

Plutonia VSTi-Synthesizer

a fully functional free synthesizer for sf2 files
by HG Fortune 2010



A fairly compact 16voice VSTi Synthesizer with quite a big sound featuring:

as soundsources:

two oscillators with 256 sf2 based PCM waveforms each

The inbuilt waveforms are an excerpt from different wavesets by HGFortune (see also Appendix below)

- AlioModularity
- HGF Best of # 1 and HGF Best of # 2
- Athmonia-a (complex waveforms generated from images)
- Seamless Textures (complex waveforms generated from images)
- HGF Retro Set

as modifiers:

one 24dB Lowpass filter with resonance per synthvoice

one condensed Spook B fx

one BassEnhancer to enhance low frequencies (works independently from Color signal)

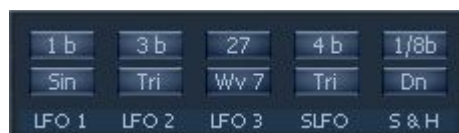
one delay synced to bpm;

as sources for modulation:

two ADSR envelope generators (one for Filter, one for VCA)

four LFO and one Sample & Hold;

The **LFO section** - each with different waves selectable



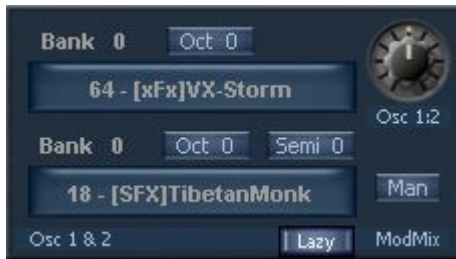
LFO1 and 2 are more conventional LFO with Sine, Triangle, Sawtooth and Ramp wave

LFO3 offers a set of some more complex waveforms with it's rate (or speed) to be adjusted manually - this one is not synced to BPM.

SLFO is similar to LFO 1 & 2 with the exception it is even slower

Sample & Hold has different modes selectable as sample source

The Oscillator section



Osc. 1 and 2 provide two waves

Next to the octave selector is a semitone selector for Osc. 2. Output of both oscillators can be balanced by knob Osc 1:2 and modulated by the LFO sources.

The Filter section



the 24 dB low pass filter with resonance has its dedicated ADSR EG and a selectable 2nd mod source which can be balanced against the EG amount by the resp. knob LFO:EG

The VCA section



The VCA amplifier section offers an ADSR envelope generator and an option to balance the direct signal of the oscillators against the filtered signal (Mix Fil:Byp) also to be modulated by various sources.

The Spook B effect



Spook B provides a fairly flexible way to modify the sound adding e.g. some kind of 'metallic' timbre or even to some flanger like fx.

This is an optimized version in order to have a more efficient way to set it up with less control elements. Spook modulation source serves also for modulation of mix (+ = normal, - = inverted). Feedback of prior versions has been combined with Mod amount thus only one knob is needed.

Delay, Bass Enhance, Pan & Main Volume



Delay time is linked to several bpm related settings with an additional knob for manual adjustment to double the delay time at utmost right position of knob. Feedback and delay level are adjustable. There is a switch below the Delay level knob to switch delay off instantly.

Pan works in two ways: normal or with delay to opposite direction (see image showing the normal way)

Also panning can be modulated by selectable LFO.

BassEnhance is an option to increase the bass response with its signal present on both channels without panning i.e. mono.

Finally Main Volume adjusts the overall output level of the VSTi.

Some more general hints:

Using long release settings will increase CPU-usage - remedy: lower release at filter ADSR, lower release at ADSR in master section and raise delay Lvl instead. So in most cases a release just below half way up of the slider will be sufficient to get a fading on the sound. Also fast LFO settings at many destinations consume a lot more CPU than one efficiently set at the most significant target which is in fact in most cases sonically even more efficient for a more pronounced sound.

Switching between patches might lead to some sound artefacts by Delay when done while sound is still playing. In order to have a clean switching the sound of current patch should have faded to zero level before switching to next patch. Or, have delays set at the same Delay parameter value.

As of MIDI implementation all assigned MIDI CCs are shown on the GUI as soon as a slider, knob or switch is moved with the current value shown too..

Some credits:

This VSTi has been created by HG Fortune with SynthEdit from Jeff McClintock.

