

Best Of BOLDER Collection



World Music

Owner's Manual

KRONOS
Music Workstation

BOLDER *Sounds*

Overview

Welcome to the Best Of Bolder Collection: **World Music**

World Music instruments in this volume feature 74 Programs and 11 Combinations.

* Also included is a file called **World Music.KGE**. This file needs to be loaded along with your sounds. To load this file - use the *Load .KGE Too* check-box on the load dialog screen, or you may load it as a separate file. The default load bank of these 23 KARMA GEs is set to User C.

World Music Instruments

- Cavaquinho
- Saz
- Turkish Lute
- South American Flutes
- Native American Flutes
- Duduk
- Didgeridoo
- Middle Eastern Drums
- Electric Sitar
- Thumb Piano
- Tabla Loops & Hits

Demo Sequences

In your download is a demo .SNG file with a few demo sequences which can be loaded with your sounds called **World Music.SNG**.

World Music Program List

Program	Name
U-G000	Cavaquinho Flesh
U-G001	Cavaquinho Pick
U-G002	Cavaquinho VelSw
U-G003	Saz Plucked
U-G004	Saz Tremolo + Release
U-G005	Saz Tremolo VelSw
U-G006	Saz JS+Y=Tremolo
U-G007	Turkish Lute SW#1=Gestur
U-G008	Pan Flute JS+Y=Chiff
U-G009	Lakota Big JS=Gesture
U-G010	Pan Flute Chiffs
U-G011	Duduk

Program	Name
U-G012	Duduk Vibrato
U-G013	Duduk Bright
U-G014	Flauta
U-G015	Flauta Loco
U-G016	High Quena
U-G017	Pan Flute VelSw
U-G018	Pan Flute JS+Y=Flutter
U-G019	Pan Flute FX
U-G020	Lakota Big Flute
U-G021	Lakota Big Flute Vibrato
U-G022	Lakota Big JS=NatVibrato
U-G023	Lakota Big Flute VelSw

Program	Name
U-G024	Lakota Small Flute
U-G025	Lakota Small Flute Vib
U-G026	Lakota Sml JS=NatVibrato
U-G027	Didgeridoo Smooth Loops
U-G028	Didgeridoo RhythmicLoops
U-G029	Didgeridoo Barking Loops
U-G030	Didgeridoo Bark JS=Mix
U-G031	Didgeridoo Rhythm JS=Mix
U-G032	Darbuka Hits & Loops 106
U-G033	Darbuka Hits & Loops 113
U-G034	Persian Hits & Loops 110
U-G035	Duduk JS=NatVibrato
U-G036	Pan Flute JS=NatVibrato
U-G037	Electric Sitar Mic + DI
U-G038	Thumb Piano SW#1=Nail
U-G039	Thumb Piano Vel.Switch
U-G040	Electric Sitar Wet
U-G041	Punchy Electric Sitar
U-G042	Electric Sitar Rev.Delay
U-G043	Tabla Hits & Loops
U-G044	Tabla Hits & Loops REV
U-G045	Darbuka KARMA GE 1
U-G046	Darbuka KARMA GE 2
U-G047	Darbuka KARMA GE 3
U-G048	Darbuka KARMA GE 4

Program	Name
U-G049	Darbuka KARMA GE 5
U-G050	Darbuka KARMA GE 6
U-G051	Darbuka KARMA GE 7
U-G052	Darbuka KARMA GE 8
U-G053	Darbuka KARMA GE 9
U-G054	Darbuka KARMA GE 10
U-G055	Darbuka KARMA GE 11
U-G056	Darbuka KARMA GE 12
U-G057	Darbuka KARMA GE 13
U-G058	Darbuka KARMA GE 14
U-G059	Darbuka KARMA GE 15
U-G060	Darbuka KARMA GE 16
U-G061	Persian KARMA GE 1
U-G062	Persian KARMA GE 2
U-G063	Tabla KARMA GE 1
U-G064	Tabla KARMA GE 2
U-G065	Tabla KARMA GE 3
U-G066	Tabla KARMA GE 4
U-G067	Tabla KARMA GE 5
U-G068	Darbuka Layer 1
U-G069	Darbuka Tabla Layer 1
U-G070	Darbuka Tabla Layer 2
U-G071	Darbuka Tabla Layer 3
U-G072	Tabla Persian Layer
U-G073	Darbuka Persian Layer

World Music Program Notes

Cavaquinho

This 4 stringed Brazilian high pitched guitar is typically strummed in Samba and popular Brazilian music. However when played in single notes from the keyboard it has an absolutely charming quality. Both flesh and nail articulations are presented individually followed by a velocity switch program which combine the two articulations.

