EXs-172 & 173 Kithara
Voice Name List

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THE WORLD'S MOST AUTHENTIC VINTAGE ELECTRIC GUITARS FOR KORG KRONOS

EXs 172 & 173 Kithara for Korg Kronos

Contents: Approximately 3.3 GB of PCM samples, 208 Multisamples, 128 Programs [U-FF], 32 Combis [U-D], 72 Wave Sequences [U-BB(32),UCC(32),UDD(08)]

EXs 172 & 173 Kithara for Korg Kronos faithfully reproduces vintage electric guitars from 1962 - 1980, mapping each nuance, note, and variance for clean articulations and expressive dynamics. EXs 172 has Clean and Jazz sounds. EXs 173 offers Jazz and Distortion Guitars. Combine both Kithara for Korg Kronos for a complete, authentic library of electric guitar sounds.

Kelfar Technologies recorded each vintage instrument separately and used original, period-specific amps, mics, and distortion pedals to reproduce each classic tone. Dynamics, velocities, switching, and round robin/wave sequencing per program and sound add to its authenticity. Each instrument sounds and behaves exactly as it should - but all through your Korg Kronos keyboard!

Special Touches Musicians Will Love

The Kithara Library for Korg Kronos offers much to explore and enjoy in one package.

- Full control over each element of the guitar tone, reverb, delay/chorus (See page 5 for details.)
- Full control of the dynamics when an Expression Pedal is connected.
- Vintage dynamic volume and louder than Korg factory presets!
- Voicing split into two categories - Programs can be used for studio and live applications, and the Combinations Mode can be programmed for live performances using unique options and dynamics incorporated into each Combi.
- Combi allows you to use the 4 Karma Scenes to seamlessly select algorithms and switch between Bridge and Neck pickups as well as Room and Close Mics for ambiance (see the Manual/Guide for details.)

Kithara Library for Korg Kronos: What's Inside

- Four algorithms with mapping that translates into guitar frets and positioning within Kronos
- Bridge and neck pickups
- Large-diaphragm tube condenser room mic and dynamic close mic sound for each guitar
- Upward and downward picking strokes
- Slide up and down
- Pick noises for a truly realistic touch
- Harmonics
- Guitar FX
- Real-time bending

- Bending on a new note at Note-On-Only
- Smooth transitions between two notes or more with poly-legato for distortion guitar

The Kelfar Kithara sound library was recorded by Chris Vibberts of The Rabbit Hole Recording in Petaluma, California. With his expertise in vintage guitars, Chris used state-of-the-art sound equipment to capture a true-to-life representation of these highly sought after classic instruments.

Before using the EXs - 172 & 173 Kithara, please be sure that your Korg Kronos has the following suggested default **Global** setup:

1. Press the button **Global**
2. Press the tab **Basic** on the touch-screen to access the **Global P0: Basic Setup**
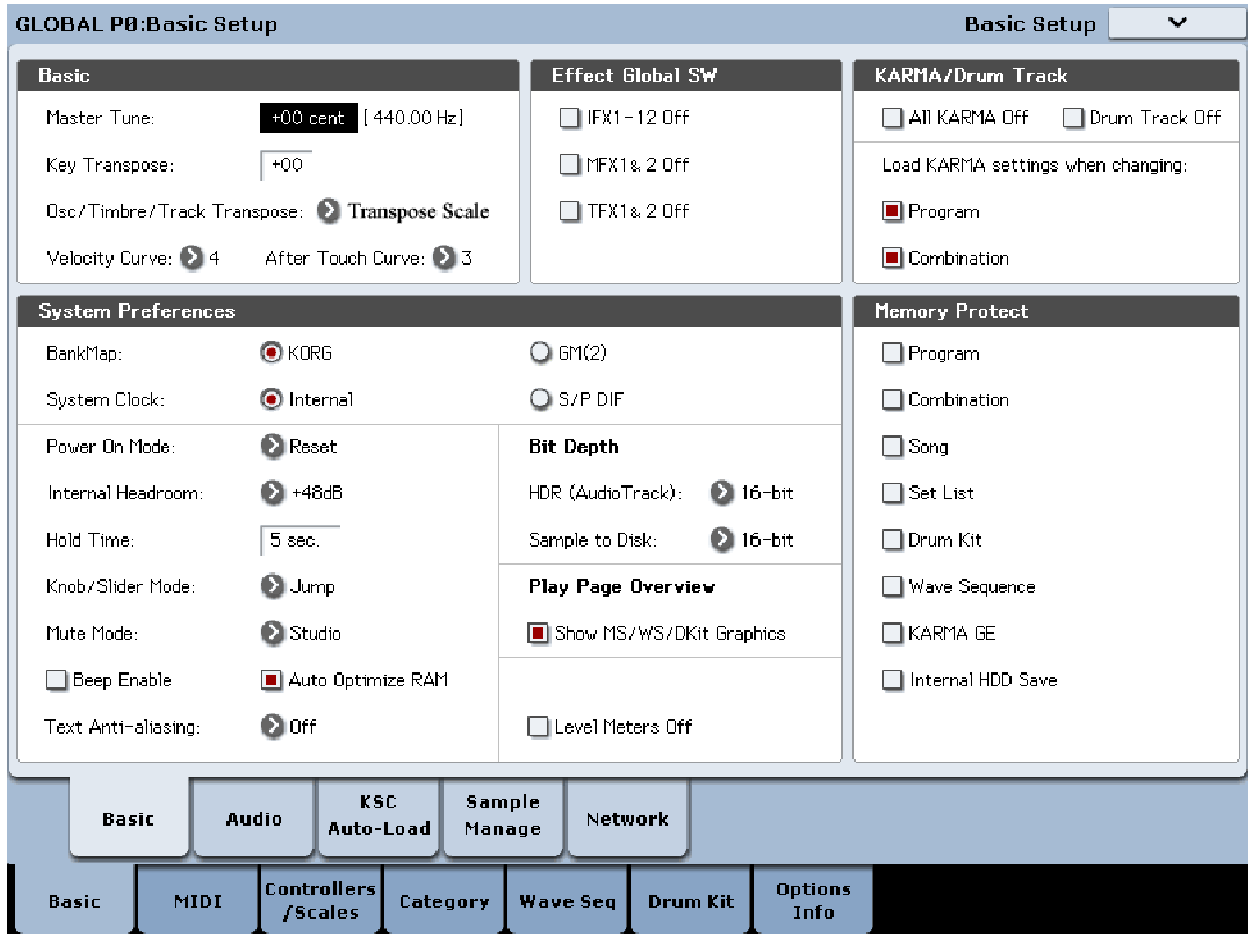
By default, the **Osc/Timbre/Track Transpose** is set to "**Works Within Scale".** In order for the EXs - 172 & 173 Kithara sound library to work properly, it is necessary to set the **Osc/Timbre/Track** to "**Transposes Scale**", **All KARMA Off** box is unchecked, and **Load KARMA settings when changing** both boxes are checked.

*The Dynamics Control has been programmed with the **Velocity Curve 4** and **After Touch Curve 3**.

Be sure to **Write Global Setting** when modifying the data as follows:

1. Select **Write Global Setting** from the drop-menu, a dialog box will appear.
2. Press **OK** to write the data, or press **Cancel** without writing the data.

You can also use the **SEQUENCER REC/WRITE** switch to write data in the same way as the **Write Global Setting** command.