More VSTI by H. G. Fortune:
<http://www.hgf-synthesizer.de>
H. G. Fortune
G. Hager
Almaweg 49
53347 Alfter
0228/642997
Germany
email: fortune@flomo-art.de

List waveforms in bank 0

000 [AlioMod]AdditDream	032 [Best-of#1]BigFantas	064 [athmonia-a)AlmaBr	096 (SeamlessT)Atlantis
001 [Cpl]FullBrite	033 [Cpl]Caducifer	065 Angie-Surreal	097 Beach Surreal 2
002 [Cpl]MetalPad	034 [Cpl]Cassiopeia	066 Animal_waterhole	098 Belling 3
003 [Cpl]MovieThme	035 [Cpl]Grumbling	067 AustrianLake	099 ChronoNaut 4
004 [Cpl]Mysthooh	036 [Cpl]Helionis	068 Barque of Ra	100 Crazy 1
005 [Cpl]PloydFinch	037 [Cpl]HiGhouls	069 BorgPhone	101 Deinotherium 2
006 [Cpl]SlowMystSing	038 [Cpl]Narcissus	070 Circuitry	102 Diluvial 3
007 [Cpl]Symphonicos	039 [Orc]BigOrchStr	071 Condor	103 Entelodont 4
008 [Cpl]VocNoVox	040 [Orc]Fanfare	072 DarkCave	104 Far Out 1
009 [Lfx]BubblyHarp	041 [Orc]Ham'n'Egg	073 DustPhone	105 Gorgon 2
010 [Lfx]Nonsense	042 [Orc]RealViolins	074 EmeraldSpace	106 Hadron 3
011 [Lfx]S&H-Blipps	043 [Orc]SacredOrg	075 Feather-7	107 Just Through 4
012 [nFX]WaterNoiz	044 [Orc]XtraOrchst	076 Gator-2-inv	108 Karoon 1
013 [SFX]Limbo	045 [Syn]Corasca	077 GrainSurgeon	109 LateMove 2
014 [SFX]MetalNoiz	046 [Syn]FogHorn	078 Harder-Mosasaur	110 Long Move 3
015 [SFX]Suspense	047 [Syn]HvySyncFZ	079 HGF-HouseofBirth	111 MagicForest 4
016 [SFX]Tension	048 [Syn]HybridBras	080 Hol-Thingplatz	112 Mahlstrom 1
017 [SFX]TibetanMonk	049 [Syn]OpenJaws	081 Horemheb's Tomb	113 Moria 2
018 [Syn]AtkWideSaw	050 [Syn]SoftDigiBell	082 Kangxi-Journey	114 Nautilus 3
019 [Syn]BelAtkPad	051 [Syn]SquawSaw	083 Lisa-on-the-rock	115 OuterLimit 4
020 [Syn]BriteBras	052 [Syn]TurblinLo	084 Lost in ASW	116 Poseidonis 1
021 [Syn]DigiWave2	053 [Syn]Voices	085 MorPhone	117 Primeval 2
022 [Syn]HollowSaw	054 [Syn]WarmAnalog	086 No-WaterPhon	118 Quetzal 3
023 [Syn]SawPulse	055 [xFx]AtckSphere	087 Oseberg2	119 StarGate 4
024 [Syn]SawSoup	056 [xFx]ChordedNze	088 Rusa-Forestway-i	120 TimeGate 1
025 [Syn]Solina	057 [xFx]FantaB-rev	089 SexyDancer	121 TimeHole 2
026 [Syn]Strings	058 [xFx]GhostRide	090 SolarOrbit-GUI	122 TimeShift 3
027 [Syn]TChord	059 [xFx]GlissHarp	091 SouthView	123 UnderCover 4
028 [wfx]EnCoded	060 [xFx]Haunted-rev	092 SpaceBugs	124 Vivid 1
029 [wfx]Flashes	061 [xFx]HeavyStrok	093 SpaceDust	125 Wormhole 2
030 [wfx]Junkyard	062 [xFx]Spookie!	094 Stonehengemoon	126 X-Rated 3
031 [wfx]Mad-Vox	063 [xFx]VX-Storm	095 WolfWaterPhon	127 Zefir 4

