

SAMPLETRIP

SOUND DESIGN & SAMPLING

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STX-70 FM EXPANDER DIGITAL PIANO



GETTING STARTED MANUAL



Thank you for purchasing
Sampletrip STX-70 FM Expander Digital Piano Module

STX-70 is a Kontakt 5 Library inspired by FM Synthesis Electric Piano sounds created on Yamaha TX7 Synthesizer Module to capture the sound quality and feeling of the original 12-Bit FM Electric Pianos of “Mid-80s” used widely on countless Ballads and Hits of that Era.

It is one of the best and authentic “FM Piano” Kontakt Libraries available because of the sampling quality and extensive multi-sampling.

In comparison to our other “FM Piano” Libraries, this one is by far the most advanced and extensive multi-sampled.

We have covered a “76-Keys Keyboard range” and we have sampled every note on this range on 8–10 velocity Layers, so the overall quality of the Library is very close to the original module as intended.

A decent amount of basic modification controls are provided, in the likes of filters, LFO's, envelopes, transpose buttons and pan/detune knobs.

There is an effect section of the most common fx, as well as convolution reverb (sampled by Yamaha FX Processor) to give an extra depth and “vintage” character to the sound.

The multisampled sounds have been recorded at 48KHz 24-bit resolution and post editing process is done carefully on each sample individually.

Using the editing parameters new variations of the sounds can be created easily by the user.

REQUIREMENTS

KONTAKT 5 full version 5.8.1 and above is required to run this library
(Not KONTAKT PLAYER).

8 GB of ram is recommended.

SPECIFICATIONS

Total size is 9,45 GB (16,4 GB before .ncw compression)

7.481 Wave Samples.

14 Multisampled sounds.

44 Snapshots.

HOW TO INSTALL USER SNAPSHOTS:

In the Installation directory locate “Snapshots” folder and place subfolder “STX-70” inside this location in your computer:

On Windows:

C:\Users\<your username>\Documents\Native Instruments\User Content\Kontakt

On Mac OS X:

Macintosh HD/Users/<User Name>/Documents/Native Instruments/User Content/Kontakt/

OVERVIEW:

STX-70 structure is made up by 2 different performance windows:

- 1) **Main**
- 2) **Effects**



Main:

The architecture of STX-70 is quite simple:

A sound program can be made up to 2 elements with some basic editing parameters.

There is a large green “LCD Display”, which is heavily inspired by the original Yamaha synthesizer modules of the “Late-80s” era.

Its vintage GUI looks are not only pleasant, but can also interact with the inner Kontakt synth engine:



Each of the 2 elements has different multisampled sounds to select of. The selection can be made directly on the “LCD” Display using the mouse “left-click” and the pop-up dropdown menu.

The 1st element has a selection of 10 multi-sampled sounds (8 FM Pianos & 2 String-Plucked Instruments)

The 2nd element contains 6 multi-sampled sounds (4 FM String/Pad & 2 String-Plucked Instruments sounds)



For quick editing the overall volume of each element can also be adjusted from here, as well as chorus & reverb “send fx” level.

On the left corner there is the “edit switch”.

It can be pressed to open the inner edit parameters of each of the 2 elements:



Edit:



On the left there is located the filter section with Cutoff and velocity sensitivity.

On the right there is the LFO of each element with Frequency, Delay, Pitch and Amp modulation amount controls.

Below on the left middle there are located the Amp (Volume) ADSR Envelope controls.

On the right there is the 2-band equalizer with Frequency and gain controls.

On the right bottom there are note transpose, pan, detune, velocity sensitivity and overall volume controls.

On element 2 there the same equivalent controls minus the Equalizer effect.

As it seems on the picture above there are 2 element “buttons”, which can be pressed to open the corresponding parameter controls of each of the 2 elements.

Effects:

The second window is dedicated to the effect section.

The design and architecture is a slightly modified version of the effect section structure, first appeared on the “Plethora” Product.

There are 6 different effect types like modulation, compressor, reverb, delay, equalizer and tape saturator.

Every effect has its corresponding parameters, On/Off switch as well as DRY/WET amount bars:



FX1:

The first effect slot offers modulation effects such as chorus and flanger. You can select the effect of your choice via the drop down menu:



FX2:

This section is the solid bus compressor effect.

FX3:

Convolution reverb with 12 different impulse responses sampled by Yamaha dedicated Fx Processor to select of:



FX4:

Delay effect.

FX5:

Solid Equalizer:
Parameters can be selected using the corresponding menu.

FX6:

Tape Saturator:
Parameters can be adjusted using the corresponding controls.

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