1. Press the button **Global**
2. Press the tab **MIDI** on the touch-screen to access the **GLOBAL P1:MIDI**
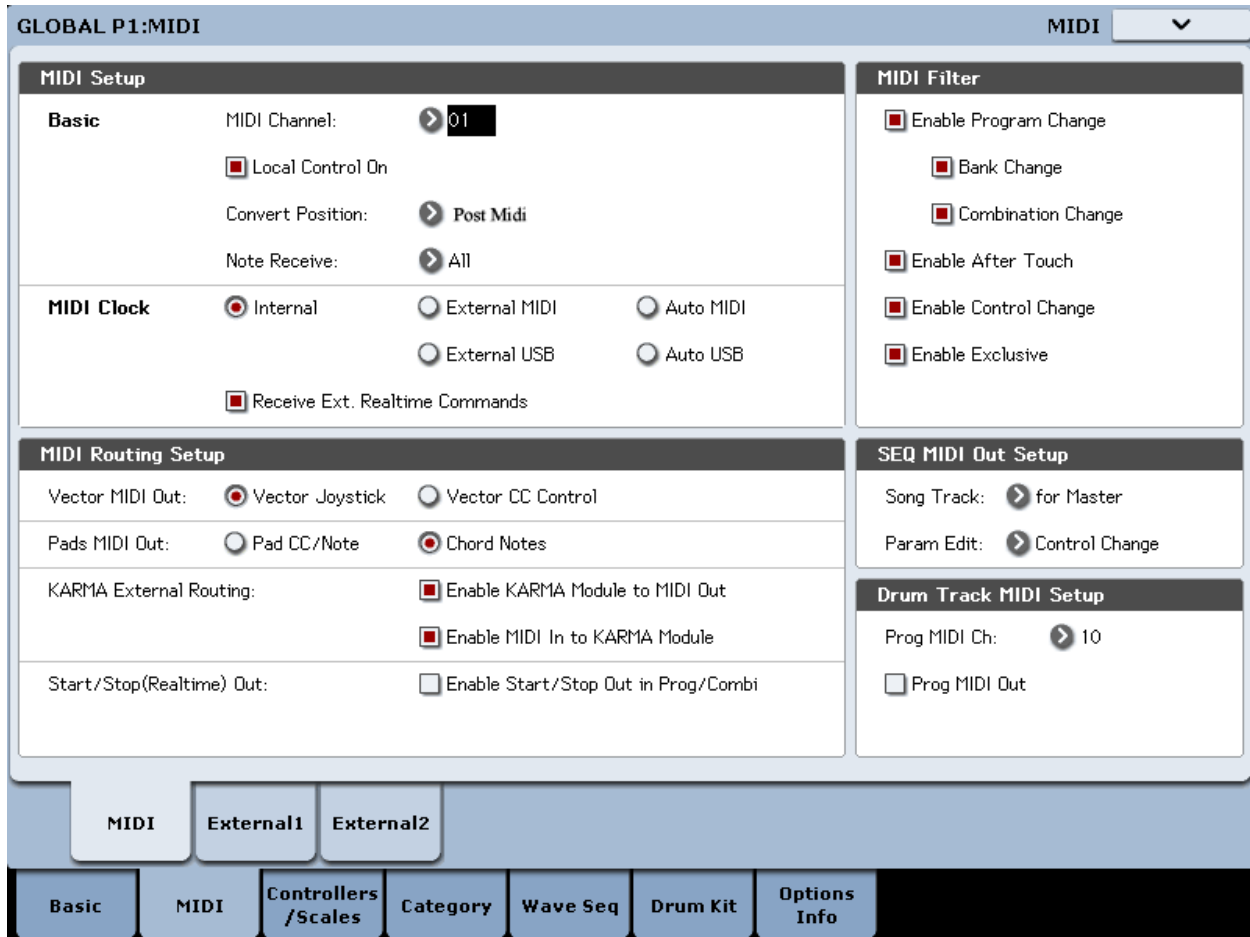
By default, the **Convert Position** is set to **"Pre Midi".** In order for the EXs - 172 & 173 Kithara sound library to work properly, it is necessary to set the **Convert Position** to **"Post Midi".**

Be sure to **Write Global Setting** when modifying the data as follows:

1. Select **Write Global Setting** from the drop-menu, a dialog box will appear.
2. Press **OK** to write the data, or press **Cancel** without writing the data.

You can also use the **SEQUENCER REC/WRITE** switch to write data in the same way as the **Write Global Setting** command.

For your convenience, we have enabled the RT KNOBS/KARMA (LED IS ON) to take control of the sound in real-time.

> **From Korg Kronos Operation Guide:**
> "The **Realtime Knobs** are a traditional feature of Korg workstations, combining modulation, quick edits, and hands-on control.
>
> "In **RT KNOBS/KARMA** mode, **Knobs 1-4** have dedicated functions, as printed on the front panel: **Filter Cutoff**, **Filter Resonance**, **Filter EG Intensity**, and **Release Time**. All of these correspond to standard MIDI CCs."