List waveforms in bank 1

000 [Cpl]Aphrodisia	032 [Orc]LongOoouh	064 [Ats]Bass-n-Breath	096 [Cpl]ChoirSparkle
001 [Cpl]Arcanasque	033 [Orc]NoVocal	065 [Ats]BassPluck1	097 [Cpl]Fantasy
002 [Cpl]BellSpaceX	034 [Orc]OrgueStr	066 [Ats]Bellights	098 [Cpl]PPGishPad
003 [Cpl]Darkness	035 [Orc]PaddyBell	067 [Ats]Bellpad	099 [Cpl]Sweepy
004 [Cpl]DeepSpaceX	036 [Orc]SadFemale	068 [Ats]Clocking	100 [Cpl]SynStrinx
005 [Cpl]FatOnFloor	037 [Orc]Superstr	069 [Ats]DXing	101 [Str]BowString
006 [Cpl]FLXAtkPad	038 [Orc]Symphony	070 [Ats]Glass-brite	102 [Str]FatString
007 [Cpl]FLX-Strgbrite	039 [Orc]TubularWv	071 [Ats]HarpyAtmo	103 [Str]LoOctString
008 [Cpl]Forlorn	040 [Orc]VoxOfNoise	072 [Ats]HighEther	104 [Str]Lusher
009 [Cpl]GlassFlute	041 [Orc]WideStrngs	073 [Ats]KalimBreath	105 [Str]Shy
010 [Cpl]HadesLoop	042 [Syn]BariSync	074 [Ats]PickSyn	106 [Str]StringsPad
011 [Cpl]Haunted	043 [Syn]Bassical	075 [Ats]Plucky	107 [Str]SynStrings
012 [Cpl]Layer-Z	044 [Syn]Digitalis	076 [Ats]ResoAttack	108 [Syn]BigBrass
013 [Cpl]Margalit	045 [Syn]Distorter	077 [Ats]SlowPluck	109 [Syn]BigFat2
014 [Cpl]Morphomat	046 [Syn]GoodLow	078 [Ats]SoftBass	110 [Syn]Chord
015 [Cpl]Shena-org	047 [Syn]HiPassed	079 [Ats]SoftPluck	111 [Syn]Dreamy
016 [Cpl]SoftAtkPad	048 [Syn]LiteSync	080 [Ats]Stab1	112 [Syn]FatSaw
017 [Cpl]SparklyGls	049 [Syn]Metallic	081 [Ats]Stack1	113 [Syn]Fatter-brite
018 [Cpl]TechQuyer	050 [Syn]Nopia	082 [Ats]Stack5	114 [Syn]LiteSawPad
019 [Cpl]Unexpected	051 [Syn]OmniSaw	083 [Ats]Symphonic	115 [Syn]MedBrass
020 [Cpl]VoxPlus	052 [Syn]Purity	084 [Ats]Vibes1	116 [Syn]Moving
021 [Orc]Aaahtificial	053 [Syn]RhodesIsle	085 [Ats]Wobbler	117 [Syn]Opener
022 [Orc]Bellatrix	054 [Syn]SawsOff	086 [Cho]BottleVox	118 [Syn]PWMMode
023 [Orc]BowedStrs	055 [Syn]Saxorguitar	087 [Cho]BreathChiff	119 [Syn]Saws1
024 [Orc]BroadBras	056 [Syn]Sharpening	088 [Cho]Choirng	120 [Syn]SloBrass
025 [Orc]ClassicStrn	057 [xFx]FLX-PS Storm	089 [Cho]OohWaves	121 [Syn]SlowHorn
026 [Orc]Ensemblon	058 [xFx]LostInSpace	090 [Cho]SkyHigh	122 [Syn]SoftBras
027 [Orc]FatQuyer	059 [xFx]NoiseBug	091 [Cho]SoftAtk1	123 [Syn]Squarey
028 [Orc]gOrganic	060 [xFx]SamUnhold	092 [Cho]SynVox 2	124 [Syn]SunShineBrs
029 [Orc]HeavyOrgl	061 [xFx]ShipLiftOff	093 [Cho]SynVox 3	125 [Syn]Swell
030 [Orc]KS-FatBras	062 [xFx]Tunnellizer	094 [Cpl]BellPadsoft	126 [xFx]DoomBell
031 [Orc]LongAhhh	063 [xFx]UnNatural	095 [Cpl]Bubbly	127 [xFx]SpaceDrift

Bank 0: 000-031: AlioModularity, 032-063: Best of #1, 064-095: athmonia-a, 096-127: Seamless Textures

Bank 1: 000-063: Best of HGF #2, 064-127: HGF Retro

Remark: athmonia-a and Seamless Textures contain waves generated from images for Alien Space Weaver VSTi by HG Fortune.

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Appendix

List waveforms in **HGF-AlioModularity.SF2** - this is a completely new set of 128 waves done in March 2009! This set contains waves sampled from VA sources i.e. tweaked patches from Nord Modular and Yamaha AN1x.

