

U-20 RS-PCM
KEYBOARD

U-220 RS-PCM
SOUND MODULE



FACTORY SOUNDS

SAMPLE COLLECTION BY *nion*

INFORMATION

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All samples have been recorded at 48,000 kHz/24-bit. In some instruments, some noise may be heard at the end of samples, due to the analogue recording and the base material from the U-20/220. This could not be avoided because the U-20/220 does not have a digital output. Noise reduction has not been applied, as it also alters the sound.

All usable notes have been sampled, from midi number 024 to 127. Most instruments stop before number 127 in the U-20/220, these (empty) samples have, of course, not been included. Notes below 024 have been recreated by lowering the sample, at this depth the difference is marginal, and lower samples would be very large. If included, the total size of the library would increase a lot.

Sustained tones have been sampled up to the point where they loop (and then, looped).

Detuned tones have not been sampled, but compiled, using the same base sample set, layering it, and then changing the pitch of one set (e.g., Acoustic Piano 6, which uses the same samples as Acoustic Piano 5). To detune them, select the sample group marked 'detune' in Kontakt, and adjust the tuning knob. The tuning knob has been preset to 0.1 note.

Dual tones have been compiled using the instruments they contain (e.g., Bell Pad, which uses the samples from Fanta Bell and Synthesizer Choir. Some dual tones could not be separated. They have been sampled 'as is' (e.g., Pizzagogo).

V-mix tones have not been sampled, but compiled, using their original sample sets if possible, and mixed using the Kontakt auto X-fade tool (e.g., Acoustic Piano 1, compiled from Acoustic Piano 5 and Acoustic Piano 9).

V-switch tones have been compiled using their original sample sets if available (e.g., Electric Guitar 1, compiled from Electric Guitar 2 and Electric Guitar 3). In Kontakt, the switch point can be edited in the mapping editor. Or even changed into a v-mix tone, if you like, using the Kontakt auto X-fade tool.

Factory tones have the prefix number F---. Newly created tones have the prefix U---. Factory Patches have the prefix number P---, and Timbres have the prefix T---.

The U-20/220 Volume One expansion was released on a floppy disk in the 1990's. All Patches and Timbres from this expansion are included in this collection.

On the front panel of the Kontakt patch, you can control the amount of reverb, chorus, delay and flanger, effects that are also available in the U-220 hardware.

Of course, there are unlimited possibilities in Kontakt to create new sounds!

INSTRUMENT LIST

U-20/U-220		FACTORY PATCHES
No.	Patch Name	Built from TIMBRES
P01	Acoustic Piano	Built from Acoustic Piano 2 (panned)
P02	Chorus Piano	Built from Acoustic Piano 10
P03	Electric Piano	Built from Electric Piano 1
P04	Bright Electric Piano	Built from Bright Electric Piano
P05	Vibraphone	Built from Vibraphone 1
P06	Marimba	Built from Marimba
P07	Bell	Built from Bell
P08	Fanta Bell	Built from Fanta Bell
P09	Acoustic Guitar	Built from Acoustic Guitar 1
P10	Electric Guitar	Built from Electric Guitar 1
P11	Heavy Electric Guitar	Built from Heavy Electric Guitar
P12	Electric Organ 1	Built from Electric Organ 1
P13	Electric Organ 3	Built from Electric Organ 3
P14	Electric Organ 7	Built from Electric Organ 7
P15	Electric Organ 9	Built from Electric Organ 9
P16	Mad Organ	Built from Rock Organ 2
P17	Strings	Built from Strings 1
P18	Synthesizer Strings	Built from String Pad 2
P19	Jupiter 8 Strings	Built from Jupiter Strings
P20	Choir	Built from Choir 1
P21	Synthesizer Vox 1	Built from Synthesizer Vox 1
P22	Synthesizer Vox 2	Built from Synthesizer Vox 2
P23	Synthesizer Choir 1	Built from Synthesizer Choir 1
P24	Synthesizer Choir 2	Built from Synthesizer Choir 2
P25	Flanging Slap Bass	Built from Slap Bass 7

INSTRUMENT LIST

U-20/U-220		FACTORY PATCHES
No.	Patch Name	Built from TIMBRES
P26	Fretless Bass	Built from Fretless Bass 2
P27	Synthesizer Bass 7	Built from Synthesizer Bass 7
P28	Synthesizer Bass + Bell Pad	Built from Synthesizer Bass 5 and Bell Pad (split)
P29	Acoustic Bass + Piano	Built from Acoustic Bass and Acoustic Piano 2 (split)
P30	Singing Piano	Built from Singing Piano
P31	Splits	Built from Synthesizer Marimba, Breath, Pizz, Nails, Spectrum 1 and Native Dance (layered/split)
P32	Velo Trumpet	Built from Trumpet-Trombone 1 and Soft Trumpet 1 (velocity split)
P33	Soft Trumpet	Built from Soft Trumpet 1
P34	Trombone	Built from Trumpet-Trombone 1
P35	Brass Section	Built from Brass 1
P36	Saxophone	Built from Saxophone 1
P37	Jupiter 8 Brass	Built from Synthesizer Brass 1 and Synthesizer Brass 2 (layered)
P38	Power Brass	Built from Power Brass 1 and Power Brass 2 (layered)
P39	Flute	Built from Flute 1
P40	Shakuhachi	Built from Shakuhachi 1
P41	Fantasia	Built from Fantasia
P42	Calliope	Built from Calliope 1 and Calliope 2 (layered)
P43	Soundtrack	Built from Soundtrack 1, Soundtrack 2 and Soundtrack 3 (layered)
P44	Atmosphere	Built from Atmosphere 1 and Atmosphere 2 (layered)
P45	Future Pad	Built from Future 1 and Future 2 (layered)
P46	Pomona	Built from Pomona 1 and Pomona 2 (layered)
P47	Melodigan	Built from Melodigan 1 and Melodigan 2 (layered)
P48	Photogene	Built from Photogene 1 and Photogene 2 (layered)
P49	Endymion	Built from Endymion 1 and Endymion 2 (layered)
P50	Prelusion	Built from Prelusion1 and Prelusion2 (layered)

INSTRUMENT LIST

U-20/U-220		FACTORY PATCHES
No.	Patch Name	Built from TIMBRES
P51	Jupiters	Built from Jupiter 8 Brass and Jupiter 8 Strings (layered)
P52	Selene	Built from Selene 1 and Selene 2 (layered)
P53	Sacred Tree	Built from Sacred 1 and Sacred 2 (layered)
P54	Macho Lead	Built from Macho 1 and Macho 2 (layered)
P55	Lunar Lead	Built from Lunar 1 and Lunar 2 (layered)
P56	Harmonic Lead	Built from Harmonic 1 and Harmonic 2 (layered)
P57	Native Dance	Built from Native 1, Native 2, Native 3, Native 4 and Native 5(layered)
P58	Percussion Hit	Built from Percussion Hit 1, Percussion Hit 2 and Percussion Hit 3 (layered)
P59	Velo Combi	Built from Acoustic Piano 2, Synthesizer Vox 1 and Strings 1 (layered)
P60	Split Combi	Built from Drums, Marimba, Rock Organ 2, Trumpet-Trombone 1, Synthesizer Harp and Singing Piano (layered/split)
P61	Rotor Craft	Built from Rotor 1, Rotor 2 and Rotor 3 (layered)
P62	Emergency	Built from Emergency 1, Emergency 2, Emergency 3, Emergency 4 and Emergency 5 (layered)
P63	Deepsea	Built from Deep 1, Deep 2 and Deep 3 (layered)
P64	Catastrophe	Built from Catastrophe 1, Catastrophe 2, Catastrophe 3, Catastrophe 4 and Catastrophe 5 (layered)

INSTRUMENT LIST

U-20/U-220		FACTORY TIMBRES
No.	Patch Name	Built from TONES
T001	Acoustic Piano 2	Built from Acoustic Piano 2
T002	Acoustic Piano 4	Built from Acoustic Piano 4
T003	Acoustic Piano 10	Built from Acoustic Piano 10
T004	Electric Piano 1	Built from Electric Piano 1
T005	Electric Piano 5	Built from Electric Piano 5
T006	Bright Electric Piano	Built from Bright Electric Piano 2
T007	Vibraphone 1	Built from Vibraphone 1
T008	Marimba	Built from Marimba
T009	Bell	Built from Bell 1
T010	Fanta Bell	Built from Fanta Bell
T011	Acoustic Guitar 1	Built from Acoustic Guitar 1
T012	Electric Guitar 1	Built from Electric Guitar 1
T013	Heavy Electric Guitar	Built from Heavy Electric Guitar 1
T014	Electric Organ 1	Built from Electric Organ 1
T015	Electric Organ 3	Built from Electric Organ 3
T016	Electric Organ 5	Built from Electric Organ 5
T017	Electric Organ 7	Built from Electric Organ 7
T018	Electric Organ 9	Built from Electric Organ 9
T019	Rock Organ 2	Built from Rock Organ 2
T020	Strings 1	Built from Strings 1
T021	Strings 3	Built from Strings 3
T022	Stringpad 2	Built from Stringpad 2
T023	Jupiter Strings	Built from Jupiter Strings
T024	Choir 1	Built from Choir 1
T025	Choir 3	Built from Choir 1

