YAMAHA

CREATING 'KANDO' TOGETHER

MUSIC PRODUCTION SYNTHESIZER

MOTIF XF

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English

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Inspiration comes in a Flash.

A single musical motif can evolve to become a magnificent orchestration. The Yamaha MOTIF, an incredibly effective tool for musical creation, has evolved to offer greater expressiveness and functionality. Presenting the next generation MOTIF XF, with the power to inspire boundless creativity.









MOTIF XF

Soon after the original MOTIF was released in 2001 it was recognized as the best sounding, top selling and most requested music workstation on the market. Over time, it has continued to evolve and improve its expressiveness and functionality. At the same time, the online community of end users, sound programmers, software developers and product support specialists at www.motifator.com expanded into a vibrant online music production community. The MOTIF breathes new life into live performances with its expressive sounds and intuitive control.

In music creation, the MOTIF not only offers its own music creation capabilities, it also offers a system for integrating those capabilities with a variety of software applications. And now, the next generation "XF" builds on the decade long heritage of MOTIF, and with Flash memory expansion, provides groundbreaking capabilities that will set a new standard for keyboard workstations for years to come.



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01. Play and Perform

The Best Sounds Just Got Better



A high-quality collection of Voices, including powerful piano Voices provided from an enormous 741 MB of Waveforms



Voice Play (Main)

The MOTIF XF boasts a rich collection of instrument Voices that includes pianos, EPs, strings, wind instruments, orchestral sounds, guitars, basses, and drums, as well as a wide variety of vintage and modern synth sounds. Of special note are the detailed digital re-creations of two Yamaha grand pianos (a 9′ CFIII and a 7′ S6) that only an acoustic piano manufacturer could achieve. The reproduction in minute detail of even very subtle nuances results in exquisitely crafted piano Voices that will satisfy even the most demanding players.

New Waveforms have been added to the MOTIF XF, which now contains a huge total of 741 MB of Waveforms.

Starting with the S6 piano, the 136 newly-added Voices include keyboard sounds such as those of clavinets and organs as well as a wide range of new sounds from orchestral to hip-hop.

This huge internal wave memory ensures that the MOTIF XF is the best sounding and most versatile keyboard workstation right out of the box.



High-quality keyboards that enable high-level performance

The MOTIF XF6 and XF7 use high-quality FSX Keyboards with 61 and 76 keys, respectively. The MOTIF XF8 uses a BH (Balanced Hammer) Keyboard with 88 keys. The FSX Keyboard uses a newly-developed mechanism to provide a smooth touch that is both comfortable to play and responsive to your touch. It's easy to play fast passages, including glissandos and trills. It is also worth mentioning that the keys are very quiet.

The BH Keyboard is filled with the know-how and technology that Yamaha has developed producing full concert grand pianos and stage pianos. To make a keyboard with a piano touch that can still work comfortably with any Voice, we took a Graded Hammer Keyboard, which is a popular keyboard for electronic pianos, and adjusted it for use with a synthesizer: we balanced the keys to the same weight and made adjustments so that the synthesizer can support aftertouch and other features. While pursuing the real touch of a grand piano, we also provide a touch that is exceptionally suited to the performance of a multitude of synthesizer sounds.



88 keys BH (Balanced Hammer) Keyboard

Weighted keyboard action that matches for playing both piano and synth sound.

Sound engine that increases the expressiveness of instrument sounds

The tone generator that the MOTIF XF has inherited from the MOTIF XS makes an 8-Element-per-Voice structure possible. Combined with Yamaha's XA (Expanded Articulation), this 8-Element structure allows you to achieve stunningly accurate acoustic instruments including expressive articulations that up until now have been difficult to re-create in electronic instruments. For example, you can re-create the natural legato of wind instruments, the key release noises of pianos and other instruments, guitar slides and harmonics, and the many different articulations for string instruments (spicato, tremolo and pizzicato, etc.). The AF1 and AF2 buttons on the front panel make it easy to control Voices with multiple articulations.