000 [Cpl]AdditDream	032 [Syn]AtkTuneIn	064 [Syn]Solina	096 [SFX]TremorAhh
001 [Cpl]AndroidPad	033 [Syn]AtkDroner	065 [Syn]Squarey	097 [SFX]TremorBell
002 [Cpl]BelAtkOrc	034 [Syn]AtkWideSaw	066 [Syn]Strings	098 [Lfx]Bubbling
003 [Cpl]Cosmics	035 [Syn]BeauBell	067 [Syn]StringSect	099 [Lfx]BubblyHarp
004 [Cpl]DigiAtck	036 [Syn]BelAtkPad	068 [Syn]Stringz	100 [Lfx]Dripping
005 [Cpl]DigiPad2	037 [Syn]BellDrone	069 [Syn]TChord	101 [Lfx]Gossip
006 [Cpl]DoublePad	038 [Syn]BellotronHi	070 [Syn]ThinSaw	102 [Lfx]Harplike
007 [Cpl]FarLitePad	039 [Syn]BellotronLo	071 [Syn]WahFMish	103 [Lfx]Hold-it-Sam
008 [Cpl]FullBrite	040 [Syn]BiGatkSaw	072 [SFX]BellNoiz	104 [Lfx]ManyBells
009 [Cpl]FullOfSin	041 [Syn]BigSoftPad	073 [SFX]BellLoop	105 [Lfx]Nonsense
010 [Cpl]FullPad	042 [Syn]BraStrin	074 [SFX]Danger	106 [Lfx]PrcLoop
011 [Cpl]LongSwellud	043 [Syn]Breit1	075 [SFX]Limbo	107 [Lfx]S&H-Blipps
012 [Cpl]M5-Pad	044 [Syn]Breit2	076 [SFX]LowAirplane	108 [wfx]Alarming
013 [Cpl]MellowAtkPad	045 [Syn]BriteBras	077 [SFX]MetalNoiz	109 [wfx]DeCoded
014 [Cpl]MetalPad	046 [Syn]BriteString	078 [SFX]NoiznSyn	110 [wfx]EnCoded
015 [Cpl]MovieThme	047 [Syn]D6xRhode	079 [SFX]NoiseFume	111 [wfx]Flashes
016 [Cpl]Mysthooh	048 [Syn]DigiWave2	080 [SFX]OuterSpace	112 [wfx]Junkyard
017 [Cpl]Mytheia	049 [Syn]Droney2	081 [SFX]OvdrvOrgan	113 [wfx]Mad-Vox
018 [Cpl]PepeGo!	050 [Syn]FanfarePin	082 [SFX]RoughBrass	114 [wfx]RadioBad
019 [Cpl]PloydFinch	051 [Syn]FMishSoft	083 [SFX]RoughDigi	115 [wfx]Rhythmic
020 [Cpl]Shimmer	052 [Syn]HollowSaw	084 [SFX]RoughFiltFM	116 [wfx]SawMen
021 [Cpl]Sitaric	053 [Syn]JPish6	085 [SFX]ShiftnThru	117 [wfx]Secrecy
022 [Cpl]SlowEvolv	054 [Syn]OberWeite	086 [SFX]SlowLiftOff	118 [wfx]SpeedRace
023 [Cpl]SlowFlow!	055 [Syn]OhhhOrgan	087 [SFX]Somewhere	119 [wfx]StepFlow
024 [Cpl]SlowMystSing	056 [Syn]Saw&Saw	088 [SFX]SpaceBugs	120 [wfx]TinDance
025 [Cpl]SlowNight	057 [Syn]SawDelight	089 [SFX]Spectral	121 [wfx]Tumbling
026 [Cpl]SoftSHPad	058 [Syn]SawPulse	090 [SFX]StrngeTune	122 [wfx]UfoRadio
027 [Cpl]SpaceOdd	059 [Syn]SawSawSaw	091 [SFX]Stressfactor	123 [nFX]Birdies1
028 [Cpl]Symphonicos	060 [Syn]SawSoup	092 [SFX]Suspense	124 [nFX]Birdies2
029 [Cpl]SynVocPad	061 [Syn]SofterPad	093 [SFX]Synclnto	125 [nFX]Birdsong
030 [Cpl]VocNoVox	062 [Syn]Softie	094 [SFX]Tension	126 [nFX]Donnerwetter
031 [Cpl]WideDigiPad	063 [Syn]SoftiesPad	095 [SFX]TibetanMonk	127 [nFX]WaterNoiz

List of waveforms in **4ASW Seamless Textures.SF2** (generated from seamless textures images)