U-20/U-220		FACTORY TIMBRES
No.	Patch Name	Built from TONES
T026	Synthesizer Vox 1	Built from Synthesizer Vox 1
T027	Synthesizer Vox 2	Built from Synthesizer Vox 2
T028	Synthesizer Choir 1	Built from Synthesizer Choir
T029	Synthesizer Choir 2	Built from Electric Piano 2
T030	Slap Bass 1	Built from Slap Bass 1
T031	Slap Bass 7	Built from Slap Bass 7
T032	Fingered Bass 1	Built from Fingered Bass 1
T033	Picked Bass 1	Built from Picked Bass 1
T034	Fretless Bass 2	Built from Fretless Bass 2
T035	Acoustic Bass	Built from Acoustic Bass
T036	Synthesizer Bass 4	Built from Synthesizer Bass 4
T037	Synthesizer Bass 5	Built from Synthesizer Bass 5
T038	Synthesizer Bass 6	Built from Synthesizer Bass 6
T039	Synthesizer Bass 7	Built from Synthesizer Bass 7
T040	Soft Trumpet 1	Built from Soft Trumpet 1
T041	Trumpet-Trombone 1	Built from Trumpet-Trombone 1
T042	Brass 1	Built from Brass 1
T043	Saxophone 1	Built from Saxophone 1
T044	Synthesizer Brass 1	Built from Jupiter Brass 1
T045	Synthesizer Brass 2	Built from Rich Brass
T046	Power Brass 1	Built from Rich Brass
T047	Power Brass 2	Built from Rich Brass
T048	Jupiter Brass 2	Built from Jupiter Brass 2
T049	Flute 1	Built from Flute 1
T050	Shakuhachi 1	Built from Shakuhachi 1

INSTRUMENT LIST

U-20/U-220		FACTORY TIMBRES
No.	Patch Name	Built from TONES
T051	Bell Pad	Built from Bell Pad
T052	Breath Vox	Built from Breath Vox
T053	Pizzagogo	Built from Pizzagogo
T054	Spectrum Bell	Built from Spectrum Bell
T055	Bell Drum	Built from Bell Drum
T056	Synthesizer Harp	Built from Synthesizer Harp
T057	Pulse Wave 1	Built from Pulse Wave 1
T058	Pulse Wave 2	Built from Pulse Wave 2
T059	Pulse Wave 3	Built from Pulse Wave 3
T060	Saw Wave 1	Built from Saw Wave 1
T061	Saw Wave 2	Built from Saw Wave 2
T062	Metal	Built from Metal
T063	Singing Piano	Built from Acoustic Piano 5
T064	Synthesizer Marimba	Built from Marimba
T065	Fantasia	Built from Fantasia
T066	Calliope 1	Built from Calliope
T067	Calliope 2	Built from Spectrum 1
T068	Soundtrack 1	Built from Pulse Wave 3
T069	Soundtrack 2	Built from Pulse Wave 3
T070	Soundtrack 3	Built from Pulse Wave 3
T071	Atmosphere 1	Built from Acoustic Guitar 3
T072	Atmosphere 2	Built from Brastrings
T073	Future 1	Built from Synthesizer Vox 2
T074	Future 2	Built from Electric Piano 2
T075	Pomona 1	Built from Synthesizer Harp

U-20/U-220		FACTORY TIMBRES
No.	Patch Name	Built from TONES
T076	Pomona 2	Built from Pulse Wave 3
T077	Melodigan 1	Built from Spectrum 2
T078	Melodigan 2	Built from Vibraphone 1
T079	Photogene 1	Built from Electric Piano 5
T080	Photogene 2	Built from Electric Piano 2
T081	Endymion 1	Built from Pulse Wave 1
T082	Endymion 2	Built from Jupiter Strings
T083	Prelusion 1	Built from Synthesizer Vox 1
T084	Prelusion 2	Built from Bell Pad
T085	Jupiter 8 Brass	Built from Jupiter Brass 1
T086	Jupiter 8 Strings	Built from Jupiter Strings
T087	Selene 1	Built from Synthesizer Vox 2
T088	Selene 2	Built from Spectrum 2
T089	Sacred 1	Built from Jupiter Strings
T090	Sacred 2	Built from Synthesizer Vox 1
T091	Macho 1	Built from Saw Wave 1
T092	Macho 2	Built from Saw Wave 1
T093	Lunar 1	Built from Pulse Wave 1
T094	Lunar 2	Built from Pulse Wave 1
T095	Harmonic 1	Built from Pulse Wave 1
T096	Harmonic 2	Built from Pulse Wave 3
T097	Harmonic 3	Built from Synthesizer Harp
T098	Native 1	Built from Spectrum 1
T099	Native 2	Built from Acoustic Guitar 4
T100	Native 3	Built from Native Dance

INSTRUMENT LIST

U-20/U-220		FACTORY TIMBRES
No.	Patch Name	Built from TONES
T101	Native 4	Built from Spectrum 2
T102	Native 5	Built from Spectrum 2
T103	Percussion Hit 1	Built from Metal
T104	Percussion Hit 2	Built from Marimba
T105	Percussion Hit 3	Built from Nails
T106	Rotor 1	Built from Metal
T107	Rotor 2	Built from Acoustic Guitar 1
T108	Rotor 3	Built from Fanta Bell
T109	Emergency 1	Built from Saw Wave 2
T110	Emergency 2	Built from Saw Wave 2
T111	Emergency 3	Built from Spectrum 1
T112	Emergency 4	Built from Spectrum 1
T113	Emergency 5	Built from Spectrum 1
T114	Deep 1	Built from Native Dance

U-20/U-220		FACTORY TIMBRES
No.	Patch Name	Built from TONES
T115	Deep 2	Built from Spectrum Bell
T116	Deep 3	Built from Bell Drum
T117	Catastrophe 1	Built from Synthesizer Harp
T118	Catastrophe 2	Built from Synthesizer Harp
T119	Catastrophe 3	Built from Spectrum 1
T120	Catastrophe 4	Built from Synthesizer Vox 1
T121	Catastrophe 5	Built from Strings 3
T122	Pizz	Built from Pizz
T123	Breath	Built from Breath
T124	Nails	Built from Nails
T125	Spectrum 1	Built from Spectrum 1
T126	Spectrum 2	Built from Spectrum 2
T127	Native Dance	Built from Native Dance
T128	Drums	Built from Drums

INSTRUMENT LIST

U-20/U-220		VOLUME ONE PATCHES
No.	Patch Name	Built from TIMBRES
P01	Balkanese	Built from Balkanse 2 (panned)
P02	Big Analog	Built from Analog Ensemble (panned)
P03	All Strings	Built from Rhythm Strings
P04	Orchestra Hit	Built from Acoustic Bass Tack, Lips 2, Synth Pitch Strings and Breathcusion
P05	Maritim	Built from Fluid DX
P06	Futuristic	Built from Touch Down and Lift Off
P07	12 String + FlagSlap	Built from 12 String and Chorus Slap (split)
P08	Flute-FlagSlap	Built from Flute Pad and Chorus Slap (split)
P09	Fluty Dream	Built from Flute Pad and Flageo Harp (split)
P10	Santurion	Built from Balkanese 1 and Flageo Harp (split)
P11	20th Century	Built from Random Pitched Strings and Slow Jupiter Strings
P12	Voxy Sarah	Built from Tender Sarah and Voxy
P13	String Hit	Built from Synth Pitch Strings and Balkanese 1
P14	Bubble Oil	Built from Bubble and Oil Company
P15	All Ways	Built from Down Choir and Up Choir
P16	Sarahnet	Built from Harpinet and Short Sarah
P17	Fanta Flute	Built from Fanta Games and Lip Flute
P18	Pizz Puin	Built from Release Organd and Pizz Piano
P19	Tasty Fluids	Built from Fluid DX and Levitation
P20	Heavy Synth	Built from Solo Saw and Heavy Rise
P21	Saxy Synth	Built from Solo Saw and Saxy 1
P22	Big Synth Brass	Built from Frog Bass and Metal Synth Bass
P23	Velo Switch Bass	Built from Chorus Slap and Warm Fingers (switch)
P24	Folk Ensemble	Built from Bowed Acoustic Bass
P25	Tropical Forest	Built from Sea Birds and Tropic Bird

