



User Guide

Getting Started

Thank you for purchasing K-Sounds' Classical Nylon Guitar for the M3! We believe you will love the realism and expressiveness of this sound set. Classical Nylon Guitar features eight sampled dynamic levels for authentic response and unlooped samples for a full, natural decay. Also included are samples of muted notes, harmonics, and performance noises. K-Sounds' creative programming lets you execute idiomatic musical gestures in real time to produce an authentic sounding performance in a single pass.

Loading

Before you load Classical Nylon Guitar, be sure your M3 has operating system version 2.0 or higher installed. If you are using an M3 Xpanded, you have a compatible operating system already installed.

Also before you load, please use your M3 to save a PCG file of all banks of programs and combinations to avoid accidentally losing any of your sounds.

Classical Nylon Guitar requires 63Mb RAM to load the Small bank or 156Mb RAM to load the Large bank. Any M3 can load the Small bank, provided none of Korg's expansion sample sets is loaded. Korg's sample RAM expansion is required to load the Large bank.

After unzipping the product download file, you will find two banks, each in its own folder. Bank contents are as follows:

Small (All files labeled CNG_SMAL) – Requires only the stock 64Mb RAM – 3 velocities plus mutes and performance noises provided. If the sample RAM expansion is installed, this bank leaves room to load all four EXPCM sound sets. If the sample RAM expansion is NOT installed, none of Korg's EXPCM sound sets can be loaded; if one of them is already loaded, you must unload it before the M3 will allow you to load CNG.

Large (All files labeled CNG_LARG) – Requires 156Mb RAM – Provides 8 velocities plus mutes, harmonics, and performance noises. After this bank is loaded, there will be room to load two or three EXPCM sets, but not all of them.

Loading

Use your computer to copy at least one of the banks to your USB media. Be sure to include all the files in that bank's folder. (For example, to play the Small bank, you will need to copy CNG_SMAL.PCG, CNG_SMAL.KSC, and the folder named CNG_SMAL to the same directory on your USB media. Connect the USB media to the M3. In Media mode, highlight the PCG file for the bank you wish to load. Touch "Load." Check the box beside "Load CNG...KSC too," and set the "Select .KSC Allocation" parameter as you desire. (We suggest "Clear" if you are not using any other RAM samples.) By default, Classical Nylon Guitar programs and combinations will load to the U-G bank. If you wish to load to a different bank, use the ".PCG Contents" field to load "Bank U-G" to the bank of your choice.

Programs

Program names differ for some sounds, depending on the bank that is loaded.

000 8-Way Classical Nylon / 3-Way Classical Nylon – This program uses three sampled velocities (Small bank) or eight sampled velocities (Large bank) to create an extremely expressive guitar.

001 8-Way Nylon V-Slide SW1 / 3-Way Nylon V-Slide SW1 – Identical to the previous program except that playing forcefully triggers a half-step slide. When SW1 is on, the slide will be a whole step.

002 Crisp 8-Way Nylon / Crisp 3-Way Nylon – This program uses all available sampled velocities to create an extremely expressive guitar with accentuated high frequencies.

003 Crisp V-Slide Nylon SW1 – Identical to the previous program except that playing forcefully triggers a half-step slide. When SW1 is on, the slide will be a whole step.

004 Super Stereo Nylon – Classical guitar with a wide stereo image.

005 Super St Nylon Vel Slide – Identical to the previous program except that playing forcefully triggers a half-step slide. When SW1 is on, the slide will be a whole step.

006 Super Stereo Nylon 2 – Classical guitar with a wide stereo image. Different tone quality than the previous two programs.

007 Super St Nylon V-Slide 2 – Identical to the previous program except that playing forcefully triggers a half-step slide. When SW1 is on, the slide will be a whole step.

008 Vel Half-Mute Nylon – Dynamic nylon guitar. As progressively softer notes are played, the tone gradually changes from full to muted.

009 Vel Mute / Slide Nylon - Identical to the previous program except that playing forcefully triggers a half-step slide. When SW1 is on, the slide will be a whole step.

010 Vel Mute/Harmonic Nylon / Placeholder Program – Nylon guitar incorporating mutes and harmonics. To hear muted notes, play softly. Play a medium dynamic to hear normal notes. Play forcefully to hear harmonics. (This program is silent in the Small bank because sampled harmonics are not loaded.)

011 Mono Nylon SW1=V.Slide – Dynamic nylon guitar presented in mono. Use this program to conserve polyphony in dense musical passages. When SW1 is on, playing forcefully triggers a half-step slide.

012 8-Way Chorus Nylon / 3-Way Chorus Nylon – Dynamic nylon guitar with a jazzy, chorused tone.

013 Nylon + Pad SW1=V.Slide – Nylon guitar layered with a warm stereo pad. When SW1 is on, playing forcefully triggers a half-step slide.

014 Nylon + Strings SW1 – Nylon guitar layered with a string pad. When SW1 is on, playing forcefully triggers a half-step slide.

015 Nylon + Strings 2 SW1 – Nylon guitar layered with an alternate string pad. When SW1 is on, playing forcefully triggers a half-step slide.