000 Atlantis 1	032 Far Out 1	064 Mahlstrom 1	096 TimeGate 1
001 Atlantis 2	033 Far Out 2	065 MahlStrom 2	097 TimeGate 2
002 Atlantis 3	034 Far Out 3	066 MahlStrom 3	098 TimeGate 3
003 Atlantis 4	035 Far Out 4	067 MahlStrom 4	099 TimeGate 4
004 Beach Surreal 1	036 Gorgon 1	068 Moria 1	100 TimeHole 1
005 Beach Surreal 2	037 Gorgon 2	069 Moria 2	101 TimeHole 2
006 Beach Surreal 3	038 Gorgon 3	070 Moria 3	102 TimeHole 3
007 Beach Surreal 4	039 Gorgon 4	071 Moria 4	103 TimeHole 4
008 Belling 1	040 Hadron 1	072 Nautilus 1	104 TimeShift 1
009 Belling 2	041 Hadron 2	073 Nautilus 2	105 TimeShift 2
010 Belling 3	042 Hadron 3	074 Nautilus 3	106 TimeShift 3
011 Belling 4	043 Hadron 4	075 Nautilus 4	107 TimeShift 4
012 ChronoNaut 1	044 Just Through 1	076 OuterLimit 1	108 UnderCover 1
013 ChronoNaut 2	045 Just Through 2	077 OuterLimit 2	109 UnderCover 2
014 ChronoNaut 3	046 Just Through 3	078 OuterLimit 3	110 UnderCover 3
015 ChronoNaut 4	047 Just Through 4	079 OuterLimit 4	111 UnderCover 4
016 Crazy 1	048 Karoon 1	080 Poseidonis 1	112 Vivid 1
017 Crazy 2	049 Karoon 2	081 Poseidonis 2	113 Vivid 2
018 Crazy 3	050 Karoon 3	082 Poseidonis 3	114 Vivid 3
019 Crazy 4	051 Karoon 4	083 Poseidonis 4	115 Vivid 4
020 Deinotherium 1	052 LateMove 1	084 Primeval 1	116 Wormhole 1
021 Deinotherium 2	053 LateMove 2	085 Primeval 2	117 Wormhole 2
022 Deinotherium 3	054 LateMove 3	086 Primeval 3	118 Wormhole 3
023 Deinotherium 4	055 LateMove 4	087 Primeval 4	119 Wormhole 4
024 Diluvial 1	056 Long Move 1	088 Quetzal 1	120 X-Rated 1
025 Diluvial 2	057 Long Move 2	089 Quetzal 2	121 X-Rated 2
026 Diluvial 3	058 Long Move 3	090 Quetzal 3	122 X-Rated 3
027 Diluvial 4	059 Long Move 4	091 Quetzal 4	123 X-Rated 4
028 Entelodont 1	060 MagicForest 1	092 StarGate 1	124 Zefir 1
029 Entelodont 2	061 MagicForest 2	093 StarGate 2	125 Zefir 2
030 Entelodont 3	062 MagicForest 3	094 StarGate 3	126 Zefir 3
031 Entelodont 4	063 MagicForest 4	095 StarGate 4	127 Zefir 4

List of waveforms in **Athmonia-a.SF2** (generated from seamless textures images see: Alien Space Weaver)

000 Stonehengemoon	032 SexyDancer	064 Ahoi friend1	096 Modetta2
001 GraveHallstatt	033 SexyD-Surreal	065 Ahoi friend2	097 Modetta3
002 Aldeb-bandpic1	034 SexyD-Light	066 JoyLin Shopping	098 Modetta4
003 Aldeb-bandpic2	035 Azn-huney	067 Rao-at Fence	099 Lillybabe
004 AustrianLake	036 Azn-huney-i	068 Rao-LoveShines	100 Flow2
005 HGF-HouseofBirth	037 Kangxi-Journey	069 Rao-PublicPhone	101 Flow3
006 Rheinkultur-07	038 Old-Irish-Gate	070 Rao-Shanghai	102 Animal_waterhole
007 Strommast	039 Mansion-Ruins	071 Pussyrockers	103 Condor
008 Synturion-Cover	040 Horemheb'sTomb	072 Rusa-Forestway	104 Gator1
009 Tiger I	041 Barque of Ra	073 Rusa-Forestway-i	105 Gator-2-inv
010 DiaSpace1	042 Opening_mouth	074 Rusa nice	106 Gator-4-inv
011 Sarah	043 Opening_mouth-i	075 AlienWitch	107 Fossils
012 Stonehenge #2	044 Har-Archeopteryx	076 AlienStoned	108 Cheetah-x
013 SouthView	045 Har-Arsinothierium	077 AlienInspiration	109 Emerald-Pool
014 AlmaBridgeConstr	046 Hard.-Dinothierium	078 AlienCoffee	110 DustPhone
015 Machines2001	047 Harder-Iguanodon	079 AlienBeauty1	111 IcePhone
016 Waldelfe	048 Harder-Mosasaur	080 AlienBeauty2	112 Belux
017 View AF-222	049 Allosaurus	081 AlienBoard	113 Fornax
018 Machines2001i	050 Lisa-on-the-rock	082 Stormtrooper	114 Canopus
019 Machines2002	051 Rocks	083 In the Mirror	115 GrainSurgeon
020 Hol-Thingplatz	052 Jewelry	084 Siri plus3	116 DarkCave
021 HighVoltage715	053 Jewelry-i	085 HanTan	117 Lost in ASW
022 Circuitry	054 SilverDebris	086 HG-84-Nom1	118 Raiser
023 Passageway	055 Pile of Clamps	087 HG-84-Nom2	119 Far Away
024 SteelFrame	056 Cockpitview	088 Aldebaran74	120 No-WaterPhon
025 Debris of War	057 ThailandTemple	089 Oseberg1	121 BorgPhone
026 Reflections	058 Flight of Heron-i	090 Oseberg2	122 SpaceDust
027 Spectral Darkness	059 Feather-7	091 LPM-GUI	123 EmeraldSpace
028 Spectral Ghosts	060 Feather-7-i	092 AlioNoctis-GUI	124 BoiledPhone
029 SpectralMovement	061 Feather-6-i	093 SolarOrbit-GUI	125 MorPhone
030 Angie-Surreal	062 Savannah-i	094 ASW-GUI	126 WolfWaterPhon
031 AngieSurreal-i	063 ShaveGrass	095 Modetta1	127 SpaceBugs