INSTRUMENT LIST

U-20/U-220		VOLUME ONE PATCHES
No.	Patch Name	Built from TIMBRES
P26	Bird Symphony	Built from Sea Birds, Tropic Bird and Analog Ensemble (switch)
P27	Nice Brass	Built from Jupiter Brass 1 and Synth Trumpet
P28	Shaky Spec	Built from Shaku Tack and Oil Company
P29	Procession 1	Built from Tuba and Synth Trumpet
P30	Stereo Mute	Built from Al Di Meola and Mute Guitar
P31	Warm Synth Pad	Built from Harmonium 1 and Almost OB 2
P32	Xylo Harp	Built from Smooth Synth Harp and Xylophone
P33	Big Brass	Built from Pitch Brass and Slow Brass
P34	Procession 2	Built from Tuba and Slow Brass
P35	Brassuhachi	Built from Shakushorti and Slow Brass
P36	Shaku Synth Bass	Built from Shakushorti and Metal Synth Bass
P37	Both Worlds	Built from Random Pitched Strings and Almost OB 1
P38	Choir +5th	Built from Random Pitched Strings and Fading Choir
P39	Shortnweider	Built from Harpinet and Banjo Synth
P40	Back From Mars	Built from Fall Strings and Down Choir
P41	Fanta Drama	Built from Late Octave Strings and Fanta Games
P42	Hit The Wood	Built from Native Tack and Bell Tack
P43	Triple Harp	Built from Pizz Piano, Flageo Harp and Smooth Synth Harp (split)
P44	Arco Strings	Built from String Tack and Harmonium 2
P45	D50 Like 1	Built from Lips 1 and Harmonium 1
P46	D50 Like 2	Built from Lips 2 and Harmonium 1
P47	D50 Like 3	Built from Piano Tack and Breathcusion
P48	D50 Piano	Built from Piano Tack and Harmonium 2
P49	See The Clouds	Built from Sea Birds, Tropic Bird and Tender Sarah
P50	Saxolog	Built from Saxy 1 and Old ARP

INSTRUMENT LIST

U-20/U-220		VOLUME ONE PATCHES
No.	Patch Name	Built from TIMBRES
P51	Hearing	Built from Spec Tack and Synth Clarinet
P52	Clarorgan	Built from Pipe Organ 2 and Synth Clarinet
P53	Lazy Strings	Built from String Tack and Bowed Acoustic Bass
P54	Stringy Vibe	Built from String Tack and Singing Vibe
P55	Rhythm String	Built from String Tacks and Rhythm Strings
P56	Piano+Strings	Built from Piano Tack and Rhythm Strings
P57	Slapitack	Built from Piano Tack and Chorus Slap
P58	Bubble Slap	Built from Bubble and Chorus Slap
P59	Indian String	Built from Levitation and Rhythm Strings
P60	DX Fantasia	Built from DX Dream and Fanta Games
P61	Guitvio	Built from Guitar Tack and Synth Fiddle
P62	Piano Brass	Built from Piano Tack and Slow Brass
P63	Whisper Pipes	Built from Pipe Organ 2 and Voxy
P64	Orbit Strings	Built from Auto 5 th Strings and Fall Strings

INSTRUMENT LIST

U-20/U-220		
VOLUME ONE TIMBRES		
No.	Patch Name	Built from TONES
T001	Pitchy Piano	Built from Acoustic Piano 4
T002	Smooth Piano	Built from Acoustic Piano 5
T003	Levitation	Built from Acoustic Piano 10
T004	Fluid DX	Built from Bright Electric Piano 2
T005	Singing Vibe	Built from Vibraphone 3
T006	Wet Marimba	Built from Marimba
T007	Xylophone	Built from Marimba
T008	Clockwork	Built from Bell 2
T009	Tropic Bird	Built from Flute 1
T010	12 String	Built from Acoustic Guitar 4
T011	Al Di Meola	Built from Acoustic Guitar 3
T012	Long E Guitar	Built from Electric Guitar 3
T013	Mute Guitar	Built from Electric Guitar 2
T014	Fretless Guitar	Built from Electric Guitar 2
T015	Heavy Fall	Built from Heavy Electric Guitar 2
T016	Knock Out	Built from Heavy Electric Guitar 2
T017	Heavy Rise	Built from Heavy Electric Guitar 2
T018	Percussion Organ	Built from Electric Organ 6
T019	Perc Rotorgan	Built from Rock Organ 2
T020	Rhythm Strings	Built from Strings 2
T021	Touch My Drama	Built from Strings 2
T022	Synth Pitch Strings	Built from Strings 3
T023	More Jupiter Strings	Built from Jupiter 8 Strings
T024	Solo Singer	Built from Choir 1
T025	Omega Choir	Built from Choir 1

U-20/U-220		
VOLUME ONE TIMBRES		
No.	Patch Name	Built from TONES
T026	Percussion Vocals	Built from Choir 1
T027	Synth Clarinet	Built from Calliope
T028	Analog Reed	Built from Pulse Wave 3
T029	Old ARP	Built from Pulse Wave 1
T030	Touch Sarah	Built from Synthesizer Vox 2
T031	Breathcusion	Built from Breath Vox
T032	Painful	Built from Synthesizer Choir
T033	Chorus Slap	Built from Slap Bass 10
T034	Warm Fingers	Built from Fingered Bass 1
T035	Picked Chorus	Built from Picked Bass 2
T036	Bowed Acoustic Bass	Built from Acoustic Bass
T037	Metal Synthesizer Bass	Built from Synthesizer Bass 2
T038	Frog Bass	Built from Saw Wave 2
T039	Shakushorti	Built from Shakuhachi 1
T040	Synth Trumpet	Built from Soft Trumpet 2
T041	Pitch Brass	Built from Brass 1
T042	Slow Brass	Built from Brass 1
T043	Almost OB 1	Built from Rich Brass
T044	Almost OB 2	Built from Rich Brass
T045	Jupiter Brass 1	Built from Jupiter 8 Brass 1
T046	Caribic Brass	Built from Jupiter 8 Brass 2
T047	Tuba	Built from Trumpet-Trombone 2
T048	Pizzaonly	Built from Pizzagogo
T049	Touch Down	Built from Spectrum Bell
T050	Lift Off	Built from Spectrum 1

INSTRUMENT LIST

U-20/U-220		
No.	Patch Name	Built from TONES
T051	Underground	Built from Bell Drum
T052	Smooth Synth Harp	Built from Synth Harp
T053	Solo Saw	Built from Saw Wave 1
T054	Metal Pad	Built from Metal
T055	Singing Bell Pad	Built from Bell Pad
T056	Alarm	Built from Rich Brass
T057	Sea Birds	Built from Spectrum 1
T058	Data Dump	Built from Spectrum 2
T059	Crazy Native	Built from Native Dance
T060	Harmonium 1	Built from Saw Wave 2
T061	Harmonium 2	Built from Pulse Wave 2
T062	Flute Pad	Built from Flute 1
T063	Banjo Synth	Built from Synthesizer Bass 4
T064	Crazy Pizz	Built from Synthesizer Bass 8
T065	Harpinet	Built from Synth Harp
T066	Smooth Synth Harp	Built from Synth Harp
T067	Fanta Games	Built from Fantasia
T068	Reversity	Built from Acoustic Guitar 3
T069	Analog Ensemble	Built from Brastrings
T070	Jingle Bells	Built from Fanta Bell
T071	Rhode Island	Built from Electric Piano 2
T072	Release Organ	Built from Electric Organ 8
T073	Caribbean Spectrum	Built from Spectrum 2
T074	Oil Company	Built from Spectrum 1
T075	Synth Fiddle	Built from Rich Brass