Saz

The word *Saz* refers to a family of plucked instruments in the shape of long necked lutes from the Middle East. This particular sampled Saz came from Turkey. Both plucked and tremolo articulations were sampled. The *Saz Tremolo + Release* program has just a hint of the plucked articulation triggered upon the keys release, emulating the resonance of the instrument after a tremolo phrase has concluded. Programs include velocity switching from plucked to tremolo as well as JS+Y crossfading. This sample is very bright, and it cuts through a mix with ease.

Turkish Lute

This particular lute had 6 strings and a very dark and full bodied tonal quality. A few licks which I have called *gestures* were sampled - they are triggered by SW#1. This instrument responds in a very musical way using the JoyStick on the Kronos for pitch bending and vibrato.

South American Flutes

This family of flutes includes a Pan Flute and Quena Flute of the Andes. The basic Pan Flute samples feature 3 articulations - no vibrato, medium vibrato and a wide vibrato, these are controlled by velocity switching. Also sampled from the Pan Flutes are *chiffs* as well as *flutters* and low breathy sustain I have simply called FX.

Native American Flutes

Two native American flutes were recorded here from the Lakota People. They are simply labeled big and small and are sample with and without vibrato. Non vibrato programs still have an LFO programmed to create JS+Y vibrato, while sampled vibrato programs are labeled *vibrato* or *natural vibrato*. The Big Lakota Flute has a few articulations such as flutters and bends which I have labeled as gestures. These are brought in by a crossfade using JS+Y.

Duduk

The Duduk is a Middle eastern woodwind instrument with a wonderful throaty tonal quality in the lower register. Vibrato and non vibrato samples were recorded. The program *Duduk Bright* features only samples which naturally had a brighter quality of the original samples taken.

Didgeridoo

This indigenous Australian wind instrument dates back 1,500 years. I have categorized the recorded loops into *Smooth*, *Rhythmic* and *Barking* loops. Typically there are anywhere from 3 to 5 loops per multisample evenly distributed across the keyboard. Programming provides crossfading between these various types of loops via JS+Y control. These are effectively used as evocative drone textures.

Electric Sitar

This instrument became the 1960's version of the traditional Indian Sitar sound coupled with the feel of the standard electric guitar. It has 13 sympathetic strings as well as the standard 6 strings of most electric guitars.

It was recorded with a DI out of the guitar as well as a microphone. Using your Vector Joystick you can easily balance Oscillators 1 and 2 to to your liking for mixing of the DI and microphone samples. Realtime mixing of OSC 1 & 2 on the Electric Sitar programs can also be expressive and dynamic.

Thumb Piano

This instrument is also frequently referred to as a *Mbira*. I sampled it with flesh and fingernail articulations (using my thumb of course). These 2 articulations are offered as velocity switch as well as SW#1 triggering the nail pluck of the tines.



World Music Percussion Program Notes

In *programs 032 through 034* you will find Darbuka and Persian Drum loops and hits. The number at the end of the programs indicates the BPM tempo that the loops were originally recorded at.

The Tabla hits and loops programs located at 043 and 044 have no BPM number in the title because they were recorded without a click track and are quite free in regards to meter - however they are quite musical!

Program 032 - Darbuka Hits & Loops @ 106 bpm - Hits are mapped chromatically from C2 - D#4. The loops are mapped from C5 - D6 *on the white keys only*.

Program 033 - Darbuka Hits & Loops @ 113 bpm - Hits are mapped chromatically from C2 - D#4. The loops are mapped from C5 - F6 *on the white keys only*.

