Voice Editor, the Drum Kit Editor, the Performance Editor, and the Mix Editor. These tools are bundled into a „Complete Pack". The actual contents of an synthesizers „Complete Pack" then depend on the features of that synth.

For the MOTIF XS / XF the additional Waveform Editor is available to help organise and edit the User Waveforms and Samples. The features of the newest version will be discussed in one of our next editions.

Now John Melas has teamed up with Yamaha Music Europe to program an editor software for the all new synthesizers MX49/MX61.

You might know that you can't edit a Voice from the MX panel in its every detail (Element edit). But John Melas found a way to do so with his MX Voice Editor. Using his software you have access to every parameter of a Voice, enabling a sound design that is nearly identical to that of the top synths MOTIF XS / XF. MX users or will-be-users are allowed to cheer and give John Melas a pat on the back at the Musikmesse Frankfurt!
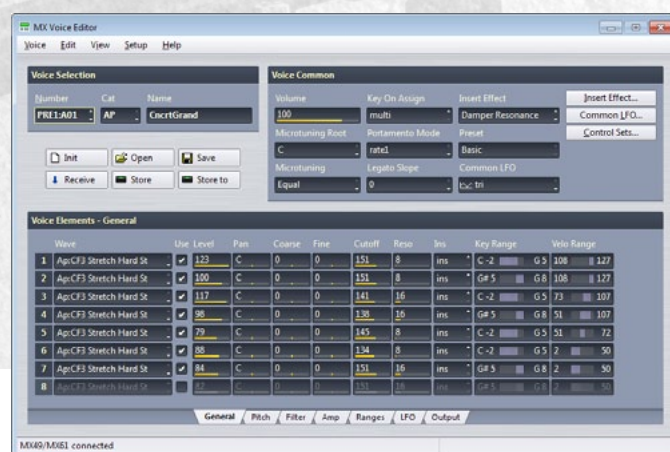
The MX Voice Editor

But that's not all - John Melas has gone further: Using the MX Total Librarian you will be able to import files from the MOTIF XF, MOTIF XS, MOTIF-RACK XS, S90 XS, and MOX and convert them into the MX format! So you can use all MOTIF soundlibaries for the MX series - as long as they don't use Samples.

From these features alone it is liable to state that every ambitioned user of the MX should buy the John Melas Tools!
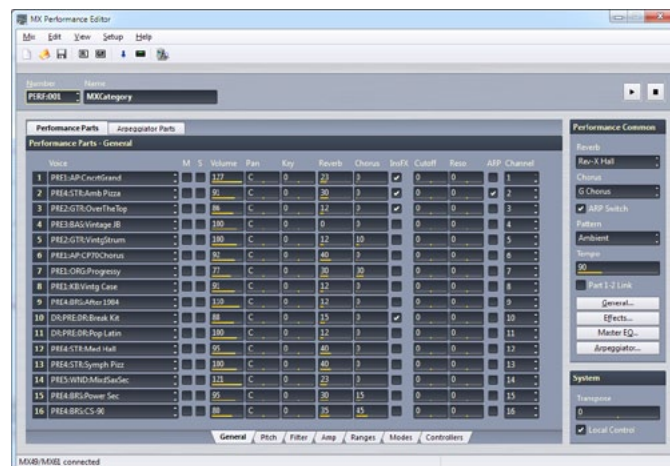
*The MX Performance Editor*

DTX700 TOOLS

For the first time John Melas programmed a software for Yamaha's electronic drums. Using the DTX700 Librarian you can organise the DTX700's Drum Kits, while the DTX Editor can be used to edit all parameters of each Drum Kit, including the assignment of Waveforms (Samples).
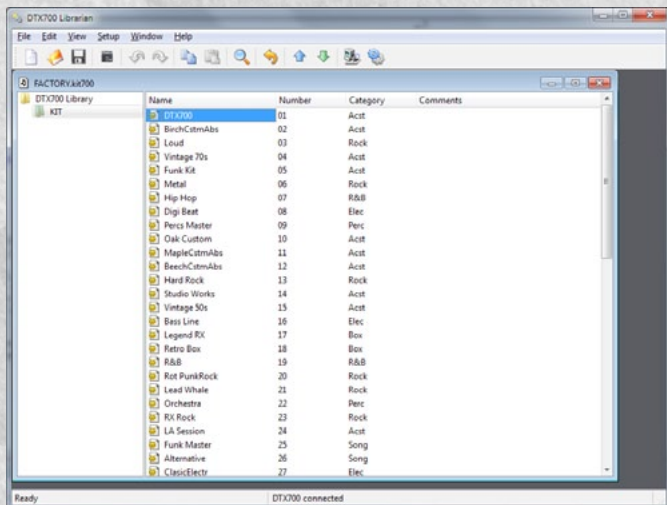
The Library window of the DTX700 Librarian