List waveforms in HGF-Best-of-1.SF2

000 [Cpl]AiryVoices	032 [Cpl]SoftAtkPad	064 [Orc]LongOoouh	096 [Syn]HvyBrite
001 [Cpl]Aphrodisia	033 [Cpl]SparkleStr	065 [Orc]MegaStrngs	097 [Syn]LiteSync
002 [Cpl]Arcanasque	034 [Cpl]SparklyGls	066 [Orc]NoVocal	098 [Syn]LowXsaw
003 [Cpl]AtkWonder	035 [Cpl]Technoidon	067 [Orc]Organox	099 [Syn]Marimlnkosi
004 [Cpl]Ayesha	036 [Cpl]TechQuyer	068 [Orc]OrgueStr	100 [Syn]Metallic
005 [Cpl]BellSpaceX	037 [Cpl]UltraFloat	069 [Orc]OuterChoirB	101 [Syn]Narronics
006 [Cpl]Crystallite	038 [Cpl]Unexpected	070 [Orc]PaddyBell	102 [Syn]Nasalic
007 [Cpl]Darkness	039 [Cpl]Voc2Syn	071 [Orc]SadFemale	103 [Syn]Nopia
008 [Cpl]DeepSpaceX	040 [Cpl]VoxPlus	072 [Orc]SpaceOrgan	104 [Syn]OmniSaw
009 [Cpl]Exotica	041 [Orc]Aaahhha	073 [Orc]StarStrngs	105 [Syn]PSynHit
010 [Cpl]FatOnFloor	042 [Orc]Aaahtificial	074 [Orc]Stringelized	106 [Syn]Purity
011 [Cpl]FLX-Aaahh	043 [Orc]AaaOhhhs	075 [Orc]Stringsys	107 [Syn]RhodesIsle
012 [Cpl]FLXAtkPad	044 [Orc]Asianic	076 [Orc]Superstr	108 [Syn]Roaring60s
013 [Cpl]FLX-SpkIstr	045 [Orc]Aspiration	077 [Orc]Symphony	109 [Syn]SawsOff
014 [Cpl]FLX-Strgbrite	046 [Orc]Bellatrix	078 [Orc]TubularWv	110 [Syn]Saxorguitar
015 [Cpl]FlyingPad	047 [Orc]Blasomatrix	079 [Orc]UnOrganic	111 [Syn]Sharpening
016 [Cpl]Forlorn	048 [Orc]BowedStrs	080 [Orc]Voxodont	112 [Syn]Simplify
017 [Cpl]GlassBlojob	049 [Orc]BroadBras	081 [Orc]VoxOfNoise	113 [Syn]SpitBras
018 [Cpl]GlassFlute	050 [Orc]ClassicStrn	082 [Orc]WideStrngs	114 [Syn]StabMeUp
019 [Cpl]Guevercin	051 [Orc]Ensemblon	083 [Orc]WoodPipes	115 [Syn]Twinky 4
020 [Cpl]HadesLoop	052 [Orc]EthnicVoc	084 [Syn]BariSync	116 [Syn]XPulsed
021 [Cpl]Haunted	053 [Orc]ExotAtck	085 [Syn]Bassical	117 [xFx]FLX-PSstorm
022 [Cpl]HyperVox	054 [Orc]FakeQuyer	086 [Syn]Bellnharm	118 [xFx]FXGameNoiz
023 [Cpl]Layer-X	055 [Orc]FatQuyer	087 [Syn]BriteFive	119 [xFx]FX-Rattler
024 [Cpl]Layer-Z	056 [Orc]FatStringy	088 [Syn]Claviculi	120 [xFx]InsideTube
025 [Cpl]Margalit	057 [Orc]gOrganic	089 [Syn]Digitalis	121 [xFx]LostInSpace
026 [Cpl]MircalePad	058 [Orc]Gorgue	090 [Syn]Distorter	122 [xFx]NoiseBug
027 [Cpl]Morphomat	059 [Orc]HeavyOrgl	091 [Syn]DuoWave	123 [xFx]RisingHigh
028 [Cpl]NTropic	060 [Orc]HeavyOrglIb	092 [Syn]EyyYa	124 [xFx]SamUnhold
029 [Cpl]OuterChoirA	061 [Orc]Huuouuh	093 [Syn]GoodLow	125 [xFx]ShipLiftOff
030 [Cpl]Shena-org	062 [Orc]KS-FatBras	094 [Syn]Growly	126 [xFx]Tunnellizer
031 [Cpl]SmearTape	063 [Orc]LongAhhh	095 [Syn]HiPassed	127 [xFx]UnNatural