Common Realtime Controls: Knobs, Switches, Joystick, Vector Joystick, Ribbon, Velocity, AfterTouch, Karma Scenes:

Knob 5(USER1):	**Vibrato Control - Active when SW1:On**
Knob 6(USER2):	**Tone Control - Controls the brightness/darkness**
Knob 7(USER3):	**MFX1 - Chorus (Program), Delay (Combi)**
Knob 8(USER4):	**MFX2 - Reverb**
SW1:	**(Dynamics Control, Vibrato On, default: SW1:Off)**
SW2:	**(Dynamics Control, Slide-Bending = Velocity/112, default: SW1:On)**
JS + Y:	**(Dynamics Control, WahWah)**
JS - Y:	**(Dynamics Control, String Mute)**
JX*	**(Dynamics Control, Bending on a new note at Note-On-Only)**
	*Clean Guitars= PB range = 2, Distortion Guitars, PB range = 12)
Ribbon:	**(Dynamics Control, Bending, Range=12 semitones)**
VJS -/+ X:	**(Dynamics Control, Pick Noise)**
VJS -/+ Y:*	**(Dynamics Control, atmospheric effect when +Y @ maximum value)**
	*Works only in Combi
Key Zones:	**E2-C#6**
After Touch:	**Pitch Bending and Vibrato**
Velocity:	**Slides/Bends when SW2:On and Velocity value = 112**
Velocity:	**Eight velocity zones**
Round Robin/WS:	**Upward and downward picking strokes**
Harmonics:	**Harmonics can be triggered if the Velocity value = 127**
	In order for the Harmonics to be triggered, you will need to connect the nanoPad/2 or a midi controller that can send fixed Velocity of 127
	Or in Program mode, you can use the 6 preprogrammed pads to trigger the harmonics directly.
Algorithms:	**Four guitar mapping options to select from: ALG1, ALG2, ALG3,ALG4**
Pickups:	**Neck, bridge, or neck and bridge parallel mix (Abbr. 2PU)**
Ambience:	**Room and Close (Abbr. R and C)**
Karma Scenes:	**(In Combi only) Karma Scenes [1-4] to seamlessly select algorithms, pickups, and ambience**
Poly Legato:	**Smooth transitions between two notes or more with *poly legato* for distortion guitar**

Common Realtime Controls/Karma Scenese & Switches
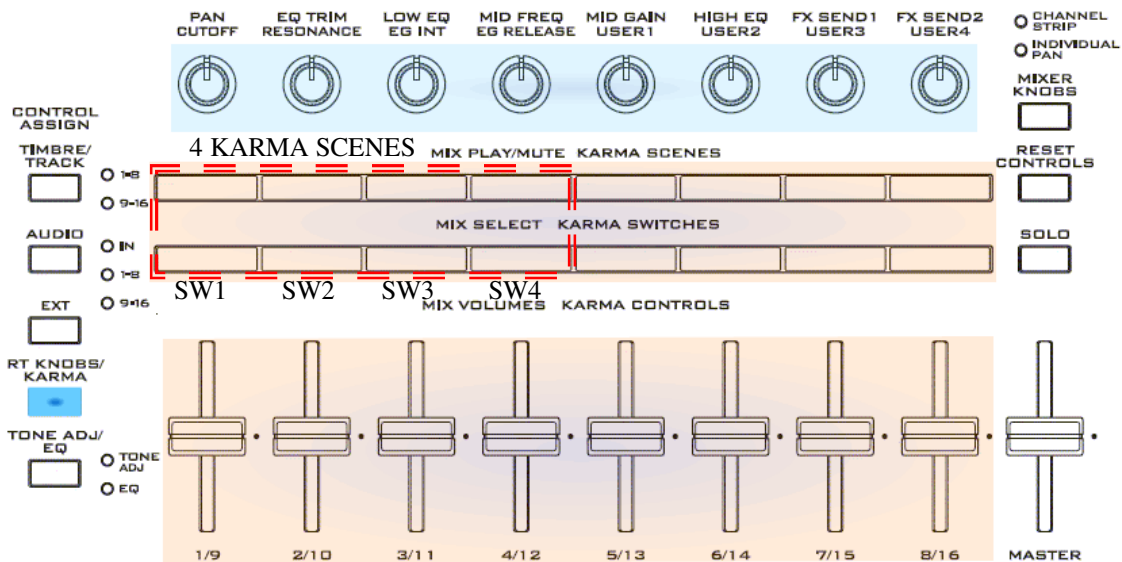
While playing all the incredible vintage guitars included in this library you have quick control over your tone and effects just like you would while playing an actual guitar through pedals into a tube amplifier. In **Combi** mode only, press one of 8 user programable **Karma Scenes** (first 4 preprogrammed) to instantly select any combination of neck and bridge pickups for each guitar as well as close and room microphones for a wide array of tonal possibilities. **Karma Scenes** can be programmed to utilize any combination of **Karma Switches,** which correspond to guitar pickup and mic position options.