Drum Voice Editing
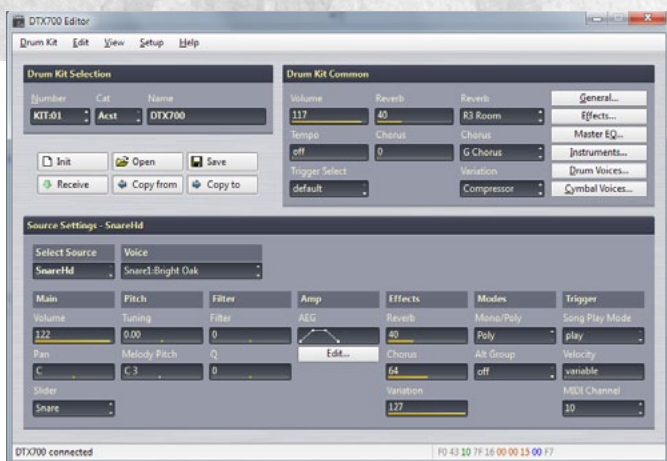
Drum Kit Selection and Drum Kit Common

.Here's an overview of the features of the new John Melas Tools:

The MX Tools consist of four programs:

MX TOTAL LIBRARIAN:

MX Total Librarian:

This allows you to organise all your MX patches (128 User Voices, 8 User Drum Kits and 128 User Performances) in a comfortable and powerful enviroment. You can reorder the patches easily via drag and drop, you can rename them, receive them or send them to the synth, copy them to other files etc.

The Librarian has a very powerful „dependency tracking" feature: when you reorder the User Voices or the User Drum Kits of a Library, all Performances that are using the Voices or Drum Kits are updated to point to the new patch locations so you always have a consistent library! Also when you copy a Performance to a new file the User Voices or User Drum Kits it may use are copied too!

Another great feature of the MX Total Librarian is that it is able to import all XS series files MOTIF XF (X3A), MOTIF XS (X0A), MOTIF-RACK XS (X1E), S90 XS (X2A) and MOX (X4A) files and convert them to MX format!

Also all other XS series Total Librarian versions will be updated soon to be able to import MX (X5A) files!

MX VOICE EDITOR:

Allows full editing of User Voices elements, filters, LFO, effects etc.

MX DRUM KIT EDITOR:

Allows full editing of an MX Drum Kit common and key parameters.

MX PERFORMANCE EDITOR:

Full editing of the 16 parts of a Performance as well as Arpeggio parts, Effects, Master EQ etc.

All Editors support full editing even of parameters that are inaccessible from the MX instrument itself

DTX700 Tools consist of two programs:

DTX700 LIBRARIAN:

This is a tool that allows you to manage your DTX700 drum kits. You can request them from the module, reorder them easily via drag and drop, change their name or category, save them for backup reasons and of course send them back to the module!

DTX EDITOR:

This allows you to edit every parameter of a Drum Kit: You can assign voices, waveforms or songs to a trigger source, you can assign instuments to an entire pad, you can edit Effects Parameters EQ settings, etc. Furthermore you can also edit the system parameters of the DTX700 module like Triggers, Click Settings, Master EQ, etc.

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John Melas website:

www.jmelas.gr/

John Melas

YAMAHA DTX500 TIPS & BASICS PART 2 PLAYING THE BFD ECO WITH YOUR DTX500

All drummers who have recently purchased a DTX drum kit from the DTX500-series have received the great free drum-plug-in BFD Eco as a bonus. Since the DTX500 has a standard MIDI-Out port some drummers have been asking me how to connect a DTX500 to a computer and using the plugin. So I thought this would be a great topic for a workshop - this workshop.