Program 034 - Persian Hits & Loops @ 110 bpm - Hits are mapped chromatically from C2 - B4. The loops are mapped from C5 - G5 *on the white keys only*. The Persian drum is tuned quite a bit lower than the Darbuka and has a very *beefy* sound to it.

Program 043 - Tabla Hits & Loops - Hits are mapped chromatically from C2 - B2. The loops are mapped from C3 - E4 *on the white keys only*. The Tabla sampling in this volume is in no way intended to be comprehensive in reflecting the mnemonic syllables used in Indian classical music. Just some very cool percussive colors for your Kronos!

Program 044 - Tabla Hits & Loops REV - This is the same mapping as the above mentioned Tabla program. Each sample has been reversed in Oscillator 2 and is layered with the forward direction samples. Play with you Vector Joystick a bit on this one!

The programs mentioned above work just fine in any sequencer at the specified BPM tempos. And the hits are there for the user to do fills and endings as needed. But what does one do if they want a different tempo for sequencing or real time control on the Kronos?

World Music Percussion - Enter KARMA GE's

So I called my friend Ed Fenner who lives nearby here in Boulder. He was game enough to do some slicing and dicing of the loops, create KARMA GE's and Multisample maps so that these loops could be manipulated in realtime with KARMA modulation and tempo control.

Now, I will not kid you into thinking that the conversion process was problem free and that every loop was able to be converted in this way. But we did come up with enough musical material after working with the above percussion loops to be happy with the results. If you give the Combinations a listen in this volume, I think that will be proof enough - they are all built from these KARMA GE's.

Programs 045 - 060 are titled *Darbuka KARMA GE 1 - 16* - These programs are NOT intended to be played as a percussion kits. They are saved with the KARMA button turned ON. So when you press *any* key, the KARMA GE triggers immediately. Each program is saved with 3 KARMA scenes leaving 5 more slots for the user to create and save their own. These programs are also saved with the RT KNOBS/KARMA button engaged. By moving the KARMA Control Sliders on your Kronos you have real time controls listed below -

Slider 1	Rhythm Swing %
Slider 2	Pattern Variation
Slider 3	Note Randomize
Slider 4	Randomize/Improvise
Slider 5	Repeat On/Off By Pattern
Slider 6	Repeat Rhythm Value
Slider 7	Repeat Repetitions
Slider 8	Repeat Transpose

Switch 1	Pattern On/Off [1]
Switch 2	Pattern On/Off [2]
Switch 3	Pattern On/Off [3]

The above information also applies to programs 061 - 067 utilizing the Persian Drum as well as the Tabla Loops.

Programs 068 - 073 are KARMA based programs and all the above information applies as well. In these programs both oscillators are used to create various drum layers.

World Music Combinations

The 11 Combinations created for this volume are intended to showcase how the previously mentioned KARMA GE's may be incorporated together using the 4 KARMA modules available in the Combination banks.

Combi	Name
U-G000	Tabla 1-4 + Elect. Sitar
U-G001	Tab+Persian+Sz+Flt-JStk
U-G002	Darbukas Detuned
U-G003	Darbuka+Detuned Persian
U-G004	4 Darbukas + Saz JS+Y
U-G005	Darbukas+Didgeridoo JS

Combi	Name
U-G006	Darbukas+Duduk+TurkLute
U-G007	Tabla+El.Sitar+Saz Oct
U-G008	Darbuka Playground 1
U-G009	Darbuka Playground 2
U-G010	World Playground

All Combinations listed above trigger all 4 KARMA modules by pressing any key below B2. KARMA controlled timbres are always located in slots 1 - 4. A number of Combinations feature various instruments from this volume like the Saz, Electric Sitar, Duduk, Turkish Lute, Didgeridoo and Lakota Flute.

When in the Combination bank, if you wish to manipulate KARMA controls in realtime - be sure that the RT KNOBS/KARMA button is engaged, and secondly press the MODULE CONTROL button (located below the LATCH button) to select which of the 4 KARMA modules you wish to control.

Thanks to Ed Fenner for his contributions to this library.

Thank you and I hope you enjoy the KRONOS edition of the BOB World Music volume!
Dennis Burns - Bolder Sounds - December 2013

BOLDER *Sounds*