Kick on the vibrato effect with the **SW1** switch and adjust the speed with **Knob 5(USER1)**. **Knob 6(USER2)** acts just like the tone knob on a guitar— roll off the high end for a mellow jazz sound, or turn it up to let those single coils really cut through the mix. With **Knob 7(USER3)** & **Knob 8(USER4)** you have instant control of chorus, delay, and reverb. Especially cool is the joystick (**JS + Y**) wah-wah effect. Use this to create wide tonal sweeps or fully get your 70's funk on!

Besides the fact that each sample in this set has captured the full richness of all our guitar tones—from pick to string to pickup to analog pedals to tube amps— what really enables this library to sound realistic is the ability to emulate finger vibrato with **Velocity** and **AfterTouch**. From soft, sweet vibrato, to whole step bends, the ability to shape sound like you are playing an actual guitar is literally at your fingertips. To further customize your sound, explore the pitch bending possibilities with the **Ribbon** control. From gentle tremolo arm dips to full octave whammy dives, this guitar library is a blast to play!

What may be most important of all is our revolutionary **Algorithms** that allow you to play in the right position on the neck, on the right strings, at the right time so you sound like a real guitarist… not someone playing 22 notes all on the same string! We've mapped every note correctly, true to a real fretboard. While using the distortion sounds, experience the **Poly Legato** feature which allows you to play consecutive notes without pick attack for realistic hammer-on and pull-off slurs. Don't forget that each sample has been recorded with up and down strokes, and you have a full library of muted notes, harmonics, pick noise, and slides for the most dynamic and realistic playable vintage electric guitar library that the world has ever seen!

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Voice Name List

Programs-U-FF

EXs - 172 Clean & Jazz

U-FF000	CLEAN NECK R-ALG1
U-FF001	CLEAN NECK R-ALG2
U-FF002	CLEAN NECK R-ALG3
U-FF003	CLEAN NECK R-ALG4
U-FF004	CLEAN NECK C-ALG1
U-FF005	CLEAN NECK C-ALG2
U-FF006	CLEAN NECK C-ALG3
U-FF007	CLEAN NECK C-ALG4
U-FF008	CLEAN BRDG R-ALG1
U-FF009	CLEAN BRDG R-ALG2
U-FF010	CLEAN BRDG R-ALG3
U-FF011	CLEAN BRDG R-ALG4
U-FF012	CLEAN BRDG C-ALG1
U-FF013	CLEAN BRDG C-ALG2
U-FF014	CLEAN BRDG C-ALG3
U-FF015	CLEAN BRDG C-ALG4
U-FF016	CLEAN 2PU R-ALG1
U-FF017	CLEAN 2PU R-ALG2
U-FF018	CLEAN 2PU R-ALG3
U-FF019	CLEAN 2PU R-ALG4
U-FF020	CLEAN 2PU C-ALG1
U-FF021	CLEAN 2PU C-ALG2
U-FF022	CLEAN 2PU C-ALG3
U-FF023	CLEAN 2PU C-ALG4
U-FF024	CLEAN 2PUVB R-ALG1
U-FF025	CLEAN 2PUVB R-ALG2
U-FF026	CLEAN 2PUVB R-ALG3
U-FF027	CLEAN 2PUVB R-ALG4
U-FF028	CLEAN 2PUVB C-ALG1
U-FF029	CLEAN 2PUVB C-ALG2
U-FF030	CLEAN 2PUVB C-ALG3
U-FF031	CLEAN 2PUVB C-ALG4