First install BFD Eco. The guide can be found in the readme file in the BFD installation package.

So if I want to connect the DTX500 to a computer a USB-MIDI adapter is needed, such as the Yamaha UX16 USB MIDI Interface, which I will use for this workshop (Bild UX16). You can purchase or order such a UX16 from your dealer.

However, if you already have an Audio/MIDI-interface with standard MIDI ports you won't need this adapter.

After having installed BFD Eco and your UX16 or other MIDI interface, make the following settings:

CONNECT YOUR DTX500 TO THE MIDI INTERFACE

SPlug the MIDI IN connector of the UX16 MIDI interface adapter into the MIDI Out port of your DTX500.

Then connect the UX16's USB cable to your computer. When the cable is connected to the computer, a small red LED lights in the little box of the cable to indicate the correct connection.

Now start BFD Eco.

Every electronic drum kit has a different MIDI assignment of its Pads. This MIDI assignment is called a MIDI Map. This Map assigns each pad and each trigger input to produce a certain MIDI note. So, if you want BFD Eco to play a snare sound when you hit the snare pad on your e-drum kit, you have to load the correct MIDI Map to set BFD Eco to „understand" your drum kit. We have created such MIDI Maps for the DTX500, 700, and 900 series - you simply have to load the correct Map in BFD Eco.

SELECTING THE MIDI MAP

Click on the check box (see screenshot) and then on the long button. Select the appropriate MIDI Map, in my case I choose the Yamaha DTX 500.

SELECTING A DRUMKIT IN BFD ECO

Once you have selected the Map, click on the Kit button in the top left corner of the screen and then select the drum kit that you want to play with your DTX500 from the list in the top right corner.

It may take a moment for BFD Eco to load the kit, because BFD has to load the samples (the sounds) from you computer's hard drive. If you now for example hit the snare pad, the snare channel in BFD Eco plugin should flash.

Important: Of course, you can only hear a sound from BFD Eco when the computer's audio output is connected to a monitor sound system or if you use headphones with your computer.

HAVE FUN

I can only recommend you to try all the BFD kits. You can also change a number of settings. For instance you can change the mix of your own personal drum kit. When you click on a channel button, you will have a lot of other settings such as EQ, effects, compressors, etc. at your hands.

CONCLUSION

A really great plug-in is waiting for you. Take advantage of new sounds with your electronic drum kit and try it all out. Also a drummer should make himself comfortable with various effects. For instance different compressor settings are very important for drums.

But most important: Have fun with BFD Eco!

Your DTX expert

Ralf Mersch

MUSIC PRODUCTION GUIDES – ALLE AUSGABEN ONLINE ZUGÄNGLICH

On the last page of the Music Production Guide a link can be found to download a zip-file containing all previous editions (in the Box „Music Production Guide History").

In addition, we now offer all readers the opportunity to access all previous issues online. So the Guides archive is available from everywhere you've got connection to the internet.

After entering the access data, simply click on the relevant issue in order to open it for reading.

The link to the German editions:

http://easysounds.macbay.de/MusicProductionGuides_DE

The link to the English editions:

http://easysounds.macbay.de/MusicProductionGuides_EN

Login:

Name: musicpro

Password: guide

cool webinars

COOL WEBINARS - THE NAME SAYS IT ALL

„Professional Seminars for Yamaha synthesizers and workstations - ....

... would be nice if they would be offered regularly."

I have heard that exclamation more than once in recent years. And there is brand new information now!

Modern seminars have (not only) got a new name: Webinars! These are seminars that are held over the Internet. The corresponding technology is so sophisticated now that they can actually be used for teaching how to work with complex instruments and related software. It is not that such special topics are offered in a regular adult education school „around the corner". A classical seminar therefore often includes cost factors like for example travel, accommodation, conference rooms, catering. Not one of these mentioned factors apply for a webinar. Participants and organizers do not even have to leave the house. As a result, these events are already starting to pay off from 30 minutes upwards, which brings additional benefits. Current synthesizers and workstations offer a very wide range of possibilities. Each user focusses on its own priorities. Based on the description of the webinar's content potential participants can easily decide, whether the topic is of interest to him. And if they feel whether their level of knowledge is sufficient to actively participate and to benefit accordingly from the webinar.