U-20/U-220		
No.	Patch Name	Built from TONES
T076	Voxy	Built from Synthesizer Vox 2
T077	Scratch Pulse	Built from Pulse Wave 1
T078	Slow Jupiter Strings	Built from Jupiter 8 Strings
T079	Short Sarah	Built from Synthesizer Vox 1
T080	Tender Sarah	Built from Synthesizer Vox 1
T081	Belliano	Built from Bell Pad
T082	Pipe Organ 1	Built from Electric Organ 4
T083	Pipe Organ 2	Built from Electric Organ 8
T084	Pipe Organ 3	Built from Electric Organ 2
T085	Mod Strings	Built from String Pad 1
T086	Fading Choir	Built from Choir 1
T087	Late Octave Strings	Built from Strings 3
T088	Auto 5th Strings	Built from Strings 1
T089	Random Pitched Strings	Built from Strings 1
T090	Lunar 3	Built from Pulse Wave 3
T091	Staccato-Legato	Built from Metal
T092	Balkanese 1	Built from Acoustic Guitar 3
T093	Balkanese 2	Built from Acoustic Guitar 2
T094	Flageo Harp	Built from Slap Bass 2
T095	Fretless Synth	Built from Fretless Bass 2
T096	Pitchrimba	Built from Marimba
T097	Touch My Fuzz	Built from Heavy Electric Guitar 2
T098	Metallics	Built from Metal
T099	Reverse Marimba	Built from Marimba
T100	Bubble	Built from Nails

INSTRUMENT LIST

U-20/U-220		
VOLUME ONE TIMBRES		
No.	Patch Name	Built from TONES
T101	Down Choir	Built from Choir 1
T102	Up Choir	Built from Choir 1
T103	Fall Strings	Built from Strings 1
T104	Stringrise	Built from Strings 1
T105	Harpiano	Built from Acoustic Piano 10
T106	DX Dream	Built from Bright Electric Piano 2
T107	Pizz Piano	Built from Acoustic Piano 3
T108	Pizzi Poppy	Built from Slap Bass 2
T109	Organ Perc	Built from Electric Organ 6
T110	Britch	Built from Jupiter 8 Brass 1
T111	Lip Flute	Built from Flute 1
T112	Breathack	Built from Breath
T113	Saxy 1	Built from Saxophone 1
T114	Saxy 2	Built from Saxophone 5

U-20/U-220		
VOLUME ONE TIMBRES		
No.	Patch Name	Built from TONES
T115	T115 Shaku Tack	Built from Shakuhachi 1
T116	String Tack	Built from Strings 2
T117	Piano Tack	Built from Acoustic Piano 9
T118	Lips 1	Built from Soft Trumpet 1
T119	Lips 2	Built from Brass 1
T120	Native Tack	Built from Native Dance
T121	Guitar Tack	Built from Acoustic Guitar 4
T122	Fanta Tack	Built from Fantasia
T123	Acoustic Bass Tack	Built from Acoustic Bass
T124	Bell Tack	Built from Bell 2
T125	Spec Tack	Built from Spectrum Bell
T126	Synthesizer Bass Tack	Built from Synthesizer Bass 6
T127	Heavy Tack	Built from Heavy Electric Guitar 1
T128	Short Drums	Built from Drums

INSTRUMENT LIST

U-20/U-220		INTERNAL	
No.	Tone Name	Type	Remarks
FACTORY TONES			
ACOUSTIC PIANO			
F001	Acoustic Piano 1	V-mix	Soft (mellow). Impossible to split. Compiled using Acoustic Piano 5 and 9. Acoustic Piano 9 mixes in at 'v=065'.
F002	Acoustic Piano 2	V-mix	Impossible to split. Compiled using Acoustic Piano 5 and 7. Acoustic Piano 7 mixes in at 'v=065'.
F003	Acoustic Piano 3	V-mix	Bright (tone). Impossible to split. Compiled using Acoustic Piano 5 and 7. Acoustic Piano 7 mixes in at 'v=033'.
F004	Acoustic Piano 4	V-mix	Honky-tonk. Impossible to split. Instead of v-mix, this is probably a dual tone.
F005	Acoustic Piano 5	Single	Soft (touch).
F006	Acoustic Piano 6	Detune	Soft (touch). Compiled using Acoustic Piano 5.
F007	Acoustic Piano 7	Single	Hard (touch).
F008	Acoustic Piano 8	Detune	Hard (touch). Compiled using Acoustic Piano 7.
F009	Acoustic Piano 9	Single	Hard and bright.
F010	Acoustic Piano 10	Detune	Hard and bright. Compiled using Acoustic Piano 9.
ELECTRIC PIANO			
F011	Electric Piano 1	V-mix	Soft and hard. Compiled using Electric Piano 2 and 4. Electric Piano 4 mixes in at 'v=065'.
F012	Electric Piano 2	Single	Soft.
F013	Electric Piano 3	Detune	Soft. Compiled using Electric Piano 2.
F014	Electric Piano 4	Single	Hard.
F015	Electric Piano 5	Detune	Hard. Compiled using Electric Piano 4.
F016	Bright Electric Piano 1	Single	Long decay.
F017	Bright Electric Piano 2	Detune	Long decay. Compiled using Bright Electric Piano 1.

INSTRUMENT LIST

U-20/U-220		INTERNAL	
No.	Tone Name	Type	Remarks
VIBRAPHONE			
F018	Vibraphone 1	Single	Soft.
F019	Vibraphone 2	Detune	Soft. Compiled using Vibraphone 1.
F020	Vibraphone 3	V-mix	Soft and hard. Compiled using Vibraphone 1 and the 'v=127' samples from Vibraphone 3. Vibraphone 3 mixes in at 'v=065'.
BELL			
F021	Bell 1	Single	Long decay (release). Looped. Sampled from note 048.
F022	Bell 2	Detune	Long decay (release). Looped. Compiled using Bell 1.
MARIMBA			
F023	Marimba	Single	Short decay.
ACOUSTIC GUITAR			
F024	Acoustic Guitar 1	Single	
F025	Acoustic Guitar 2	Detune	Compiled using Acoustic Guitar 1.
F026	Acoustic Guitar 3	Dual	Impossible to split.
F027	Acoustic Guitar 4	Dual	Added lower octave. Compiled using Acoustic Guitar 1.
F028	Acoustic Guitar 5	V-switch	Slow attack / fast (v=100).
ELECTRIC GUITAR			
F029	Electric Guitar 1	V-switch	Muted / unmuted (v=100). Compiled using Electric Guitar 2 and 3.
F030	Electric Guitar 2	Single	Muted.
F031	Electric Guitar 3	Single	Unmuted.
F032	Electric Guitar 4	Detune	Compiled using Electric Guitar 3.
F033	Heavy Electric Guitar 1	Single	Combination fifths. Looped. Different harmonics from A#2 and up.
F034	Heavy Electric Guitar 2	Detune	Combination fifths. Compiled using Heavy Electric Guitar 1.

INSTRUMENT LIST

U-20/U-220		INTERNAL	
No.	Tone Name	Type	Remarks
SLAP BASS			
F035	Slap Bass 1	Single	Pulled, thumped, harmonics (E2, F#4). E2 = note number 040, F#4 = 066.
F036	Slap Bass 2	Detune	Pulled, thumped, harmonics (E2, F#4). Compiled using Slap Bass 1.
F037	Slap Bass 3	Single	Pulled, thumped, harmonics (B2, F#4). B2 = 047. Thumped samples and harmonics from Slap Bass 1.
F038	Slap Bass 4	Detune	Pulled, thumped, harmonics (B2, F#4). Compiled using Slap Bass 1 and 3.
F039	Slap Bass 5	V-switch	Thumped (to E2) / pulled (F2-F4) (v=100), harmonics (F#4). Harmonics from Slap Bass 1 and 3.
F040	Slap Bass 6	V-switch	Slow attack / fast attack (v=100), harmonics (F#4). Thumped, pulled (E2), compiled using Slap Bass 1 (fast attack) and 6 (slow attack).
F041	Slap Bass 7	Single	Pulled, thumped, harmonics (E2, C#4). C#4 = 061.
F042	Slap Bass 8	Detune	Pulled, thumped, harmonics (B2, C#4). Compiled using Slap Bass 7.
F043	Slap Bass 9	Single	Pulled, thumped, harmonics (B2, C#4). Thumped samples and harmonics from Slap Bass 7.
F044	Slap Bass 10	Detune	Pulled, thumped, harmonics (B2, C#4). Compiled using Slap Bass 7 and 9.
F045	Slap Bass 11	V-switch	Thumped (to E2)/ pulled (F2-F4) (v=100), harmonics (C#4). Harmonics from Slap Bass 7 and 9.
F046	Slap Bass 12	V-switch	Slow attack / fast attack (v=100), harmonics (C#4). Thumped, pulled (E2), compiled using Slap Bass 7 (fast attack) and 12 (slow attack).
FINGERED BASS			
F047	Fingered Bass 1	Single	Fingered, harmonics (C#5). C#5 = 073.
F048	Fingered Bass 2	Detune	Fingered, harmonics (C#5). Compiled using Fingered Bass 1.
PICKED BASS			
F049	Picked Bass 1	Single	
F050	Picked Bass 2	Detune	Compiled using Picked Bass 1.
FRETLESS BASS			
F051	Fretless Bass 1	Single	Fretless, harmonics (D#6). D#6 = 087.
F052	Fretless Bass 2	Detune	Fretless, harmonics (D#6). Compiled using Fretless Bass 1.
ACOUSTIC BASS			
F053	Acoustic Bass 1	V-mix	Added fret noise. Two velocity layers.