Key Range: E3-C#6

U-FF032	CLEAN BD R-ALG1 SLIDE DN
U-FF033	CLEAN BD R-ALG2 SLIDE DN
U-FF034	CLEAN BD R-ALG3 SLIDE DN
U-FF035	CLEAN BD C-ALG1 SLIDE DN
U-FF036	CLEAN BD C-ALG2 SLIDE DN
U-FF037	CLEAN BD C-ALG3 SLIDE DN

Key Range: E2-C#5

U-FF038	CLEAN BD R-ALG1 SLIDE UP
U-FF039	CLEAN BD R-ALG2 SLIDE UP
U-FF040	CLEAN BD R-ALG3 SLIDE UP
U-FF041	CLEAN BD C-ALG1 SLIDE UP
U-FF042	CLEAN BD C-ALG2 SLIDE UP
U-FF043	CLEAN BD C-ALG3 SLIDE UP

U-FF044   FUNK 2PU R-ALG1 PICK
U-FF045   FUNK 2PU R-ALG2 PICK
U-FF046   FUNK 2PU R-ALG3 PICK
U-FF047   FUNK 2PU R-ALG4 PICK
U-FF048   FUNK 2PU C-ALG1 PICK
U-FF049   FUNK 2PU C-ALG2 PICK
U-FF050   FUNK 2PU C-ALG3 PICK
U-FF051   FUNK 2PU C-ALG4 PICK
U-FF052   JAZZ_GZ NECK R-ALG1
U-FF053   JAZZ_GZ NECK R-ALG2
U-FF054   JAZZ_GZ NECK R-ALG3
U-FF055   JAZZ_GZ NECK R-ALG4
U-FF056   JAZZ_GZ NECK C-ALG1
U-FF057   JAZZ_GZ NECK C-ALG2
U-FF058   JAZZ_GZ NECK C-ALG3
U-FF059   JAZZ_GZ NECK C-ALG4
U-FF060   JAZZ_GZ BRDG R-ALG1
U-FF061   JAZZ_GZ BRDG R-ALG2
U-FF062   JAZZ_GZ BRDG R-ALG3
U-FF063   JAZZ_GZ BRDG R-ALG4
U-FF064   JAZZ_GZ BRDG C-ALG1
U-FF065   JAZZ_GZ BRDG C-ALG2
U-FF066   JAZZ_GZ BRDG C-ALG3
U-FF067   JAZZ_GZ BRDG C-ALG4

EXs - 173 Jazz & Distortion

U-FF068   JAZZ_GB NECK R-ALG1
U-FF069   JAZZ_GB NECK R-ALG2
U-FF070   JAZZ_GB NECK R-ALG3
U-FF071   JAZZ_GB NECK R-ALG4
U-FF072   JAZZ_GB NECK C-ALG1
U-FF073   JAZZ_GB NECK C-ALG2
U-FF074   JAZZ_GB NECK C-ALG3
U-FF075   JAZZ_GB NECK C-ALG4
U-FF076   JAZZ_GB BRDG R-ALG1
U-FF077   JAZZ_GB BRDG R-ALG2
U-FF078   JAZZ_GB BRDG R-ALG3
U-FF079   JAZZ_GB BRDG R-ALG4
U-FF080   JAZZ_GB BRDG C-ALG1
U-FF081   JAZZ_GB BRDG C-ALG2
U-FF082   JAZZ_GB BRDG C-ALG3
U-FF083   JAZZ_GB BRDG C-ALG4
U-FF084   DISTORTION_GB R-ALG1
U-FF085   DISTORTION_GB R-ALG2
U-FF086   DISTORTION_GB R-ALG3
U-FF087   DISTORTION_GB R-ALG4
U-FF088   DISTORTION_GB C-ALG1
U-FF089   DISTORTION_GB C-ALG2
U-FF090   DISTORTION_GB C-ALG3
U-FF091   DISTORTION_GB C-ALG4
U-FF092   DISTORT_MUTE GB R-ALG1