I hope that I sparked interest in that topic. In cooperation and with the kind support of Yamaha Music Europe the webinars for Yamaha synthesizers and workstations are currently being offered for the instruments MOTIF XS / XF, S70/90 XS, and MOX 6/8. The content is taught using a theoretical introductory presentation and then presented in practice. Participants can interactively pose questions via chat. Both cross-cutting issues that apply to multiple instruments in the same way, as well as content tailored to a particular instrument are to be taught. At sufficiently high interest webinars can also be conceived from participant wishes. Periodically, there will be a free event (about 15 minutes) to demonstrate the webinar technology in this context. In addition to the webinars we are offering other congeneric services. All webinars and services are available in German and English.

Are you interested?

We appreciate your visit to our website www.cool-webinars.com where you can find more information and detailed descriptions. Also, your suggestions are very welcome. If you have appropriate expertise and can imagine yourself in a role as a presenter/trainer, don't hesitate to contact us. Our virtual classroom is available for this purpose, too.

With „cool-webinar" regards

Yours Hans-Peter Henkel (alias hape13)

Cool Webinars Website:

www.cool-webinars.com

YAMAHA GOODIE: MX49/MX61 PERFORMANCE KIT

With the „Performance Kit" there is free additional, yet high-quality content available for MX49/MX61 users. It was produced by Yamaha Music Europe in cooperation with EASY SOUNDS and consists of the following components:

- *MX49/MX61 Performance Library*
- *WAV pool with about 200 WAV files totaling 93 MB (drum loops, vocal and vocoder phrases, sound effects, and atmospheres)*
- *MIDI loops & arpeggios*

To register for this free goodie simply write an e-mail with the keyword „MX49/MX61 Performance Kit" to:

   mxgoodies@easysounds.de

As soon as the registration process is complete you will receive an e-mail from EASY SOUNDS with a password and a link where the file can be downloaded.

NEW YAMAHA GOODIE:
MOX „SOUND & GROOVE KIT"

The free MOX „Sound & Groove Kit" is available for all registered users of the MOX.

This soundset includes an „Electronic & Dance" soundlibrary featuring 128 Voices - a selection of the best synth-sounds from the EASY SOUNDS soundlibraries for the MOTIF series.

In addition, the package includes a WAV loop pool with drums, synths, vocals, sound effects and atmospheres for Cubase AI and other DAWs.

Registration for this goodie is done by writing an informal e-mail with the keyword „MOX" to this e-mail address:

motifnews@easysounds.de

EASY SOUNDS SOUNDSETS FOR MOX

The popular MOTIF soundlibrary from EASY SOUNDS will be available shortly in the MOX format.

The following products are in preparation:
- *Yamaha MOX „Xtasyn"*
- *Yamaha MOX „Synth Xtreme"*
- *Yamaha MOX „Magical Pads"*
- *Yamaha MOX „Stage & Studio"*
- *Yamaha MOX „Phat Analog"*
- *Yamaha MOX „Organ Session"*
- *Yamaha MOX „Hypnotic Stepz"*
- *Yamaha MOX „Chill Xperience"*
- *Yamaha MOX „Mystic Spheres"*
- *Yamaha MOX „Dance Xpanded"*

YAMAHA CP 1 ARTIST PERFORMANCES

A free soundset available in excellent quality is abvailable for every CP1 user

A total of 64 Performances were programmed by renowned sound designers Johannes Waehneldt and Peter Jung on behalf of Yamaha Music Europe.

The soundset can be requested by sending an e-mail to

motifnews@easysounds.de

containing the keyword „CP1 Artist".

You will receive an e-mail from EASY SOUNDS containing a link where the file can be downloaded.

In addition you are automatically registered for the free subscription of the Music Production Guide.

MOTIF XF
FLASH MEMORY
CONTENT

Yamaha is working with third party software vendors to offer an extensive amount of free and optional Flash Memory content for registered MOTIF XF users.