INSTRUMENT LIST

U-20/U-220		INTERNAL	
No.	Tone Name	Type	Remarks
SYNTHESIZER BASS			
F054	Synthesizer Bass 1	V-mix	Soft and Hard (touch). Compiled using Synthesizer Bass 2 and 3.
F055	Synthesizer Bass 2	Single	Soft (touch). Looped.
F056	Synthesizer Bass 3	Single	Hard (touch). Looped.
F057	Synthesizer Bass 4	Single	Looped. Sampled from note 012.
F058	Synthesizer Bass 5	Single	Looped.
F059	Synthesizer Bass 6	Single	Looped.
F060	Synthesizer Bass 7	Single	Looped. Sampled from note 012.
F061	Synthesizer Bass 8	V-mix	Looped. Compiled using Synthesizer Bass 4 and 7.
CHOIR			
F062	Choir 1	Single	Slow attack, long decay (release). Looped.
F063	Choir 2	Single	Fast attack, short decay (release). Looped. Compiled using Choir 1.
F064	Choir 3	Dual	Slow attack, long decay (release), added lower octave. Compiled using Choir 1.
F065	Choir 4	Dual	Fast attack, short decay (release), added lower octave. Compiled using Choir 1.
STRINGS			
F066	Strings 1	Single	Long decay (release). Looped.
F067	Strings 2	Single	Short decay (release). Looped.
F068	Strings 3	Dual	Long decay (release), added lower octave. Compiled using Strings 1.
F069	Strings 4	Dual	Short decay (release), added lower octave. Compiled using Strings 2.
ORGAN			
F070	Electric Organ 1	Single	Looped.
F071	Electric Organ 2	Detune	Compiled using Electric Organ 1.
F072	Electric Organ 3	Single	Looped.
F073	Electric Organ 4	Detune	Compiled using Electric Organ 3.
F074	Electric Organ 5	Single	Looped.

INSTRUMENT LIST

U-20/U-220		INTERNAL	
No.	Tone Name	Type	Remarks
F075	Electric Organ 6	Detune	Compiled using Electric Organ 5.
F076	Electric Organ 7	Single	Looped.
F077	Electric Organ 8	Detune	Compiled using Electric Organ 7.
F078	Electric Organ 9	Dual	Compiled using Electric Organ 1 and 3.
F079	Rock Organ 1	Dual	Looped. Impossible to split. Several notes could not be looped; therefore, cross fading has been applied at the end of these samples.
F080	Rock Organ 2	Dual	Looped. Impossible to split. Several notes could not be looped; therefore, cross fading has been applied at the end of these samples. Compiled using Rock Organ 1 and 2.
BRASS			
F081	Soft Trumpet 1	Single	Looped.
F082	Soft Trumpet 2	Detune	Compiled using Soft Trumpet 1.
F083	Trumpet/Trombone 1	Single	Looped.
F084	Trumpet/Trombone 2	Single	Soft. Looped. Compiled using Trumpet/Trombone 1 and 2.
F085	Trumpet/Trombone 3	Single	Bright. Looped. Compiled using Trumpet/Trombone 1 and 3.
F086	Saxophone 1	Single	Looped.
F087	Saxophone 2	Single	Soft. Looped. Compiled using Saxophone 1 and 2.
F088	Saxophone 3	Single	Bright. Looped. Compiled using Saxophone 1 and 3.
F089	Saxophone 4	Detune	Compiled using Saxophone 1 and 3.
F090	Saxophone 5	Dual	Added lower octave. Compiled using Saxophone 1 and 3.
F091	Brass 1	Single	Looped.
WOODWINDS			
F092	Flute 1	Single	Looped.
F093	Shakuhachi 1	Single	Looped.
F094	Shakuhachi 2	Detune	Looped. Compiled using Shakuhachi 1.

INSTRUMENT LIST

U-20/U-220		INTERNAL	
No.	Tone Name	Type	Remarks
SYNTHESIZER			
F095	Fantasia	Dual	Looped. Compiled using Fantasia and Fanta Bell.
F096	Bell Pad	Dual	Looped. Compiled using Fanta Bell and Synthesizer Choir
F097	Synthesizer Choir	Single	Looped.
F098	Breath Vox	Dual	Looped.
F099	Synthesizer Vox 1	Single	Looped.
F100	Synthesizer Vox 2	Single	Looped.
F101	Loud Calliope	Dual	Looped.
F102	Calliope	Single	Looped.
F103	Metal Hit	Dual	Looped. Compiled using Rich Brass and Metal.
F104	Rich Brass	Single	Looped.
F105	Jupiter Brass 1	Single	Looped.
F106	Jupiter Brass 2	Single	Looped.
F107	Brastrings	Dual	Looped. Compiled using Rich Brass and Stringpad 1.
F108	Stringpad 1	Single	Looped.
F109	Stringpad 2	Dual	Looped. Compiled using Stringpad 1 and Fantasia.
F110	Jupiter Strings	Single	Looped.
F111	Pizzagogo	Dual	Looped.
F112	Fanta Bell	Single	
F113	Spectrum Bell	Dual	Compiled using Fanta Bell and Spectrum 1.
F114	Bell Drum	Dual	Compiled using Bell Drum and Spectrum 1. Sampled from note 048.
F115	Synth Harp	Single	
F116	Pulsewave 1	Single	Looped.
F117	Pulsewave 2	Single	Looped.
F118	Pulsewave 3	Single	Looped.

INSTRUMENT LIST

U-20/U-220		INTERNAL	
No.	Tone Name	Type	Remarks
F119	Saw Wave 1	Single	Looped.
F120	Saw Wave 2	Single	Looped.
F121	Pizz	Single	Sampled from note 036.
F122	Metal	Single	
F123	Breath	Single	
F124	Nails	Single	
F125	Spectrum 1	Single	Looped. Sampled from note 012.
F126	Spectrum 2	Single	Looped. Sampled from note 012.
F127	Native Dance	Single	Looped. Sampled from note 000.
DRUMS			
F128	Drums	Single	

INSTRUMENT LIST

U-20/U-220		INTERNAL	
No.	Tone Name	Type	Remarks
USER TONES			
ACOUSTIC PIANO			
U001	Acoustic Piano 1 Sustain	V-mix	Sustained. Soft (mellow). Impossible to split. Compiled using Acoustic Piano Sustain 5 and 9. Acoustic Piano Sustain 9 mixes in at 'v=065'.
U002	Acoustic Piano 1 Decay	V-mix	Long decay. Soft (mellow). Impossible to split. Compiled using Acoustic Piano Sustain 5 and 9. Acoustic Piano Sustain 9 mixes in at 'v=065'.
U003	Acoustic Piano 2 Sustain	V-mix	Sustained. Impossible to split. Compiled using Acoustic Piano Sustain 5 and 7. Acoustic Piano Sustain 7 mixes in at 'v=065'.
U004	Acoustic Piano 2 Decay	V-mix	Long decay. Impossible to split. Compiled using Acoustic Piano Sustain 5 and 7. Acoustic Piano Sustain 7 mixes in at 'v=065'.
U005	Acoustic Piano 3 Sustain	V-mix	Sustained. Bright (tone). Impossible to split. Compiled using Acoustic Piano Sustain 5 and 7. Acoustic Piano Sustain 7 mixes in at 'v=033'.
U006	Acoustic Piano 3 Decay	V-mix	Long decay. Bright (tone). Impossible to split. Compiled using Acoustic Piano Sustain 5 and 7. Acoustic Piano Sustain 7 mixes in at 'v=033'.
U007	Acoustic Piano 4 Sustain	V-mix	Sustained. Honky-tonk. Impossible to split. Instead of v-mix, this is probably a dual tone.
U008	Acoustic Piano 4 Decay	V-mix	Long decay. Honky-tonk. Impossible to split. Instead of v-mix, this is probably a dual tone.
U009	Acoustic Piano 5 Sustain	Single	Sustained. Soft (touch).
U010	Acoustic Piano 5 Decay	Single	Long decay. Soft (touch).
U011	Acoustic Piano 6 Sustain	Detune	Sustained. Soft (touch). Compiled using Acoustic Piano Sustain 5.
U012	Acoustic Piano 6 Decay	Detune	Long decay. Soft (touch). Compiled using Acoustic Piano Sustain 5.
U013	Acoustic Piano 7 Sustain	Single	Sustained. Hard (touch).
U014	Acoustic Piano 7 Decay	Single	Long decay. Hard (touch).
U015	Acoustic Piano 8 Sustain	Detune	Sustained. Hard (touch). Compiled using Acoustic Piano Sustain 7.
U016	Acoustic Piano 8 Decay	Detune	Long decay. Hard (touch). Compiled using Acoustic Piano Sustain 7.
U017	Acoustic Piano 9 Sustain	Single	Sustained. Hard and bright.
U018	Acoustic Piano 9 Decay	Single	Long decay. Hard and bright.
U019	Acoustic Piano 10 Sustain	Detune	Sustained. Hard and bright. Compiled using Acoustic Piano Sustain 9.