For synthesizer sounds, the 18 different filter types, advanced 6-stage pitch, filter and amplitude envelopes, the unique Wave Cycle feature and assignable modulation Control Sets make the MOTIF capable of reproducing any synth sound from vintage to modern.The tone generator also supports half damper pedaling through the use of the separately sold FC3 foot pedal. Using half damper pedaling with the damper resonance effect, you can achieve an even more realistic and richer piano sound that simulates the sound board of a grand piano and responds naturally to sophisticated piano pedaling techniques.



8-elemet Structure



Voice Play (Controller)

Category Search feature that provides instant access to the sound you want

You can use the Category Search feature to quickly and easily select the Voices or Performances from the MOTIF XF's massive arsenal of sounds. All the Voices in the MOTIF are categorized by instruments and even have sub categories. So it's easy to select Category Search, choose the category strings, the sub-category ensemble and then see all the ensemble string Voices in your system. Even third party libraries are categorized using this elegant database system. Category Search is available wherever you want to select a Voice, so when you are looking for just the right sound in a Song, access Category Search and easily browse for that perfect fit for your mix.



Category Search (Voice mode)

In Performance Mode, Performances are sorted by musical genre, so you can quickly select the type of Performance that matches your moment of inspiration. The Favorites feature even lets you tag your favorites Voices and Performances so they are even easier to access.



Category Search Button

02. Create and Produce

Get Instant Inspiration & Lightning Fast Music Production Tools



Rich arpeggiator with over 7,000 patterns that expands the breadth of sound expression

You can use the arpeggiator to perform unique instrument phrases. By layering parts, you can give form to your composition ideas quickly.
The MOTIF XF excels in both arpeggio quantity and quality. In addition to typical arpeggio patterns, the MOTIF XF also features simulations of acoustic instrument performances through the combination of arpeggios and the keyboard MegaVoices and arpeggios in which synthesizer parameters, such as panning and filtering, are modulated in time MIDI clock. The MOTIF XF adds to the MOTIF XS's extensive library of arps and has an additional 1,248 synthesizer, drum, percussion, and ending arpeggios, for a total of 7,881 types of arpeggios.



Arpeggio Main



Arpeggio Other

Performance Mode that makes the instant expression of your ideas possible

In Performance Mode, you can layer up to 4 Voices, and you can split the keyboard into 4 Zones with different key ranges and velocity windows. Also, you can create



Performance Play (Main)



Performance Play (Arpeggiater)



Performance Record

music quickly by using the arpeggiator on the different Voices. The MOTIF XF interactive real time arpeggio engine lets you run 4 different arps simultaneously and switch between 5 different variations of arpeggio patterns in real time. It's incredibly musically interactive and many arps include chordal intelligence so they create different phrases depending on what chords are played on the keyboard.
Thanks to the Direct Performance Recording feature, which enables you to record Performances in real time to songs and patterns, you can quickly capture your song ideas sparked by the MOTIF Performances to a song or pattern for further editing and refining.

VCM effects that reproduce the unique, natural, warm sounds of vintage instruments

Yamaha's proprietary VCM (Virtual Circuitry Modeling) technology simulates the effects of vintage EQs, compressors, and phasers by modeling the 'texture' of these effect units at circuit level right down to the component transistors and resistors. With the MOTIF XF, the high-quality effects found in our industry standard digital recording consoles are at your fingertips. Also, the MOTIF XF is equipped with vocoder effects. By connecting a microphone to the MOTIF's A/D input terminal, you can apply effects to your voice or use your own voice to create harmonies. The MOTIF XF also includes the award-winning "REV-X" reverb, the same professionally renowned reverb found in the SPX2000.



VCM EQUALIZER 501



VCM COMPRESSOR



VCM FLANGER



VCM PEDAL WAH



VCM PHASER



VCM AUTO WAH

03. Customize and Make It Your Own



Up to 2 GB of additional content available through Flash Memory Expansion Modules

Two Flash Board slots accommodate two proprietary Yamaha Flash Memory Expansion Modules – a 512 MB board and a 1 GB board. With two 1 GB boards installed, you have a total of 2 GB of flash memory available to you. Because this is re-writable flash memory, once you've loaded a sample, it's always in your MOTIF until you decide to replace it with something else.
The samples could be some of the new MOTIF Voice libraries or they could be your own samples – the background vocals from your latest album that you need to take on the road, your favorite VST sound that you've converted to WAV format or even that coffee pot in your kitchen that you know will make a great snare sound. Wherever you get the samples, you can now "roll your own" customized 2 GB sample library.
Imagine the power of a fully customized MOTIF XF with 3 GB of sounds (internal, RAM and Flash) instantly available at your fingertips.