The flash memory content package „Inspiration In A Flash" make a perfect first stock for a sample-library of up to 2 GB for the non-volatile Flash Memory of the MOTIF XF. This content package contains three new User Voice Banks, 353 User Waveforms, 458 MB of Samples and 12 User Drum Kits. It focusses on the sound categories piano, organ, brass & reeds, pads, synths, oriental instruments and drums.

These Voice Banks can be individually loaded into the volatile SDRAM of the MOTIF XF, if no Flash Memory Module is installed.

The „Symphonic Orchestra Library" features 128 User Voices, 34 User Waveforms and 336 MB Samples (979 Keybanks).

The orchestra library produced by Prof. Dr. Peter Jung (Duisburg-Essen, Germany) is based on recordings that were created over the past five years with the participation of two well-known Central European symphony orchestras.

The recorded sounds are very lively and authentic. Some feature delicate impressions of „disturbances" that are typical for strings, such as the sound of slightly hitting the instrument body with the bow. All recordings were digitally processed on PCs, collaborating with well-known sound designers.

In addition to the orchestra sounds the Voice bank also contains sounds of categories like Electric Organ, Pipe Organ, Acoustic Piano, and Electric Piano.

To be able to load the complete All-file a Flash Expansion Memory Module (512 MB or 1 GB) is required. Single Voices can also be loaded into the SDRAM memory of the MOTIF XF (volatile sample memory).

This free content for the MOTIF XF can be requested by sending an e-mail containing the keywords „MOTIF XF Inspiration & Symphonic" to:

motifnews@easysounds.de

The MOTIF XF user will receive an e-mail from EASY SOUNDS with a password and a link where the file can be downloaded. In addition you are automatically registered for the free Music Production Guide.

MOTIF XS:
EUROPEAN LOYALTY PROGRAM AND
ORIENTAL SOUNDSET

The „European Loyalty Program" offers MOTIF XS users free additional but nonetheless high-class content.

It is mainly a premium Voice and sample library produced by EASY SOUNDS in collaboration with Yamaha Music Europe which contains the following:

- *The 3-layers Yamaha S700 stereo piano (32 MB compressed)*
- *„Sweet Voices" and new choir and scatvoices from the Yamaha Tyros*
- *Best-of compilations of optional soundsets from EASY SOUNDS*
- *A WAV pool containing 200 WAV files with 93 MB in total*

The MOTIF XS soundset „Oriental Instruments & Percussion" was produced by turkish musicians and contains the following:

- *36 Performances*
- *128 Voices*
- *9 User Drum Voices*
- *113 User Waveforms / 84 MB Samples of oriental instruments*
- *6 Turkish Authentic Micro Tunings*

„Oriental Instruments" is developed for the use in both traditional and modern turkish music and is based on authentic samples of oriental musical instruments. Nonetheless these special oriental instruments can be used in music styles like pop, world, chill out, ambient and whatever you can imagine.

To register for the Loyalty program and the Oriental Soundset simply write an e-mail with the keyword „MOTIF XS Goodies" to:

   motifnews@easysounds.de

As soon as the registration process is complete the MOTIF XS user will receive an e-mail from EASY SOUNDS with a password and a link where the file can be downloaded. In addition you are automatically registered for the free Music Production Guide.

S90 XS / S70 XS:
SOUNDPACKAGE

A free „Soundpackage" with additional high-class content is available for S90 XS / S70 XS users.

This Soundpackage is produced by EASY SOUNDS under contract to Yamaha Music Europe and contains the following:

- *Soundset „Pop & Dance" - 128 professional Voices from the EASY SOUNDS library*
- *Soundset „Vocoder Dreamz" containing 40 Vocoder-Voices*
- *The WAV pool contains 200 WAV files with a total size of 93 MB*

This free soundpackage can be requested by sending an e-mail containing the keyword „S90 XS / S70 XS Soundpackage" to:

   motifnews@easysounds.de

You will receive an e-mail from EASY SOUNDS with a password and a link where the file can be downloaded. In addition you are automatically registered for the free Music Production Guide.

MOTIF-RACK XS:
SOUND & INFOPACKAGE

MOTIF-RACK XS users can obtain the free „Sound & Infopackage" that's produced by EASY SOUNDS under contract to Yamaha Music Europe.