INSTRUMENT LIST

U-20/U-220		INTERNAL	
No.	Tone Name	Type	Remarks
U020	Acoustic Piano 10 Decay	Detune	Long decay. Hard and bright. Compiled using Acoustic Piano Sustain 9.
ELECTRIC PIANO			
U021	Electric Piano 1 Sustain	V-mix	Soft & hard, sustained. Compiled using Electric Piano 2 Sustain and 4 Sustain. Electric Piano 4 Sustain mixes in at 'v=065'.
U022	Electric Piano 1 Decay		Soft & hard, long decay. Looped. Compiled using Electric Piano 2 Sustain and 4 Sustain. Electric Piano 4 Sustain mixes in at 'v=065'.
U023	Electric Piano 2 Sustain	Single	Soft, sustained. Looped.
U024	Electric Piano 2 Decay	Single	Soft, long decay. Looped. Compiled using Electric Piano 2 Sustain.
U025	Electric Piano 3 Sustain	Detune	Soft, sustained. Looped. Compiled using Electric Piano 2 Sustain.
U026	Electric Piano 3 Decay	Detune	Soft, long decay. Looped. Compiled using Electric Piano 2 Sustain.
U027	Electric Piano 4 Sustain	Single	Hard, sustained. Looped.
U028	Electric Piano 4 Decay	Single	Hard, long decay. Looped. Compiled using Electric Piano 4 Sustain.
U029	Electric Piano 5 Sustain	Detune	Hard, sustained. Looped. Compiled using Electric Piano 4 Sustain.
U030	Electric Piano 5 Decay	Detune	Hard, long decay. Looped. Compiled using Electric Piano 4 Sustain.
U031	Bright Electric Piano 1 Sustain	Single	Sustained. Looped.
U032	Bright Electric Piano 1 Decay	Single	Longer decay. Looped. Compiled using Bright Electric Piano 1 S.
U033	Bright Electric Piano 2 Sustain	Detune	Sustained. Looped. Compiled using Bright Electric Piano 1 S.
U034	Bright Electric Piano 2 Decay	Detune	Longer decay. Looped. Compiled using Bright Electric Piano 1 S.
VIBRAPHONE			
U035	Vibraphone 1 Sustain	Single	Soft, long decay / sustained. Looped.
U036	Vibraphone 2 Sustain	Detune	Soft, long decay / sustained. Looped. Compiled using Vibraphone 1 Sustain.
U037	Vibraphone 3 Sustain	V-mix	Soft & hard, long decay / sustained. Looped. Compiled using Vibraphone 1 Sustain and the 'v=127' samples from Vibraphone 3 Sustain. Vibraphone 3 Sustain mixes in at 'v=065'.
U038	Vibraphone 3 Hard	Single	Hard. Compiled using the 'v=127' samples from Vibraphone 3.
U039	Vibraphone 3 Hard Sustain	Single	Hard, long decay / sustained. Looped. Compiled using the 'v=127' samples from Vibraphone 3 Sustain.

INSTRUMENT LIST

U-20/U-220		INTERNAL	
No.	Tone Name	Type	Remarks
BELL			
U040	Bell 3	Single	Short decay (release). Looped. From the U-110 factory tones. Compiled using Bell 1.
U041	Bell 4	Detune	Short decay (release). Looped. From the U-110 factory tones. Compiled using Bell 1.
MARIMBA			
U042	Marimba Sustain	Single	Long decay / sustained. Looped.
U043	Marimba Decay	Single	Long decay. Looped.
ACOUSTIC GUITAR			
U044	Acoustic Guitar 1 Sustain	Single	Sustained. Looped.
U045	Acoustic Guitar 1 Decay	Single	Long decay. Looped. Compiled using Acoustic Guitar 1 Sustain.
U046	Acoustic Guitar 2 Sustain	Detune	Sustained. Looped. Compiled using Acoustic Guitar 1 Sustain.
U047	Acoustic Guitar 2 Decay	Detune	Long decay. Looped. Compiled using Acoustic Guitar 1 Sustain.
U048	Acoustic Guitar 3 Sustain	Dual	Sustained. Impossible to split. Sampled from note 067.
U049	Acoustic Guitar 3 Decay	Dual	Long decay. Impossible to split. Compiled using Acoustic Guitar 3 Sustain.
U050	Acoustic Guitar 4 Sustain	Dual	Added lower octave, sustained. Looped. Compiled using Acoustic Guitar 1 Sustain.
U051	Acoustic Guitar 4 Decay	Dual	Added lower octave, long decay. Looped. Compiled using Acoustic Guitar 1 Sustain.
U052	Acoustic Guitar 5 Sustain	V-switch	Slow attack / fast (v=100), sustained. Looped. Compiled using Acoustic Guitar 1 Sustain and 5.
U053	Acoustic Guitar 5 Decay	V-switch	Slow attack / fast (v=100), long decay. Looped. Compiled using Acoustic Guitar 1 Sustain and 5.
U054	Acoustic Guitar 5 Slow	Single	Slow attack. Compiled using the 'slow attack' samples from Acoustic Guitar 5.
U055	Acoustic Guitar 5 Slow Sustain	Single	Slow attack, sustained. Looped. Compiled using the 'slow attack' samples from Acoustic Guitar 5 and 1 Sustain.
U056	Acoustic Guitar 5 Slow Decay	Single	Slow attack, long decay. Looped. Compiled using the 'slow attack' samples from Acoustic Guitar 5 and 1 Sustain.
U057	Acoustic Guitar 5 Fast	Single	Fast attack. Compiled using the 'fast attack' samples from Acoustic Guitar 5.
U058	Acoustic Guitar 5 Fast Sustain	Single	Fast attack, sustained. Looped. Compiled using the 'fast attack' samples from Acoustic Guitar 5 and 1 Sustain.
U059	Acoustic Guitar 5 Fast Decay	Single	Fast attack, long decay. Looped. Compiled using the 'fast attack' samples from Acoustic Guitar 5 and 1 Sustain.

INSTRUMENT LIST

U-20/U-220		INTERNAL	
No.	Tone Name	Type	Remarks
ELECTRIC GUITAR			
U060	Electric Guitar 1 Sustain	V-switch	Muted / unmuted (v=100), sustained. Looped. Compiled using Electric Guitar 2 Sustain and 3 Sustain.
U061	Electric Guitar 1 Decay	V-switch	Muted / unmuted (v=100), long decay. Looped. Compiled using Electric Guitar 2 Sustain and 3 Sustain.
U062	Electric Guitar 2 Sustain	Single	Muted, sustained. Looped.
U063	Electric Guitar 2 Decay	Single	Muted, long decay. Looped. Compiled using Electric Guitar 2 Sustain.
U064	Electric Guitar 3 Sustain	Single	Unmuted, sustained. Looped.
U065	Electric Guitar 3 Decay	Single	Unmuted, long decay. Looped. Compiled using Electric Guitar 2 D.
U066	Electric Guitar 4 Sustain	Detune	Sustained. Looped. Compiled using Electric Guitar 3 Sustain.
U067	Electric Guitar 4 Decay	Detune	Long decay. Looped. Compiled using Electric Guitar 3 Sustain.
U068	Heavy Electric Guitar 1A	Single	Combination fifths. Looped. Compiled using Heavy Electric Guitar 1 (A2 and lower).
U069	Heavy Electric Guitar 1B	Single	Combination fifths. Looped. Compiled using Heavy Electric Guitar 1 (A#2 and higher).
SLAP BASS			
U070	Slap Bass 1 Sustain	Single	Pulled, thumped, harmonics (E2, F#4), sustained. Looped. E2 = note number 040, F#4 = 066.
U071	Slap Bass 1 Decay	Single	Pulled, thumped, harmonics (E2, F#4), long decay. Looped. E2 = note number 040, F#4 = 066. Compiled using Slap Bass 1 Sustain.
U072	Slap Bass 2 Sustain	Detune	Pulled, thumped, harmonics (E2, F#4), sustained. Looped.
U073	Slap Bass 2 Decay	Detune	Pulled, thumped, harmonics (E2, F#4), long decay. Looped. Compiled using Slap Bass 1 Sustain.
U074	Slap Bass 3 Sustain	Single	Pulled, thumped, harmonics (B2, F#4), sustained. Looped. B2 = 047. Thumped samples and harmonics from Slap Bass 1 Sustain.
U075	Slap Bass 3 Decay	Single	Pulled, thumped, harmonics (B2, F#4), long decay. Looped. B2 = 047. Thumped samples and harmonics from Slap Bass 1 Sustain.
U076	Slap Bass 4 Sustain	Detune	Pulled, thumped, harmonics (B2, F#4), sustained. Looped. Compiled using Slap Bass 1 Sustain and Slap Bass 3 Sustain.
U077	Slap Bass 4 Decay	Detune	Pulled, thumped, harmonics (B2, F#4), long decay. Looped. Compiled using Slap Bass 1 Sustain and Slap Bass 3 Sustain.
U078	Slap Bass 5 Sustain	V-switch	Thumped / pulled (v=100), harmonics (F#4), sustained. Looped. Thumped to E2, pulled F2-F4 and harmonics from Slap Bass 1 Sustain and 3 Sustain.
U079	Slap Bass 5 Decay	V-switch	Thumped / pulled (v=100), harmonics (F#4), long decay. Looped. Thumped to E2, pulled F2-F4 and harmonics from Slap Bass 1 Sustain and 3 Sustain.