U-FF093   DISTORT_MUTE GB R-ALG2
U-FF094   DISTORT_MUTE GB R-ALG3
U-FF095   DISTORT_MUTE GB R-ALG4
U-FF096   DISTORT_MUTE GB C-ALG1
U-FF097   DISTORT_MUTE GB C-ALG2
U-FF098   DISTORT_MUTE GB C-ALG3
U-FF099   DISTORT_MUTE GB C-ALG4
U-FF100   POWER CHORDS R-ALG1
U-FF101   POWER CHORDS R-ALG2
U-FF102   POWER CHORDS R-ALG3
U-FF103   POWER CHORDS R-ALG4
U-FF104   POWER CHORDS R-ALG5
U-FF105   POWER CHORDS C-ALG1
U-FF106   POWER CHORDS C-ALG2
U-FF107   POWER CHORDS C-ALG3
U-FF108   POWER CHORDS C-ALG4
U-FF109   POWER CHORDS C-ALG5
U-FF110   DIST_SLIDE UP/DN R- JS-Y
U-FF111   DIST_SLIDE UP/DN C- JS-Y
U-FF112   DIST_SLIDE_H UPDN R JS-Y
U-FF113   DIST_SLIDE_H UPDN C JS-Y
U-FF114   DIST_STRING NOISE R
U-FF115   DIST_STRING NOISE C
U-FF116   DIST_HARMONICS R
U-FF117   DIST_HARMONICS C
U-FF118   DIST_FX R
U-FF119   DIST_FX C
U-FF120   STRING NOISE 2PU R
U-FF121   STRING NOISE 2PU C
U-FF122   STRUM NOISE 1&2 2PUR -Y
U-FF123   STRUM NOISE 1&2 2PUC -Y
U-FF124   STRUM NOISE 3&4 2PUR -Y
U-FF125   STRUM NOISE 3&4 2PUC -Y
U-FF126   HARMONICS 2PU R
U-FF127   HARMONICS 2PU C

Combi U-D

U-D000   Clean R,C Neck/Bridge 1
U-D001   Clean R,C Neck/Bridge 2
U-D002   Clean R,C Neck/Bridge 3
U-D003   Clean R,C Neck/Bridge 4
U-D004   Clean R,C 2PU 1
U-D005   Clean R,C 2PU 2
U-D006   Clean R,C 2PU Vibrato 1
U-D007   Clean R,C 2PU Vibrato 2
U-D008   Clean R,C Brd.Slide Dn 1
U-D009   Clean R,C Brd.Slide Dn 2
U-D010   Clean R,C Brd.Slide Up 1
U-D011   Clean R,C Brd.Slide Up 2
U-D012   Clean R,C 2PU Funk 1

U-D013   Clean R,C 2PU Funk 2
U-D014   JazzGZ R,C Neck/Bridge 1
U-D015   JazzGZ R,C Neck/Bridge 2
U-D016   JazzGZ R,C Neck/Bridge 3
U-D017   JazzGZ R,C Neck/Bridge 4
U-D018   JazzGB R,C Neck/Bridge 1
U-D019   JazzGB R,C Neck/Bridge 2
U-D020   JazzGB R,C Neck/Bridge 3
U-D021   JazzGB R,C Neck/Bridge 4
U-D022   Distortion R,C 1
U-D023   Distortion R,C 2
U-D024   Mute Distortion R,C 1
U-D025   Mute Distortion R,C 2
U-D026   Power Chords R,C 1
U-D027   Power Chords R,C 2
U-D028   Power Chords R,C 3
U-D029   Slide Distortion R,C -Y
U-D030   Harmonics Distortion R,C
U-D031   Harmonics Clean GT R,C

WaveSequences [U-BB, U-CC, U-DD]