The software package contains a Soundset (128 Voices), a WAV pool with 200 loops and audio-phrases, a demo song, and a comprehensive guide plus tips & tricks.

This free soundpackage can be requested by sending an e-mail containing the keyword „MOTIF-RACK XS Sound & Infopackage" to:

  motifnews@easysounds.de

You will receive an e-mail from EASY SOUNDS with a password and a link where the file can be downloaded. In addition you are automatically registered for the free Music Production Guide.

S90 ES, MOTIF-RACK ES, MO6/MO8:
SOUND & INFOPACKAGE

Users of the MO6 / MO8, S90 ES, and MOTIF-RACK ES can obtain a free Sound & Infopackage that's produced by EASY SOUNDS under contract to Yamaha Music Europe.

This includes the soundset „Pop Xpanded" with 192 profesional live- and arpeggio-sounds. Furthermore a comprehensive documentation and other useful files are included.

This free soundpackage can be requested by sending an e-mail containing the keyword „Pop Xpanded" to:

  motifnews@easysounds.de

You will receive an e-mail from EASY SOUNDS with a password and a link where the file can be downloaded. In addition you are automatically registered for the free Music Production Guide.

TENORI-ON:
EUROPEAN VOICE & SAMPLEBANK

Yamaha Music Europe and EASY SOUNDS provide their free soundlibrary „European Voice & Samplebank" to all Tenori-On users.

The downloadable file (48 MB) contains the following:

  • *18 Tenori-On User Voices (Samplings)*

  • *4 Tenori-On Demos (AllBlock-Files)*

  • *268 Samples in WAV-Format (19 MB)*

  • *Comprehensive PDF documentation*

This free sound library can be requested by sending an e-mail containing the keyword „Tenori-On European" to:

  motifnews@easysounds.de

You will receive an e-mail from EASY SOUNDS with a password and a link where the file can be downloaded. In addition you are automatically registered for the free Music Production Guide.

FREE DRUM KITS
FOR DTX900 & DTXTREMEIII

Yamaha offers free content for DTX900K, DTX950K, and DTXTREMEIII.

There are five content packages available for downloading:

- *Extra Content 1 - Jazz Kit (4 Drum Kits)*
- *Extra Content 2 - Rock Kit (13 Drum Kits)*
- *Extra Content 3 - Electronic Kit (15 Drum Kits)*
- *Extra Content 4 - Vintage Kit (6 Drum Kits)*
- *Extra Content 5 - Oak Kit (6 Drum Kits)*

Altogether there are 44 Drum Kits (containing 150 MB samples) available.

For more information and the download links visit:

http://dtxdrums.yamaha.com

Go to the Downloads / Driver and Software section.

OCEAN WAY DRUMS DTXPANSION KIT

These three Drum Kits have been produced by Yamaha's sound designer Dave Polich and are based on the sample library from Ocean Way (Sonic Reality).

The Drum Kits feature a very complex programming containing multiple velocity layers. You can download the file at:

http://www.dtxperience.com/dtxpansion.php

FREE DRUM KITS
FOR THE DTX-MULTI 12

Yamaha provides 25 high quality Drum Kits (75 MB) for the DTX-MULTI 12 for free download.

It is the same content that has been available for some time now for DTX900K, DTX950K, and DTXTREMEIII.

Here's an overview of the available Kits, which are divided into two files:

File 1 = Acoustic Kits

- *Jazz Maple (5 variations)*
- *Oak X Single (5 variations)*
- *Vintage (5 variations)*
- *Rock Single (5 variations)*

File 2 = Electronic Kits

- *ClasscDance*
- *Classic RX*
- *Drum'n'Bass*
- *HipHop90bpm*
- *House 128bpm*

More information and download links can be found here:

http://download.yamaha.com

First select your country and then enter DTX-MULTI12 into the search form.

YAMAHA

DE.YAMAHA.COM

DTX-MULTI 12 SOUNDSET: „ORIENTAL PERCUSSION"

The DTX Electronic Percussion Pad MULTI-12 uses many of the high-end features and sounds from the DTX and MOTIF series and provides an optimum tool for live drumming, productions or rehearsals.