INSTRUMENT LIST

U-20/U-220		INTERNAL	
No.	Tone Name	Type	Remarks
U080	Slap Bass 5 Pulled	Single	Pulled. Compiled using the 'pulled' samples from Slap Bass 1 and 5.
U081	Slap Bass 5 Pulled Sustain	Single	Pulled, sustained. Looped. Compiled using the 'pulled' samples from Slap Bass 1 Sustain and 5 Sustain.
U082	Slap Bass 5 Pulled Decay	Single	Pulled, long decay. Looped. Compiled using the 'pulled' samples from Slap Bass 1 Sustain and 5 Sustain
U083	Slap Bass 5 Thumped	Single	Thumped. Compiled using the 'thumped' samples from Slap Bass 1, Slap Bass 3 and 5 (changed level +5).
U084	Slap Bass 5 Thumped Sustain	Single	Thumped, sustained. Looped. Compiled using the 'thumped' samples from Slap Bass 1 Sustain, 3 S and 5 Sustain.
U085	Slap Bass 5 Thumped Decay	Single	Thumped, long decay. Looped. Compiled using the 'thumped' samples from Slap Bass 1 Sustain, 3 Sustain and 5 Sustain.
U086	Slap Bass 5 Harmonics	Single	Harmonics. Compiled using the 'harmonics' samples from Slap Bass 1 and 5.
U087	Slap Bass 5 Harmonics Sustain	Single	Harmonics, sustained. Looped. Compiled using the 'harmonics' samples from Slap Bass 1 Sustain and 5 Sustain.
U088	Slap Bass 5 Harmonics Decay	Single	Harmonics, long decay. Looped. Compiled using the 'harmonics' samples from Slap Bass 1 Sustain and 5 Sustain.
U089	Slap Bass 6 Sustain	V-switch	Slow attack / fast attack (v=100), harmonics (F#4), sustained. Looped. Thumped, pulled (E2), compiled using Slap Bass 1 Sustain.
U090	Slap Bass 6 Decay	V-switch	Slow attack / fast attack (v=100), harmonics (F#4), long decay. Looped. Thumped, pulled (E2), compiled using Slap Bass 1 Sustain.
U091	Slap Bass 6 Slow	Single	Slow attack . Compiled using the 'slow attack' samples from Slap Bass 6.
U092	Slap Bass 6 Slow Sustain	Single	Slow attack , sustained. Looped. Compiled using Slap Bass 1 Sustain.
U093	Slap Bass 6 Slow Decay	Single	Slow attack, long decay. Looped. Compiled using Slap Bass 1 Sustain.
U094	Slap Bass 7 Sustain	Single	Pulled, thumped, harmonics (E2, C#4), sustained. Looped. C#4 = 061.
U095	Slap Bass 7 Decay	Single	Pulled, thumped, harmonics (E2, C#4), long decay. Looped. C#4 = 061. Compiled using Slap Bass 7 Sustain.
U096	Slap Bass 8 Sustain	Detune	Pulled, thumped, harmonics (B2, C#4), sustained. Looped. Compiled using Slap Bass 7 Sustain.
U097	Slap Bass 8 Decay	Detune	Pulled, thumped, harmonics (B2, C#4), long decay. Looped. Compiled using Slap Bass 7 Sustain.
U098	Slap Bass 9 Sustain	Single	Pulled, thumped, harmonics (B2, C#4), sustained. Looped. Thumped samples and harmonics from Slap Bass 7 Sustain.
U099	Slap Bass 9 Decay	Single	Pulled, thumped, harmonics (B2, C#4), long decay. Looped. Thumped samples and harmonics from Slap Bass 7 Sustain.
U100	Slap Bass 10 Sustain	Detune	Pulled, thumped, harmonics (B2, C#4), sustained. Looped. Compiled using Slap Bass 7 Sustain and Slap Bass 9 Sustain.
U101	Slap Bass 10 Decay	Detune	Pulled, thumped, harmonics (B2, C#4), long decay. Looped. Compiled using Slap Bass 7 Sustain and Slap Bass 9 Sustain.
U102	Slap Bass 11 Sustain	V-switch	Thumped / pulled (v=100), harmonics (C#4), sustained. Looped. Thumped to E2, pulled F2-F4 and harmonics from Slap Bass 7 Sustain and 9 Sustain.
U103	Slap Bass 11 Decay	V-switch	Thumped / pulled (v=100), harmonics (C#4), long decay. Looped. Thumped to E2, pulled F2-F4 and harmonics from Slap

INSTRUMENT LIST

U-20/U-220		INTERNAL	
No.	Tone Name	Type	Remarks
			Bass 7 Sustain and 9 Sustain.
U104	Slap Bass 11 Pulled	Single	Pulled. Compiled using the 'pulled' samples from Slap Bass 7 and 11.
U105	Slap Bass 11 Pulled Sustain	Single	Pulled, sustained. Looped. Compiled using the 'pulled' samples from Slap Bass 7 Sustain and 11 Sustain.
U106	Slap Bass 11 Pulled Decay	Single	Pulled, long decay. Looped. Compiled using the 'pulled' samples from Slap Bass 7 Sustain and 11 Sustain.
U107	Slap Bass 11 Thumped	Single	Thumped. Compiled using the 'thumped' samples from Slap Bass 7, 9 and 11.
U108	Slap Bass 11 Thumped Sustain	Single	Thumped, sustained. Looped. Compiled using the 'thumped' samples from Slap Bass 7 Sustain, 9 Sustain and 11 Sustain.
U109	Slap Bass 11 Thumped Decay	Single	Thumped, long decay. Looped. Compiled using the 'thumped' samples from Slap Bass 7 Sustain, 9 Sustain and 11 Sustain.
U110	Slap Bass 11 Harmonics	Single	Harmonics. Longer decay than Slap Bass 5 H. Compiled using the 'harmonics' samples from Slap Bass 7 and 11.
U111	Slap Bass 11 Harmonics Sustain	Single	Harmonics, sustained. Looped. Longer decay than Slap Bass 5 H. Compiled using the 'harmonics' samples from Slap Bass 7 Sustain and 11 Sustain.
U112	Slap Bass 11 Harmonics Decay	Single	Harmonics, long decay. Looped. Longer decay than Slap Bass 5 H. Compiled using the 'harmonics' samples from Slap Bass 7 Sustain and 11 Sustain.
U113	Slap Bass 12 Sustain	V-switch	Slow attack / fast attack (v=100), harmonics (C#4), sustained. Looped. Thumped, pulled (E2), compiled using Slap Bass 7 Sustain.
U114	Slap Bass 12 Decay	V-switch	Slow attack / fast attack (v=100), harmonics (C#4), long decay. Looped. Thumped, pulled (E2), compiled using Slap Bass 7 Sustain.
U115	Slap Bass 12 Slow	Single	Slow attack. Compiled using the 'slow attack' samples from Slap Bass 12.
U116	Slap Bass 12 Slow Sustain	Single	Slow attack, sustained. Looped. Compiled using Slap Bass 7 Sustain.
U117	Slap Bass 12 Slow Decay	Single	Slow attack, long decay. Looped. Compiled using Slap Bass 7 Sustain.
FINGERED BASS			
U118	Fingered Bass 1 Sustain	Single	Fingered, harmonics (C#5), sustained. Looped. C#5 = 073.
U119	Fingered Bass 1 Decay	Single	Fingered, harmonics (C#5), long decay. Looped. C#5 = 073. Compiled using Fingered Bass 1 Sustain.
U120	Fingered Bass 2 Sustain	Detune	Fingered, harmonics (C#5), sustained. Looped. Compiled using Fingered Bass 1 Sustain.
U121	Fingered Bass 2 Decay	Detune	Fingered, harmonics (C#5), long decay. Looped. Compiled using Fingered Bass 1 Sustain.
U122	Fingered Bass 3 Harmonics	Single	Harmonics (C#5). Harmonics only. Compiled using Fingered Bass 1.
U123	Fingered Bass 3 Harmonics Sustain	Single	Harmonics (C#5), sustained. Looped. Harmonics only. Compiled using Fingered Bass 1 Sustain.