The MOTIF XF-specific third-party sample and Voice libraries can be purchased at Motifator.com, and Yamaha has made the "Inspiration In A Flash" 500 MB sample Voice library available for download at www.motifxf.com and www.easysounds.de.



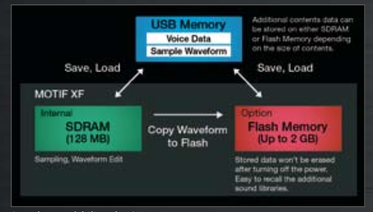
[Flash Memory Expansion Module]

FL1024M

Non-volatile memory keeps sample data even after turning off the power.

Improved sampling with 128 MB of internal SDRAM

The MOTIF XF has 128 MB of internal SDRAM. This means that you can sample external audio without installing separately purchased memory. Using the sampling feature, you can load sample Voice libraries, import WAV files or add vocals, guitars and other acoustic instruments to your MOTIF sequences.
You can connect a microphone to the A/D input and sample vocals. Also, if you select the slice feature during sampling, even if you change the tempo of songs and patterns, recorded audio will follow the beat with perfect synchronization. You can process your recorded samples in minute detail to produce just the right sound using a redesigned sample editing UI.



Sound Expandability of MOTIF XF

Integrated Sampling Sequencer features that provide advanced integration of audio and MIDI

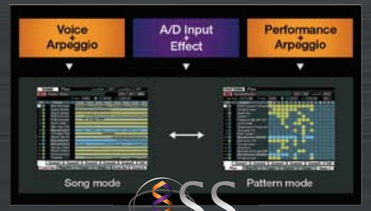
The MOTIF XF features an Integrated Sampling Sequencer which allows you to combine MIDI and audio samples (driven by MIDI events), so you can create complete songs including vocals, guitars and acoustic instruments all right inside the MOTIF XF. Because the MOTIF XF features 128 MB of onboard sampling RAM, you're able to take advantage of these powerful features right away without the need to purchase additional memory. The MOTIF XF sequencer also lets you work the way you prefer because it features two different sequence modes. There is a linear tape machine-style, 16-track Song sequencer for recording and punching in and out as you would on a tape machine-style DAW interface.



Sample Slice



Sample Edit



Integrated Sampling Sequencer

It also includes a 16-track Pattern sequencer that lets you work in loops and build up sections of your song (verse, chorus, bridge, etc.) and chain those sections together into complete song structures. You can easily move your production back and forth between Song and Pattern Modes depending on your needs. With the bundled Cubase AI software, you can even import completed Songs directly in Cubase including all the audio samples for further editing and mastering.

Integrated Sampling Sequencer

With the Integrated Sampling Sequencer, you can integrate audio (sampled) data and MIDI data seamlessly. WAV/AIFF loading is also supported. You can use the time slice feature to slice the sampled sounds that you load and control them in the same way that you would control MIDI data. For example, you can synchronize audio data to the same BPM as MIDI sequence data. Also, by setting the tempo, time signature, necessary number of measures, and number of beats beforehand, you can perform trimming smoothly and easily create perfect audio loops. Also, you can use a variety of editing commands to modify your samples. The MOTIF XF supports features such as time stretching, in which the sample length is changed while the pitch remains the same; pitch shifting, in which the pitch is changed while the length of the sample remains the same; and loop remixing which instantly creates new musical variations of looped grooves. In addition, there is a resampling feature that you can use to record the performance of the MOTIF XF as a single audio sample.

[Sample + Note]

Sample Voice

↓

Select the note to which you want to assign the recorded sample.

↓

MIDI data



This feature allows you to quickly and easily "fly in" samples to your song as you need them – for example, capturing short sound effects from a CD, or recording background vocal phrases with a microphone. Sounds like these can be added to the song as desired.

