

BACK IN TIME RECORDS

- Sound Research & Development -



Alesis Fusion Analogic by kpr

Handling Instructions

Fusion Analogic by kpr is a Keyboard Workstation handling concept and Program Presets Bank for Alesis Fusion 8HD/6HD.

This turns the Fusion into an analog synthesizer!

All 128 Program Presets are based on the VA synthesis and the especially developed sophisticated Controller programming simulates analog synthesizers. The 14 assignments with the most typical analog synthesizer parameters act as control for tone brilliance, touch response, vibrato and tremolo, sound shaping, effect addition and more. The assigned controllers are Control Knobs 1-4, Modulation Wheel, Aftertouch, Pitch Bend Wheel, S1 and S2 switches, T1 to T4 buttons as well as Arpeggio. Also all three further alternative Controller assignments can be used by selecting them with the dedicated buttons EQ, Filter and ARP.

General Controller and FX Assignment

Use following Controllers for volume expression, tone color variations, transpose effects, envelope shaping, oscillator tuning, instruments parameter adjustment, effects, pitch bend effects and more.

Here is the list of the Controllers and what you can do with them. Synthesizer parameters like Filter Cutoff and OSC Shape are assigned, but actually those terms are not really musically. A typical musician's phrase is that a sound is brilliant, dull, bright, etc. The list below is using this kind of description instead of the synthesizer parameter names. This makes it easier to remember what can be done with the concerned Controllers.

Every Preset is using the identical Controller assignments, this means that you have to learn the assignments only one time and it will work for all Presets within this sound bank. No matter what Preset you will select, the amount of brilliance can always be controlled by Knob 1, the S1 switch will always provide a Glide effect, the T1 button always allows an one octave up transpose.

This means that you will be familiar with this sound bank and what you can do with all 128 Presets in a very short time. Consider that all sounds are just thought to begin with and you can change the timbre and tone character with all the Controllers, no need to push the Edit button.

So here we are:

Pitch Bend Wheel:

With the Pitch Bend Wheel the move forward will bend the tone 2 semitones up and a move towards the player's position bends it down 2 semitones. The Wheel jumps back to middle position when leaving the hands from it and the tone pitch will move back to the originally programmed one right away. The activation of the Pitch Bend Wheel makes the Wheel illuminated in a delightful blue color.

Modulation Wheel:

This is always assigned for Vibrato, Tremolo and this kind of sound modulation. Moving the Wheel forward will initiate this effect and the more you move the Wheel forward to it's very end the effect will be pretty drastically. To reduce this effect you must remove the Wheel back towards player's position. Like the Pitch Bend Wheel the activation of the Modulation Wheel makes the Wheel illuminated in blue color and it will be turned off when moved back to zero position.



Control Knobs, T-Buttons, S Switches and Arpeggiator

Control Knobs 1-4

Those are the perfect Controllers for dynamic tone color changes while playing. To get access to the Analogic Controller Knobs 1-4 assignments you need to activate the Selector Button Assign right above the Knob 4, the Assign Button will light up then. They will appear in the Display too, at the bottom line and when turning a Knob you can watch the value changes in the Display.

Knob 1:

With this Knob you can control the tone brilliance. It depends on the actual sound if the brilliance will be increased or reduced though. The synthesizer parameter name for this function is Filter Cutoff.

Knob 2:

This Knob allows to control the sharpness of the brilliance and contour of a sound and it depends on the actual sound how it will act. The synthesizer parameter name is Filter Resonance. Be careful when using it, because it shapes the sound pretty intensive and sometimes it's just the attack portion of a sound.

Knob 3:

Here is the control for the tone response. Move the Knob to the right and the attack time of the tone response will be longer, it simply will take a little time until the sound gets louder. Check this effect also with the Release time (activate it with S2 switch). The synthesizer parameter assigned to this Knob is Envelope Attack.

Knob 4:

An analog synth sound doesn't need too much outboard effect like Reverb or Echo (Delay) as well as Chorus, Flanger and Phaser. But sometimes this is a nice addition though. So the Analogic Presets are programmed with a slightly amount of Reverb, sometimes a bit Phasing or Chorus too. It is a real enhancement to add Echo to an analog synth sound, so this is where Knob 4 comes into the game. Move the Knob 4 to the right and usually an Echo effect will appear, the more you move the Knob 4 to the right the more the Echo effect intensity. In the synthesizer scientific speech it is Bus 1 or Bus 2 Return intensity.

T1 Trigger Button: 1 Octave up

Push the T1 Trigger Button to shift the pitch of a sound up for 1 octave. It acts like a transpose button, but like all four T Buttons it is momentary and only works for the time you hold the T1 Trigger Button. Loose the Button and the sound will return to the programmed pitch.

T2 Trigger Button: OSC Shape/Color

With the T2 Trigger Button the sound color of a Preset will change. It depends on the individual sound how intense this effect will be. As a momentary Trigger Button this Control is thought as performance element for quick sound color alternatives for limited time during a song.

T3 Trigger Button: additional OSC pitch interval

T3 Trigger Button allows to set a pitch interval to a sound, but just for one Oscillator. This creates a kind of dual-sound, where one Oscillator pitch is the keynote and a second Oscillator usually is setted to an interval of 4th or 5th. It works momentary and only when pushing and holding the T3 Trigger Button.