List waveforms HGF-Best-of-2.SF2

000 [Cpl]ArcaNostra	032 [Orc]AsianMetal	064 [Syn]Crunched	096 [xFx]DirtySync
001 [Cpl]BigFantasy	033 [Orc]BestAttack	065 [Syn]DigisynLite	097 [xFx]FantaBars
002 [Cpl]Caducifer	034 [Orc]BigOrchStr	066 [Syn]DXEP-Base	098 [xFx]FantaB-rev
003 [Cpl]Cassiopeia	035 [Orc]Bowed	067 [Syn]DXitar	099 [xFx]FarOut
004 [Cpl]Chordalica	036 [Orc]FakeVox	068 [Syn]FogHorn	100 [xFx]Flowater
005 [Cpl]Cinematic	037 [Orc]Fanfare	069 [Syn]FuzzDigi Z	101 [xFx]GhostRide
006 [Cpl]Clarimbowed	038 [Orc]FarFeesa	070 [Syn]GoomSV	102 [xFx]GlissHarp
007 [Cpl]Claviger	039 [Orc]Frankenhorn	071 [Syn]HvySyncFZ	103 [xFx]HarpGliss-rv
008 [Cpl]DeltaLow	040 [Orc]FrankHorn	072 [Syn]HybridBras	104 [xFx]Haunted-rev
009 [Cpl]DigiString	041 [Orc]FrankHorn2	073 [Syn]MedSyncFZ	105 [xFx]HeavyStrok
010 [Cpl]Dracius	042 [Orc]Ham'n'Egg	074 [Syn]ModChord	106 [xFx]InvWarpoon
011 [Cpl]Dvalin	043 [Orc]Kwaier	075 [Syn]OpenJaws	107 [xFx]JetNse
012 [Cpl]Enigmatic	044 [Orc]Mandala	076 [Syn]OscarSync	108 [xFx]LightningL
013 [Cpl]FemBreath	045 [Orc]Monks(Lo)	077 [Syn]ProphetSaws	109 [xFx]LtTremloBs
014 [Cpl]GlassyZone	046 [Orc]OrganaVox	078 [Syn]PS6-FatSaw	110 [xFx]MovinBell
015 [Cpl]Grumbling	047 [Orc]Organic	079 [Syn]PWM-6T	111 [xFx]NoiseLoop
016 [Cpl]HeavenlyOhh	048 [Orc]RealViolins	080 [Syn]Rodikhan	112 [xFx]NoiseOne
017 [Cpl]Helionis	049 [Orc]SadFlute	081 [Syn]SawsWet	113 [xFx]Realms
018 [Cpl]HiGhouls	050 [Orc]Shaku	082 [Syn]SimpleSine	114 [xFx]ResoBubble
019 [Cpl]Limbodrift	051 [Orc]SmokeH2O	083 [Syn]SoftDigiBell	115 [xFx]SeaSide
020 [Cpl]MetAtkF	052 [Orc]SacredOrg	084 [Syn]SquawSaw	116 [xFx]SpcWarpX
021 [Cpl]Mirkheim	053 [Orc]VCello	085 [Syn]TurblinHi	117 [xFx]Spookie!
022 [Cpl]Narcissus	054 [Orc]VStrings	086 [Syn]TurblinLo	118 [xFx]StormWind
023 [Cpl]NebulousPad	055 [Orc]XtraOrchst	087 [Syn]Voices	119 [xFx]UnNatural-r
024 [Cpl]OuterPad	056 [Syn]AfricanSaw	088 [Syn]WarmAnalog	120 [xFx]Vacuumizer
025 [Cpl]Softpudding	057 [Syn]AtkOpnBrass	089 [xFx]AlienPlanet	121 [xFx]Voeegelei
026 [Cpl]VoxObscura	058 [Syn]BellPadBreath	090 [xFx]AlienSpectr	122 [xFx]VX-Storm
027 [Cpl]WideDigi	059 [Syn]Belltronic	091 [xFx]AtckSphere	123 [xFx]WaterStream
028 [Cpl]Zephir	060 [Syn]BendInOh6T	092 [xFx]Bach	124 [xFx]WeirdLoop
029 [Orc]AirVoice	061 [Syn]Cidaria	093 [xFx]Chicadas	125 [xFx]WeirdTalk-r
030 [Orc]ArtVox	062 [Syn]Clavikhan	094 [xFx]ChordedNze	126 [xFx]Z-Bubbles
031 [Orc]AsiaBlown	063 [Syn]Corasca	095 [xFx]Clocks-rev	127 [xFx]Zirkonauts