[Slice function]

Sample Voice

↓

Slice the Sample and assign the sliced sample to specified keys (notes) to create a Sample Voice.

↓

MIDI Data



The Slice feature lets you automatically divide the recorded sample into separate "slices". These slices are then assigned to successive notes and arranged as MIDI data. This lets you manipulate the component parts of your sample loops as MIDI data, and gives you the power to easily change tempo and even the rhythmic feel, without disturbing the pitch or sound quality.

Improved User Interface

An improved User Interface with many user requested features like Tap Tempo, Drum Editing in Mix Mode, and Auto Mapping of samples* plus a new customizable UI for selecting your choice of color and positioning of key displays. The MOTIF XF provides several design types of the LCD display for each mode. From these types, you can select the desired one according to the use scene including the music creation and live performance.

[Display Layout]



Normal



Detailed information of controller



Voice name displayed on the bottom



Detailed Information of controller voice name on buttom

[Display Color]



8 color variations are available

04. Connect and Expand with New Possibilities



Remote Control function and editor software

Features such as Remote Control (which you can use to remotely control the parameters of a DAW application on a PC from the MOTIF), various DAW templates, and simple setup features make the MOTIF XF easy to use. In particular, the integration between the MOTIF XF and Steinberg's Cubase 5 series is truly seamless. Using the Yamaha MOTIF XF Editor, you can make detailed Voice edits from your PC while checking them visually. Because the communication between the MOTIF and the editor is bi-directional, whether you're moving the knobs on the MOTIF or changing parameters with the mouse in the editor, the parameters are perfectly matched. There is even a VST3 editor for use in Cubase 5 (including AI) which lets you use your MOTIF as just like a VST soft synth.
If you install the optional FW16E FireWire expansion board, you can record 16 tracks of digital audio data to the DAW software through the FireWire audio interface. interface. After you install the necessary drivers (AI driver, extensions for Steinberg DAW), connect the MOTIF XF to a PC using an IEEE 1394 cable, and start Cubase AI, it identifies the MOTIF XF's audio I/O and multi sound source immediately, and all you have to do to start working is select a MOTIF XF project template.

Cubase AI, a DAW software application from Steinberg

The MOTIF XF comes with a special Yamaha version of the world-renowned DAW software Cubase. Cubase AI5 has the same engine as Cubase 5 but has been modified to integrate more efficiently with the MOTIF.


MOTIF XF6/7/8 Rear Panel


MOTIF XF6/7/8 Rear Panel



MOTIF XF Editor


Main Display


Voice Select


Voice Edit

CUBASE AI 5

Integrated Music Production System

steinberg
Creativity First


Cubase AI 5
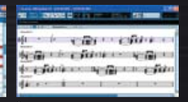
- Built on Steinberg Audio Engine
- 48 audio tracks and up to 64 MIDI tracks
- HALion ONE software sample player with selected MOTIF sounds
- Plug'n'play VST/MIDI setup with MOTIF XF Music Production Synthesizer
- Complete integration of Steinberg hardware products
- Studio Connections "Recall" as well as special product-specific functions for perfect software-hardware integration
- 31 VST effects, including 22 VST3 plug-ins
- MIDI controllers and automation consolidation



HALion ONE

Cubase AI 5 is a lean Cubase version tailored to users looking to record their music without additional bells and whistles. Based on the same core technologies as the Steinberg Cubase 5 advanced music production system, the Cubase AI 5 offers great tools for composition, recording, editing and mixing. Put it together with a YAMAHA hardware and Cubase AI 5 provides a full system solution for recording music in studio quality.


Piano Roll


Score

The MOTIF XF is specially designed to function seamlessly with Cubase 5, Steinberg's powerful DAW software – giving you a comprehensive, all-in-one music production system in which both hardware and software are fully integrated. With using MOTIF XF Editor VST, you can effectively bring the MOTIF XF into the Cubase environment and use it just as if it were a plug-in software synthesizer – no complicated connections or complex setup necessary.
Whenever you open a project, your MOTIF XF is automatically enabled as well, with all the custom settings you previously saved. You can use the convenient panel controls on the MOTIF XF to remotely control to control a wide variety of operations on Cubase 5. And since song files on the MOTIF XF are in Cubase format, you can create material on the MOTIF XF and easily import it to tracks in Cubase 5 for further editing and mixing.