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U-20/U-220		INTERNAL	
No.	Tone Name	Type	Remarks
U124	Fingered Bass 3 Harmonics Decay	Single	Harmonics (C#5), long decay. Looped. Harmonics only. Compiled using Fingered Bass 1 Sustain.
PICKED BASS			
U125	Picked Bass 1 Sustain	Single	Sustained. Looped.
U126	Picked Bass 1 Decay	Single	Long decay. Looped. Compiled using Picked Bass 1 Sustain.
U127	Picked Bass 2 Sustain	Detune	Sustained. Looped. Compiled using Picked Bass 1 Sustain.
U128	Picked Bass 2 Decay	Detune	Long decay. Looped. Compiled using Picked Bass 1 Sustain.
FRETLESS BASS			
U129	Fretless 1 Sustain	Single	Fretless, harmonics (D#6), sustained. Looped. D#6 = 087.
U130	Fretless 1 Decay	Single	Fretless, harmonics (D#6), long decay. Looped. D#6 = 087. Compiled using Fretless Bass 1 Sustain.
U131	Fretless 2 Sustain	Detune	Fretless, harmonics (D#6), sustained. Looped. Compiled using Fretless Bass 1 Sustain.
U132	Fretless 2 Decay	Detune	Fretless, harmonics (D#6), long decay. Looped. Compiled using Fretless Bass 1 Sustain.
U133	Fretless 3 Harmonics	Single	Harmonics (D#6). Harmonics only. Compiled using Fretless 1.
U134	Fretless 3 Harmonics Sustain	Single	Harmonics (D#6), sustained. Looped. Harmonics only. Compiled using Fretless 1 Sustain.
U135	Fretless 3 Harmonics Decay	Single	Harmonics (D#6), long decay. Looped. Harmonics only. Compiled using Fretless 1 Sustain.
ACOUSTIC BASS			
U136	Acoustic Bass 1 Sustain	V-mix	Added fret noise, sustained. Looped. Two velocity layers.
U137	Acoustic Bass 1 Decay	V-mix	Added fret noise, long decay. Two velocity layers. Compiled using Acoustic Bass 1 Sustain
U138	Acoustic Bass 2	Single	Compiled using Acoustic Bass 1 (low velocity).
U139	Acoustic Bass 2 Sustain	Single	Sustained. Looped. Compiled using Acoustic Bass 1 Sustain (low velocity).
U140	Acoustic Bass 2 Decay	Single	Long decay. Looped. Compiled using Acoustic Bass 1 Sustain (low velocity).
U141	Acoustic Bass 3	Single	Compiled using Acoustic Bass 1 (high velocity, with fret noise).
U142	Acoustic Bass 3 Sustain	Single	Sustained. Looped. Compiled using Acoustic Bass 1 Sustain (high velocity, with fret noise).
U143	Acoustic Bass 3 Decay	Single	Long decay. Looped. Compiled using Acoustic Bass 1 Sustain (high velocity, with fret noise).

INSTRUMENT LIST

U-20/U-220		INTERNAL	
No.	Tone Name	Type	Remarks
SYNTHESIZER BASS			
U144	Synthesizer Bass 9	V-mix	Looped. Compiled using Synthesizer Bass 5 and 6.
CHOIR			
U145	Choir 1 Attack Sustain	Single	Sustained, short attack. Looped.
U146	Choir 1 Attack Decay	Single	Long decay, short attack. Looped.
U147	Choir 3 Attack Sustain	Dual	Sustained, short attack, added lower octave. Compiled using Choir 1.
U148	Choir 3 Attack Decay	Dual	Long decay, short attack, added lower octave. Compiled using Choir 1.
ORGAN			
U149	Electric Organ 10	Dual	From the U-110 factory tones. Compiled using Electric Organ 3 and 5.
U150	Electric Organ 11	Dual	From the U-110 factory tones. Compiled using Electric Organ 5 and 7.
U151	Electric Organ 12	Dual	From the U-110 factory tones. Compiled using Electric Organ 1 and 5.
U152	Electric Organ 13	Dual	From the U-110 factory tones. Compiled using Electric Organ 3 and 7.
U153	Electric Organ 14	Dual	Compiled using Electric Organ 1 and 7.
U154	Rock Organ 3	Dual	Looped. Impossible to split. Several notes could not be looped; therefore, cross fading has been applied at the end of these samples. Compiled using Rock Organ 2.
BRASS			
U155	Soft Trumpet 3	Single	Sforzando. From the U-110 factory tones. Compiled using Soft Trumpet 1.
U156	Soft Trumpet 4	Dual	Looped. Added lower octave. Compiled using Soft Trumpet 1.
U157	Trumpet/Trombone 4	Single	Sforzando. Looped. From the U-110 factory tones. Compiled using Trumpet/Trombone 1 and 3.
U158	Trumpet/Trombone 5	Detune	Looped. From the U-110 factory tones. Compiled using Trumpet/Trombone 1 and 3.
U159	Trumpet/Trombone 6	Dual	Looped. From the U-110 factory tones. Added lower octave. Compiled using Trumpet/Trombone 1 and 3.
U160	Brass 2	Single	Sforzando. Looped. From the U-110 factory tones. Compiled using Brass 1.
U161	Brass 3	Dual	Looped. From the U-110 factory tones. Added lower octave. Compiled using Brass 1.
U162	Brass 4	Dual	Looped. From the U-110 factory tones. Compiled using Sax 3 & Brass 1.
U163	Brass 5	Dual	Looped. From the U-110 factory tones. Compiled using Trumpet/Trombone 3 and Sax 3.

INSTRUMENT LIST

U-20/U-220		INTERNAL	
No.	Tone Name	Type	Remarks
WOODWINDS			
U164	Flute 2	Detune	Looped. From the U-110 factory tones. Compiled using Flute 1.
U165	Shakuhachi 3	Single	Looped. Compiled using Shakuhachi 1 (C0 - F#2).
U166	Shakuhachi 4	Single	Looped. Compiled using Shakuhachi 1 (G2 - B2).
U167	Shakuhachi 5	Single	Looped. Compiled using Shakuhachi 1 (C3 - F#3).
U168	Shakuhachi 6	Single	Looped. Compiled using Shakuhachi 1 (G3 - F5).
SYNTHESIZER			
U169	Fantasia Sustain	Dual	Sustained. Looped. Drone only.
U170	Synthesizer Vox 1 Attack	Single	Short attack. Looped. Compiled using Synthesizer Vox 1.
U171	Synthesizer Vox 2 Attack	Single	Short attack. Looped. Compiled using Synthesizer Vox 2.
U172	Synthesizer Vox 3	Dual	Looped. Compiled using Synthesizer Vox 1 and 2.
U173	Stringpad 3	Single	Short attack. Looped. Compiled using Stringpad 1.
U174	Jupiter Strings Attack	Single	Short attack. Looped. Compiled using Jupiter Strings.
U175	Pizzagogo Sustain	Dual	Looped. Compiled using Pizz and Stringpad 1.
U176	Fanta Bell Sustain	Single	Sustained. Looped. Compiled using Fanta Bell.
U177	Synth Harp Sustain	Single	Sustained. Compiled using Synth Harp.
U178	Pizz Sustain	Single	Sustained. Compiled using Pizz.Sampled from note 036.
U179	Pizz Decay	Single	Longer decay. Compiled using Pizz.
U180	Metal Sustain	Single	Sustained. Looped. Compiled using Metal.
PERCUSSION			
U181	Latin Percussion	Single	Bonus tone, not available in the U-20/U-20/220's internal memory.