List waveforms HGF-Retro.SF2

000 [AtS]Bass-n-Breath	032 [AtS]Stab2	064 [Cpl]BellPadsoft	096 [Syn]Fatt
001 [AtS]BassPluck1	033 [AtS]Stack1	065 [Cpl]Bubbly	097 [Syn]Fatter-brite
002 [AtS]BassPluck2	034 [AtS]Stack2	066 [Cpl]ChoirSparkle	098 [Syn]Fatter-lite
003 [AtS]BellHammer	035 [AtS]Stack3	067 [Cpl]Fantasy	099 [Syn]Fatty
004 [AtS]Bellights	036 [AtS]Stack4	068 [Cpl]MagiChoir	100 [Syn]Hollow
005 [AtS]Bell-n-Breath	037 [AtS]Stack5	069 [Cpl]PPGishPad	101 [Syn]LiteSawPad
006 [AtS]Bellpad	038 [AtS]Stack6	070 [Cpl]Sparkling	102 [Syn]MajesticBr
007 [AtS]Celestia	039 [AtS]Symphonic	071 [Cpl]Sweepy	103 [Syn]MedBrass
008 [AtS]Clocking	040 [AtS]Vibes1	072 [Cpl]SynStrinx	104 [Syn]MedFat1
009 [AtS]Drama	041 [AtS]Vibes2	073 [Cpl]Tronic	105 [Syn]Moving
010 [AtS]Dreamy	042 [AtS]Vibish	074 [Str]AtckStrings1	106 [Syn]Opener
011 [AtS]DXing	043 [AtS]Wobbler	075 [Str]BowString	107 [Syn]PolySyn
012 [AtS]DX-Pluck	044 [Cho]BottleVox	076 [Str]Ensemble	108 [Syn]Power1
013 [AtS]Glass-brite	045 [Cho]BreathChiff	077 [Str]Fairly	109 [Syn]PWMMode
014 [AtS]Glass-dark	046 [Cho]BreathComplex	078 [Str]FatString	110 [Syn]Resultimate
015 [AtS]Glass-Soft	047 [Cho]BreathVox	079 [Str]LaStrings	111 [Syn]Ronald
016 [AtS]HarpyAtmo	048 [Cho]Breathy	080 [Str]LoOctString	112 [Syn]Saws1
017 [AtS]HighEther	049 [Cho]Choirng	081 [Str]Lush	113 [Syn]Saws2
018 [AtS]KalimBreath	050 [Cho]FoggyVox	082 [Str]Lusher	114 [Syn]SloBrass
019 [AtS]LitePad1	051 [Cho]OohWaves	083 [Str]Mello	115 [Syn]SlowHorn
020 [AtS]LitePad2	052 [Cho]OohWaves2	084 [Str]Shy	116 [Syn]SoftAtkBrass
021 [AtS]Marimbic	053 [Cho]PluckVox	085 [Str]Strings2	117 [Syn]SoftBras
022 [AtS]MarimPad	054 [Cho]SkyHigh	086 [Str]StringsPad	118 [Syn]SoftPad
023 [AtS]PickSyn	055 [Cho]SoftAtk1	087 [Str]SynStrings	119 [Syn]Squarey
024 [AtS]Plucky	056 [Cho]SoftAtk2	088 [Str]Tender	120 [Syn]SunShineBrs
025 [AtS]PluckyPad	057 [Cho]SynVox 1	089 [Syn]BigBrass	121 [Syn]Swell
026 [AtS]Power2	058 [Cho]SynVox 2	090 [Syn]BigFat2	122 [Syn]UpHigh
027 [AtS]ResoAttack	059 [Cho]SynVox 3	091 [Syn]Brassy	123 [Syn]WideBrass
028 [AtS]SlowPluck	060 [Cho]Voxy1	092 [Syn]Chord	124 [xFx]ChaosOrc
029 [AtS]SoftBass	061 [Cho]Voxy2	093 [Syn]Clarinet	125 [xFx]DoomBell
030 [AtS]SoftPluck	062 [Cho]Whispery	094 [Syn]Dreamy	126 [xFx]SpaceDrift
031 [AtS]Stab1	063 [Cho]WideChoir	095 [Syn]FatSaw	127 [xFx]Tumbler