Wave Edit | Mastering | Media Bay

[Minimum System Requirements]

The minimum system requirements state the minimal specification your computer must have to be able to use the software.

Mac OS

• OS	Supported operating systems: Mac OS X 10.5.5 and 10.6
• CPU	Power Mac G5 (Intel Core Duo CPU recommended)
• Memory	1,024 MB RAM
• HDD Size	4 GB of free HD space
• Display	Display resolution 1,280 x 800 pixels recommended
• Audio Driver	CoreAudio compatible audio hardware DVD-ROM drive with dual-layer support
• Others	Internet connection for license activation

Windows

• OS	Supported operating systems: Windows XP SP2 (32-bit), Windows Vista and Windows 7
• CPU	2 GHz CPU (dual core CPU recommended)
• Memory	1,024 MB RAM
• HDD Size	4 GB of free HD space
• Display	Display resolution 1,280 x 800 pixels recommended
• Audio Driver	Windows DirectX compatible audio hardware (ASIO compatible audio hardware recommended for low-latency performance)
• Others	DVD-ROM drive with dual-layer support Internet connection for license activation

MOTIF XF Panel Controls & Terminals





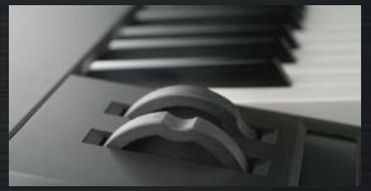
Top Panel

1. Pitch Bend wheel
2. Modulation wheel
3. Ribbon Controller
4. [SELECTED PART CONTROL] button
5. [MULTI PART CONTROL] button
6. ASSIGNABLE FUNCTION buttons
7. MASTER VOLUME
8. Assignable Knobs
9. Assignable Control Sliders
10. [REMOTE ON/OFF] button
11. [ARPEGGIO ON/OFF] button
12. EFFECT buttons
13. [MASTER EFFECT] button
14. OCTAVE [UP] and [DOWN] buttons
15. SEQ TRANSPORT buttons
16. LC-Display
17. Function buttons
18. Sub Function buttons
19. Data dial
20. [INC/YES] button
21. [DEC/NO] button
22. Cursor buttons
23. [EXIT] button
24. [ENTER] button
25. MODE buttons
26. Bank buttons
27. Group [A] – [H] buttons
28. Number [1] – [16] buttons
29. [COMMON EDIT] button
30. [PROGRAM] button
31. [CATEGORY SEARCH] button
32. [PERFORMANCE CONTROL] button
33. [TRACK] button
34. [MUTE] button
35. [SOLO] button

Rear Panel

1. Power switch
2. AC power cord socket
3. ETHERNET connector
4. USB connectors
5. LCD Contrast Control
6. FireWire expansion board (FW16E) cover
7. DIGITAL OUT connector
8. MIDI IN/OUT/THRU connectors
9. FOOT SWITCH jacks
10. FOOT CONTROLLER jacks
11. ASSIGNABLE OUT L and R jacks
12. OUTPUT L/MONO and R jacks
13. PHONES jack
14. A/D INPUT jacks
15. GAIN knob









The Evolution of the MOTIF

Since its 2001 introduction the MOTIF synth/workstation has found wide use in a variety of applications ranging from music production to live performance. Over its ten-year history the series has undergone a remarkable evolution spanning from the original to the latest XF. We'd like to share with you a bit of its history.



2001

MOTIF8, MOTIF7, MOTIF6

The dawn of evolution—the original MOTIF series

Built around a practical, easy to use interface, the original MOTIF featured a generous amount of Waveform memory for delivering high quality sounds, and a high performance sequencer with intuitive controls. It brought great change to the way in which music is made, becoming the keyboard of choice for a great number of artists. In particular, its Integrated Sampling Sequencer provided the user with a very flexible way to create highly detailed music, by fusing the audio sampling tone generator (AWM2) and MIDI recording processes together.