With over 1,200 high-class sounds - including newly-developed drum, percussion and keyboard sounds - the DTX-12 MULTI enriches any musical situation. Up to 200 User Sets can be programmed and added with effects to get ready for every conceivable musical style with the best sounds around. In addition, the large 64MB Flash-ROM Wave-Memory can be filled with additional samples which then can be assigned to the Pads.

Now the brand new soundset „Oriental Percussion" for the DTX-MULTI 12 is available for registered users. It is provided by EASY SOUNDS on behalf of Yamaha Music Europe - free of charge.

The download package includes the following:

- *50 Patterns*
- *24 Kits*
- *132 User Waves (18 MB Samples)*

The soundset has been designed primarily for traditional and modern Turkish music. It's based on authentic samples of oriental percussion instruments.

The oriental instruments are however well suited for use in other music styles such as Pop, World, Chill Out, Ambient, etc.

„Oriental Percussion" was programmed by the Turkish musician and producer Mert Topel.

Since 1990 Mert Topel is working as a musician with nationally and internationally known pop and rock stars such as Tarkan (1993-2008) and many others. Mert recorded several albums as a producer of jazz, fusion, rock bands, and singers like Kirac, Mor ve Otesi, Gülden Goksen, Grizu etc. He also has his own jazz-rock band „Fenomen", which published its first album in 2006 - with very good response from jazz lovers. Right now his band is working on a second album. Another project is a collaboration with Alper Maral in the production of an electro-acoustic-oriented album called „The Voltage Control Project", which appears in 2010.

The DTX-12 MULTI Patterns produced by Mert Topel should inspire the musician in the first place and serve as basis for his own music productions.

This free soundset can be requested by sending an e-mail containing the keyword „DTX-M12 Oriental" to:

motifnews@easysounds.de

The user will receive an e-mail from EASY SOUNDS with a password and a link where the file can be downloaded. In addition you are automatically registered for the free Music Production Guide.

FREE TUTORIAL DVD
FOR MOTIF XS / XF USERS

The free tutorial DVD „The World of MOTIF XS" (English language) is available for all registered european MOTIF XS and MOTIF XF users.

The DVD procures comprehensive instructions on how to use a MOTIF XS in a music production environment. The running time of over 3 hours covers deep insights in topics like interactive Arpeggios, live performances, sampling, recording sessions, Cubase AI and much more.

Although the instructions refer to the MOTIF XS, this DVD is of interest for MOTIF XF users, because the XS' operation is substantially the same concept.

To request this DVD simply write an e-mail to:

   musicproduction@yamaha.de

Please give your name, address, serial number of your MOTIF XS or MOTIF XF, and the keyword „The World of MOTIF XS" - even if you already are a registered MOTIF XS user.

Important note: This DVD can not be shipped outside Europe!

CUBASE AI TUTORIAL VIDEOS
FOR REGISTERED USERS

Thanks to the cooperation between Yamaha and Steinberg most of the recent instruments and mixing desks from the Yamaha Music Production range have the DAW software Cubase AI included – for those who do not own a DAW software yet this is one good reason more to buy from Yamaha. Even more Cubase AI is a music production tool with functions which were exclusive for high-end studios not very long time ago.

Even better: European customers buying a Yamaha Music Production instrument with included Cubase AI software are qualified to request a free English language tutorial CD from ASK Video containing 23 videos on how to use Cubase AI4.

The CD is English language only and only available as long stocks last. So better be quick – request your CD by sending an e-mail containing the serial number of your Yamaha instrument and your name and address to:
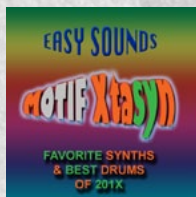
   musicproduction@yamaha.de

MOTIF XS users can order this CD in combination with the tutorial DVD „The World of MOTIF XS".

Important note: This CD-ROM can not be shipped outside Europe!