U-BB000   FRGTNeck 1 mp DwnUp
U-BB001   FRGTNeck 2 mp DwnUp
U-BB002   FRGTNeck 3 mp DwnUp
U-BB003   FRGTNeck 4 mp DwnUp
U-BB004   FCGTNeck 1 mp DwnUp
U-BB005   FCGTNeck 2 mp DwnUp
U-BB006   FCGTNeck 3 mp DwnUp
U-BB007   FCGTNeck 4 mp DwnUp
U-BB008   FRGTBridge 1 mp DwnUp
U-BB009   FRGTBridge 2 mp DwnUp
U-BB010   FRGTBridge 3 mp DwnUp
U-BB011   FRGTBridge 4 mp DwnUp
U-BB012   FCGTBridge 1 mp DwnUp
U-BB013   FCGTBridge 2 mp DwnUp
U-BB014   FCGTBridge 3 mp DwnUp
U-BB015   FCGTBridge 4 mp DwnUp
U-BB016   FRGT2PU 1 mp DwnUp
U-BB017   FRGT2PU 2 mp DwnUp
U-BB018   FRGT2PU 3 mp DwnUp
U-BB019   FRGT2PU 4 mp DwnUp
U-BB020   FCGT2PU 1 mp DwnUp
U-BB021   FCGT2PU 2 mp DwnUp
U-BB022   FCGT2PU 3 mp DwnUp
U-BB023   FCGT2PU 4 mp DwnUp
U-BB024   GzRGTNeck 1 mp DwnUp
U-BB025   GzRGTNeck 2 mp DwnUp
U-BB026   GzRGTNeck 3 mp DwnUp
U-BB027   GzRGTNeck 4 mp DwnUp
U-BB028   GzCGTNeck 1 mp DwnUp

U-BB029	GzCGTNeck 2 mp DwnUp
U-BB030	GzCGTNeck 3 mp DwnUp
U-BB031	GzCGTNeck 4 mp DwnUp
U-CC000	GzRGTBridge 1 mp DwnUp
U-CC001	GzRGTBridge 2 mp DwnUp
U-CC002	GzRGTBridge 3 mp DwnUp
U-CC003	GzRGTBridge 4 mp DwnUp
U-CC004	GzCGTBridge 1 mp DwnUp
U-CC005	GzCGTBridge 2 mp DwnUp
U-CC006	GzCGTBridge 3 mp DwnUp
U-CC007	GzCGTBridge 4 mp DwnUp
U-CC008	GBRGTNeck 1 mp DwnUp
U-CC009	GBRGTNeck 2 mp DwnUp
U-CC010	GBRGTNeck 3 mp DwnUp
U-CC011	GBRGTNeck 4 mp DwnUp
U-CC012	GBCGTNeck 1 mp DwnUp
U-CC013	GBCGTNeck 2 mp DwnUp
U-CC014	GBCGTNeck 3 mp DwnUp
U-CC015	GBCGTNeck 4 mp DwnUp
U-CC016	GBRGTBridge 1 mp DwnUp
U-CC017	GBRGTBridge 2 mp DwnUp
U-CC018	GBRGTBridge 3 mp DwnUp
U-CC019	GBRGTBridge 4 mp DwnUp
U-CC020	GBCGTBridge 1 mp DwnUp
U-CC021	GBCGTBridge 2 mp DwnUp
U-CC022	GBCGTBridge 3 mp DwnUp
U-CC023	GBCGTBridge 4 mp DwnUp
U-CC024	GBRGT_Dist 1 mp DwnUp
U-CC025	GBRGT_Dist 2 mp DwnUp
U-CC026	GBRGT_Dist 3 mp DwnUp
U-CC027	GBRGT_Dist 4 mp DwnUp
U-CC028	GBCGT_Dist 1 mp DwnUp
U-CC029	GBCGT_Dist 2 mp DwnUp
U-CC030	GBCGT_Dist 3 mp DwnUp
U-CC031	GBCGT_Dist 4 mp DwnUp
U-DD000	GBRGT_Dist Side R-UP/DN
U-DD001	GBRGT_Dist Side C-UP/DN
U-DD002	GBRGT_Dist SideH R-UP/DN
U-DD003	GBRGT_Dist SideH C-UP/DN
U-DD004	STRUM NOISE 1&2 2PU R
U-DD005	STRUM NOISE 1&2 2PU C
U-DD006	STRUM NOISE 3&4 2PU R
U-DD007	STRUM NOISE 3&4 2PU C