2003

MOTIF ES8, MOTIF ES7, MOTIF ES6

Based on requests from users who were using the MOTIF in everything from music production to live performance, the MOTIF ES was designed with enhancements that furthered its expressive power and usability.
In addition to some really great sounds, its "Phrase Factory" design concept provided artists with easier ways to sketch out songs by generating some really hip and realistic phrases, one after another, that could be connected together into a song. Wave memory increased to 175MB, more than double of the original MOTIF, and Keyboard Mega Voices were introduced bringing acoustic instrument Voicess to life by reproducing all of their subtle playing nuances. Other enhancements include the arpeggiator and effects, which offered drastic improvements in musical expressiveness.



2007

MOTIF XS8, MOTIF XS7, MOTIF XS6

Memory increases to 355MB and each Voice has up to 8 Elements. The XS features VCM effects for simulating vintage sounds, and a meticulously recorded, resonant piano. The sequencer section offers an increased number of patterns, and the arpeggiator is much more powerful than before. This is the first MOTIF to feature a large color display. The Phrase Factory concept is further strengthened and the MOTIF's evolution has moved forward offering an easier, more intuitive approach to shaping compositions.
The MOTIF XS comes equipped with Ethernet and FireWire connections, and is bundled with Cubase music production software which allows the MOTIF XS to integrate into the computer environment, an increasing popular way to create music.

2010

MOTIF XF8, MOTIF XF7, MOTIF XF6

Wave memory increases to 741MB and over 1,200 new Waveforms are added. The MOTIF XF can accommodate up to 2GB of optional flash memory, which greatly expands the extent of its sound editing capabilities. The AWM2 tone generator is enhanced with Yamaha's Expanded Articulation that deliver much more natural sounding acoustic instruments and unique performance methods for synth voices. The XF also features a wide variety of effects including VCM effects and a rich selection of arpeggio types letting you create highly detailed sounds plus a wide range of performance possibilities all from a single keyboard.
The MOTIF XF comes bundled with Cubase integrating the MOTIF into computer based music production systems that enhance the music making process. Additionally, development of apps for the iPad and the iPhone move the MOTIF XF further forward in the evolutionary process, providing a new way for users to interact with this advanced music production system.



The MOTIF series has always been a showcase for Yamaha's state-of-the-art technology. Top-of-the-line specifications and polished operability put it in a class above the rest. This is Yamaha's flagship synth series and leader of the workstation/synth category.

History of MOTIF

2001



MOTIF8, MOTIF7, MOTIF6

2003



MOTIF ES8, MOTIF ES7, MOTIF ES6

2007



MOTIF XS8, MOTIF XS7, MOTIF XS6

2010



MOTIF XF8, MOTIF XF7, MOTIF XF6

Smart Device

Interface

Increase the functionality of your MOTIF with an iPad, iPhone, or iPod

Each app can be easily used just by connecting the instrument and iPad/iPhone with the i-MX1 MIDI interface cable. The iPad's large display can be used to edit sounds on the MOTIF XF. Also, additional functions such as drum pads or an arpeggiator can be easily added to your synthesizer.



iPad/iPhone MIDI interface

i-MX1

The i-MX1 is a MIDI interface that lets you connect an iPad or iPhone to any MIDI instrument. There is no difficult setup, simply connect the i-MX1 between the iPad/iPhone and a MIDI instrument such as a synthesizer, electronic drum kit, or digital piano and then launch the app from your iPad/iPhone. You can play and control the app's sounds using the instrument's real interface. There are also dedicated applications for Yamaha synthesizers that will expand the functions of your instrument. The Faders & XY Pad MIDI Control application controls your synthesizer's sounds using MIDI control change messages sent from the iPad. Keyboard Arp & Drum Pad is an application that transmits notes to the synthesizer. All applications from Yamaha increase the joy of playing instruments by combining the unique interface of your iPad/iPhone.

*The iPad/iPhone/iPod Touch shown in the photos on this page are not included with the product.

* Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries. iPad, iPhone, iPod touch are trademark of Apple Inc.
*Apple Store is a service mark of Apple Inc.