OPTIONAL SOUND SETS FOR MOTIF-SERIES / S-SERIES / MO

„XTASYN"

Up-to-date synth and drum sounds for dance, trance, pop, and electronic. Phat leads & synthcomps, pads, FX. Special attack Waveforms for punchy sounds

„HYPNOTIC STEPZ"

For users having a penchant for step-sequencers and analogue synth sounds. Synth sounds, drums and sequences are impressively combined
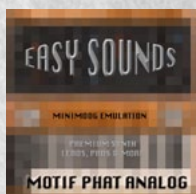
„FM XPANDED – VOL. 1: ELECTRIC PIANO & CLAVINET"

Sample-based FM sounds with very high dynamic and authenticity, which are heavily based on classic DX7 sounds, but also offer new and innovative creations

„MAGICAL PADS"

Provides warm, analogue pad sounds with huge atmosphere. Refined with sweeps, swells, synthbrasses, atmo-sounds, and musical sound effects

„PHAT ANALOG"

Synthleads, pads & more! Timeless Voice and sample library with a Minimoog emulation (Leadsynths) and JP-8 sounds. The ultimate analogue extension!

„MYSTIC SPHERES"

The ultimate Ambient + Electronic set. It contains atmospheres, pads, sound effects, spacy synth leads, trance sounds, vocal pads, and analogue vintage sounds

„CHILL XPERIENCE"

Soundset for Chill Out, Lounge, Ambient, New Age, Electronic, and related genres. These sounds offer a high level of musical inspiration

„VOCODER DREAMZ"

Combines vocoder Voices, vocal phrase kits, and drum loop kits. The vocal phrases and drum loops are controlled by User Arpeggios. Its speciality is the vocoder choirs

„DRUM PERFORMER"

Lavishly produced 'Real Drums' for extremely realistic sound; dry, fat and punchy. Extreme range of sounds achieved by different recording techniques

„ORGAN SESSION"

This set is an impressive emulation of the legendary Hammond B3. Smacky organ sounds with concise key click and controllable percussion. Perfect for Rock, Pop and Jazz

„STAGE & STUDIO"

The ultimate top 40 and live set! Contains the most important standard instruments and synth sounds for live musicians. Outstanding performance and power

GENERAL INFORMATION:

The above sound sets are available for the following devices:

- MOTIF XF, MOTIF XS, MOTIF ES, MOTIF-RACK XS, MOTIF-RACK ES, S90 XS, S70 XS, S90 ES, MO6, MO8
- The sound sets 'FM Xpanded', Drum Performer and 'Vocoder Dreamz' are available exclusively for MOTIF XS and MOTIF XF

„DANCE XPANDED"

Sounds for Dance, Trance, Electronic, Chill Out, Pop. The Voices include atmospheres, pads, leads, synth basses, chord synths, gated pads, and arpsounds

Each sound set contains 128 Voices. Depending on the device, additional content such as Performances, Samples, User Arpeggios, and WAV Loops are included. Further details can be found on www.easysounds.de

Price per soundset= 35,- EUR

The soundsets are available from:

EASY SOUNDS – Peter Krischker

vertrieb@easysounds.de

http://www.easysounds.de

„SYNTH XTREME"

Offers a vast range of fat, analogue synth sounds of the highest quality. Suitable for Trance, Electronic, Techno, and many other genres of trendy pop music

IMPRINT & FURTHER LINKS

IMPORTANT WEBSITES FOR MOTIF USERS

Official international Yamaha website for synthesizers including a comprehensive download section
http://www.yamahasynth.com/

Official website of Yamaha Music Europe GmbH
http://www.yamaha-europe.com

American MOTIF support website including message board + KEYFAX webshop + „XSpand Your World" downloads
http://www.motifator.com/

EASY SOUNDS website + webshop sounds and USB sticks for Yamaha synths
http://www.easysounds.de

John Melas MOTIF Site
Editor softwares for the MOTIF series
http://www.jmelas.gr/motif/

MUSIC PRODUCTION GUIDE HISTORY

You can download all English editions already published as one single ZIP file using this link to the EASY SOUNDS website:
http://www.easysounds.eu/NewsGuides.zip

The free Music Production Guide contains news, tips & tricks, software offers, and interviews on and around Yamaha synthesizers of the MOTIF series, S series, MO series, MM series, Tenori-On, and articles about recording, software, and Computer Music Instruments.

You can subscribe or unsubscribe to the free Music Production Guide by sending an informal e-mail to:

motifnews@easysounds.de