T4 Trigger Button: Master EQ Low/High Gain gain

With the T4 Trigger Button the loudness of low or high frequencies will rise, and it allows to make sound fatter or more brilliant for a specific situation. Again this is a momentary effect and only works by pushing and holding the T4 Trigger button.

S1 Switch: Portamento glide effect on/off

Portamento is a glide effect where one note is bended to the next when playing lines. The Fusion allows to set the time how long the glide effect will need and a Legato option too.

This effect will appear when pushing the S1 Switch and the activation will be indicated by flashing up the S1 light within the Switch.

S2 Switch: Release time extension

When the sound disappears too early after releasing a key then just push just the S2 Switch and the Release Time will extend right away. This effect will appear when pushing the S2 Switch and the activation will be indicated by flashing up the S2 light within the Switch.

Arp: Arpeggio on/off

An Arpeggiator is a typical section of several legendary analog synthesizers. As the Fusion also provides an Arpeggiator every Analogic Preset comes with a dedicated and individually programmed Arpeggio pattern. Just push the Arp On/Off Button to activate the Arpeggio and it will start immediately after playing notes on the keyboard. Usually a holded chord is a good start and then using the Controllers to modify the sound while playback the Arpeggio. An important role plays the Knob 4, where the additional Effect will appear and in the most cases it is an Echo effect that suits very well to the programmed Arpeggio pattern.

Modes for alternate Control Knobs 1-4 functions

All especially assigned Control Knobs 1-4 can also work with alternate function that are pre-programmed factory assignments. You can choose between Filter, EQ and Arp and each one will be activated by pushing the concerned Button. Active mode is when the concerned Button lights up. Each mode allows the control of four parameters or functions and they are related to the Filter, EQ and Arp.

Aftertouch:

This is a sensible Controller and the Fusion Analogic allows the control for loudness, brilliance, Vibrato and other modulation performance articulations.

Velocity:

Of course all Presets are programmed with Velocity which can be used for initial tone color control too. The amount of Velocity dynamic depends on the sound category and the individual Preset though. Usually Pads are less dynamic than Lead sounds, Percussives are more dynamic than Poly sounds.

Note: A few Program Presets may have alternate settings than described above and their different settings are always sound related then.

Analogic by kpr Program Presets

Selection group

000 Super Poly
001 Pitch Mover
002 Enormous Pad
003 Synthbass Ana
004 Wha of Fame
005 Motionizer
006 Prog SynOrgan
007 The Reso Mountain
008 Pulsatronics
009 Elevator to Sky

Lead

010 Syncist
011 Late Surprise
012 80s Para Ens
013 DeeFunk'd
014 Oxy
015 FatLead
016 Click Lead
017 Silky
018 Piper
019 The Drifter
020 SynClari
021 Snow Man
022 Del Mar
023 Syntexo
024 Nasalo
025 Laser Lead
026 Softie
027 Stitcher
028 Chinatown
029 Angel Voice

Bass

030 Cool Bass
031 Softbass
032 80ies AnaBass

033 Short Reso Bass
034 Wah Bass
035 DynaBass
036 Ghosty Bass
037 Saw Bass
038 Brightman
039 Tauross

Bass & Lead

040 Sweet BassLead
041 BandPasser
042 Pure Beauty
043 Arpi Knob 4
044 Bumblebee
045 Disturber
046 Shimmer
047 Smacktronic
048 Repeater
049 PitchAttax

Poly

050 SynHorns
051 Sweeper
052 Sawphisticated
053 Level 41
054 Indifferent
055 NiceSweep
056 Tales from Violand
057 Dyna SynOrgan
058 Saga Poly
059 Asteroid
060 ProgPoly
061 Supersquare
062 Smoothie
063 Master of Synths
064 PowSyn
065 Genesous
066 Brite Repeaz
067 Warm Places
068 The Distoman
069 SynStringy

Percussive

070 Mr. Thai Sticks
071 Cosy
072 Jewels on Arp
073 Electro Cem
074 Space Synthar
075 SynPiano
076 Synthiebell
077 Soft Pearls
078 SynSitar

079 Cyber Clavi
080 Decay SynOrgn
081 Hello Ween !
082 Shorty's
083 CoolClav
084 DynaRubber
085 Planet de Syn
086 Crickets Synth
087 Winter Times
088 Churchy
089 Nightrider

Pad

090 Clean Vintage Stringer
091 Anna's Choir
092 Soft SweePad
093 Meuw Pad
094 Wool Pad
095 Plain & Dynamic
096 Vox from Heaven
097 The Glider
098 Polyensemble
099 Broken Orchestra
100 Soft Satin
101 Disturber Pad
102 Soft Clouds
103 ZipperPaddy
104 Sandy Beach
105 Edelstrings
106 Hornpad
107 DynaEvolver
108 Space Loner
109 Randomized Pad

FX Synth

110 Laserpointer
111 Orion Symphonics
112 Mare Copernicus
113 Wormhole Journey
114 Mirror Synth
115 Mosaique
116 Deep Water
117 Sputnik Radio
118 Dune Planet
119 The Sparkle
120 Windy City
121 Fountains
122 Piper Dawn
123 Flexogorgoil
124 Waver
125 Birdy FX
126 Spooky Night
127 Noisy Landscape

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