Smart Device

Application



Voice Editor Essential

Voice Editor Essential is a simple Core MIDI iPad editor application to edit parameters in Yamaha synthesizers. The editor focuses on detailed editing of insert effects, system effects, arpeggiator and EQ that are frequently modified and can take advantage of the iPad's large graphic display. In addition to that, you can control parameters like EG or cutoff in real-time by using fader control or XY Pad. Some essential global parameters including tap tempo and volume control are also included.



Multi Editor Essential

Multi Editor Essential is a Core MIDI application which gives you all the tools you need to mix your songs and patterns of Yamaha synthesizers on your iPad. You can control volume, pan, chorus send and reverb send for each part as well as detailed editing of the mix effects and the master EQ. You can also control the transport sections of the sequencer.



Performance Editor Essential

Performance Editor Essential is a Core MIDI application that enables you to edit the Performances of a Yamaha synthesizer from your iPad. You can configure the MEQ and effects, which are often used in editing, in addition to arpeggiator settings, Voice combinations, and each Voice's key range. Performance Editor Essential also has an XY pad for controlling parameters in real time. You can also control the tap tempo and volume.

CHICK'S MARK V SAMPLE LIBRARY FOR MOTIF XF

A rare and magical collection that should be part of every serious MOTIF user's collection!

Sample Library For MOTIF XF

Chick's Mark V

* Library requires Flash Board (YAMAHA FL512M or FL1024M)

Format:	ALL (.X3A)
Size:	400 MB
Memory:	Library requires Flash Board
Voices:	13
Songs:	1
Bank loads to:	User Bank 2
Price:	$129 (Download at www.motifator.com)

"If you want to own a piece of musical history, or just be able to access a landmark Mark V that speaks with clarity, character and punch, this sample library is "unparalled."

This is a sample library like no other.
This library is based on lovingly preserved samples of Chick Corea's own personal Stage 73 Mark V electric piano - a model he worked on and with, Harold Rhodes. The library contains all of the original samples recorded in the meticulously engineered sampling sessions and consists of 12 unlooped velocity layers and note offs. The full, natural sustain of each note is meticulously maintained.



Part of what makes this collection unique is the custom hammer and preamp configuration of Chick's original electronic piano instrument.
At F# above Middle C, Corea and his team modified the hammers from the standard neoprene to wood and sent the signal from those keys to a completely separate pre amp with a specially designed EQ. This creates an almost split keyboard effect that lets notes in the treble register ring with a clarity and punch that is unavailable on a standard Mark V.
The sound designers used proprietary Yamaha tools for sound compression so that this amazing collection fits easily onto a FL512M flashboard module for the XF.

The library is being used by Corea in his MOTIF XF8 "on his 'Return to Forever' reunion tour and is now available for purchase by end users exclusively at www.motifator.com

Lineup

The MOTIF XF6 and XF7 have a FSX Keyboard (61/76 keys), while the MOTIF XF8 features the grand-piano like Balanced Hammer (BH) Keyboard (88 keys).



MOTIF XF8





MOTIF XF7





MOTIF XF6



Option

[Flash Memory Expansion Module]



FL512M/FL1024M

[Firewire Expansion Board]



FW16E

[Keyboard Stand]



LG-800

Specifications

Keyboards	
MOTIF XF8	88 keys, Balanced Hammer Effect Keyboard (Initial Touch/Aftertouch)
MOTIF XF7	76 keys, FSX Keyboard (Initial Touch/Aftertouch)
MOTIF XF6	61 keys, FSX Keyboard (Initial Touch/Aftertouch)
Tone Generator block	
Tone Generator	AWM2, with Expanded Articulation
Polyphony	128 notes
Multi Timbral Capacity	16 Parts (internal), Audio Input Parts (A/D, FW*) *1 Stereo Part
Wave	741 MB (when converted to 16-bit linear format), 3,977 Waveforms
Voice	Preset: 1,024 Normal Voices + 64 Drum Kits GM: 128 Normal Voices + 1 Drum Kit User: 128 x 4 (Bank 1: original, Bank 2-4: selected and copied from Preset banks + 32 Drum Kits (No. 1 – 8: original, No. 9 – 32: selected and copied from Preset bank)
Performance	User: 128 x 4 (up to 4 Parts)
Filter	18 types
Effect System	Reverb x 9 types, Chorus x 22 types, Insertion (A, B) x 53 types x 8 Parts (up to 16 units), Vocoder x 1 (uses both Insertion Effect A and B blocks), Master Effect x 9 types (Preset settings for parameters of each effect type are provided as templates; total 320) Master EQ (5 bands), Part EQ (3 bands, stereo)
Sampling block	
Samples	Up to 128 Waveforms (Multi Samples) , up to 256 Key Banks per Waveform, up to 512 Key Banks
Sampling Sources	Analog input L/R, Stereo output (Resampling) FW (available when the FW16E has been installed)
A/D Conversion	24-bit, 64x oversampling
D/A Conversion	24-bit,128x oversampling
Sample Data Bits	16
Sampling Frequency	44.1 kHz, 22.05 kHz, 11.025 kHz, 5.5125 kHz (Stereo/Mono) Sampling Frequency via FW (when the FW16E has been installed): 44.1 kHz (fixed)
Sampling Memory	Internal SDRAM: 128 MB
Sample Length	Mono: 32 MB Stereo: 64 MB
Sampling Time	44.1 kHz: 6 min. 20 sec. 22.05 kHz: 12 min. 40 sec. 11.025 kHz: 25 min. 20 sec. 5.5125 kHz: 50 min. 40 sec. *Mono/Stereo
Sample Format	Original format, WAV, AIFF
Sequencer block	
Note Capacity	Approx. 130,000 notes
Note Resolution	480 ppq (parts per quarter note)
Maximum Polyphony	124 notes
Tempo (BPM)	5 – 300
Recording type	Real time replace, real time overdub (with the exception of the Pattern Chain), real time punch in/out (Song only)

Tracks	Pattern: 16 Phrase tracks Pattern Chain: Pattern track, Tempo track, Scene track Song: 16 sequence tracks (Loop on/off can be set for each track), Tempo track, Scene track
Patterns	64 Patterns (x 16 sections), Measures: 256 maximum Mixing Voices: 16 Voices per Pattern and up to 256 Voices for all Patterns Mixing Templates: 32 for all Songs and Patterns
Phrases	User Phrases: 256 per Pattern
Songs	64 Songs Mixing Voices: 16 Voices per Song and up to 256 Voices for all Songs Mixing Templates: 32 for all Songs and Patterns
Arpeggio	Preset: 7,881 types User: 256 types *MIDI Sync, MIDI transmit/receive channel, Velocity Limit, and Note Limit can be
Scene Memory	5 per Song
Sequence Format	Original format, SMF format 0, 1 (format 1 load only)
Others	
Master	User: 128 *8 Zones (Master keyboard settings), Assignable Knob/Slider settings, Program Change table
Sequence Software compatible with the Remote Control function	For Windows: Cubase 4 – 6, SONAR 5.2 – 8 For Macintosh: Cubase 4 – 6, Logic 7.2 – Logic Studio, Digital Performer 5.1 – 6 *Functions to be controlled differ depending on software
Controllers	Pitch Bend wheel, Modulation wheel, Ribbon Controller, Assignable Control Sliders x 8, Assignable Knobs x 8, Assignable Function buttons x 2, Data dial
Display	320 x 240 dot, 5.7 inch graphic color backlit LCD
Connectors	OUTPUT L/MONO, R (standard phone jack) ASSIGNABLE OUTPUT L, R (standard phone jack) A/D INPUT L, R (standard phone jack) DIGITAL OUT PHONES (standard stereo phone jack) FOOT CONTROLLER 1, 2 FOOT SWITCH x 2 (SUSTAIN, ASSIGNABLE) MIDI IN/OUT/THRU USB (TO HOST, TO DEVICE) AC IN ETHERNET (100 BASE-TX) IEEE 1394 (available when the FW16E has been installed)
Power Consumption	22W
Dimensions, Weight	MOTIF XF8: 1,439 (W) x 466 (D) x 168 (H) mm, 28.9 kg MOTIF XF7: 1,252 (W) x 391 (D) x 122 (H) mm, 17.2 kg MOTIF XF6: 1,045 (W) x 391 (D) x 122 (H) mm, 15.1 kg
Accessories	AC power cord, Cubase AI Disc, Owner's Manual, Data List