016 Nylon + Choir SW1=VSlid – Nylon guitar layered with a breathy choir. When SW1 is on, playing forcefully triggers a half-step slide.

017 Muted Nylon – Nylon guitar with strings muted.

018 Nylon Harmonics / Placeholder Program – Nylon guitar harmonics. (This program is silent in the Small bank because sampled harmonics are not loaded.)

019 Nylon FX Kit – 61 nylon guitar performance noises intended to enhance sequenced songs. Left to right, this program features fret noises, strum noises, and various taps and thunks.

020 Slide Release V 104-127 – Intended for use in combinations, layered with full guitar sounds. When all notes have been released, the noise of fingers sliding across strings will sound unless SW2 is on. This sound covers MIDI velocities 104-127.

021 Slide Release V 81-103 – Intended for use in combinations, layered with full guitar sounds. When all notes have been released, the noise of fingers sliding across strings will sound unless SW2 is on. This sound covers MIDI velocities 81-103.

022 Slide Release V 57-80 – Intended for use in combinations, layered with full guitar sounds. When all notes have been released, the noise of fingers sliding across strings will sound unless SW2 is on. This sound covers MIDI velocities 57-80.

023 Slide Release V 33-56 – Intended for use in combinations, layered with full guitar sounds. When all notes have been released, the noise of fingers sliding across strings will sound unless SW2 is on. This sound covers MIDI velocities 33-56.

024 Slide Release V 00-32 – Intended for use in combinations, layered with full guitar sounds. When all notes have been released, the noise of fingers sliding across strings will sound unless SW2 is on. This sound covers MIDI velocities 0-32.

025-029 – Mono versions of the the previous five programs for layering with program 011 *Mono Nylon SW1=V.Slide.*

030 8-Way Key-Off SW2 / 3-Way Key-Off SW2 – Intended for use in combinations, this program emulates strings being muted by fingers when notes are released. SW2 mutes this sound.

Combinations

Combination names differ for some sounds, depending on the bank that is loaded.

Most combinations are duplicates of the programs with the addition of fret noises that enhance the realism of chord changes.

Performance tip: To give the fret noises a sense of randomness while still maintaining control over when they occur, be intentional in using legato and detached playing styles. As long as one or more notes are sounding, fret noises will not occur. If you want to hear fret noises, release all notes including those held by the sustain pedal. As soon as you play another note, the fret noise will end, even if the noise sample has not played to completion.

000 8-Way Nylon + Fret Noise / 3-Way Nylon + Fret Noise – Program 000 *8- or 3-Way Classical Nylon* plus fret noise and key-off sounds. SW2 mutes the fret noise and key-off sounds.

001 8-Way V.Slide + Fret / 3-Way V.Slide + Fret – Program 001 *8- or 3-Way Nylon V-Slide SW1* plus fret noise and key-off sounds. SW2 mutes the fret noise and key-off sounds.

002 Sus Ped = Dble Strum – Program 000 *8- or 3-Way Classical Nylon* with an additional layer that allows fast strumming to be played in real time. While the sustain pedal is pressed, pressing a key will cause two notes to sound in quick succession. Fret noise is also included but can be muted with SW2.

003 Crisp Nylon + Fret Noise – Program 002 *Crisp 8- or 3-Way Nylon* plus fret noise and key-off sounds. SW2 mutes the fret noise and key-off sounds.

004 Crisp V.Slide + Fret – Program 003 *Crisp V-Slide Nylon SW1* plus fret noise and key-off sounds. SW2 mutes the fret noise and key-off sounds.

005 Crisp Ped = Dble Strum – Program 002 *Crisp 8- or 3-Way Nylon* with an additional layer that allows fast strumming to be played in real time. While the sustain pedal is pressed, pressing a key will cause two notes to sound in quick succession. Fret noise is also included but can be muted with SW2.

006 Super Stereo Nylon + Fret – Program 004 *Super Stereo Nylon* plus fret noise. SW2 mutes the fret noise.

007 Super St V.Slide + Fret – Program 005 *Super St Nylon Vel Slide* plus fret noise. SW2 mutes the fret noise.

008 Super St. Dble Strum – Program 004 *Super Stereo Nylon* with an additional layer that allows fast strumming to be played in real time. While the sustain pedal is pressed, pressing a key will cause two notes to sound in quick succession. Fret noise is also included but can be muted with SW2.

009 Super St. Nylon 2 + Fret – Program 006 *Super Stereo Nylon 2* plus fret noise. SW2 mutes the fret noise.

010 Super St. 2 VS + Fret – Program 007 *Super St Nylon V-Slide 2* plus fret noise. SW2 mutes the fret noise.

011 Super St 2 Dble Strum – Program 006 *Super Stereo Nylon 2* with an additional layer that allows fast strumming to be played in real time. While the sustain pedal is pressed, pressing a key will cause two notes to sound in quick succession. Fret noise is also included but can be muted with SW2.

012 V. Half Mute + Fret – Program 008 *Vel Half-Mute Nylon* plus fret noise and key-off sounds. SW2 mutes the fret noise and key-off sounds.

013 Half Mute V Slide + Fret – Program 009 *Vel Mute / Slide Nylon* plus fret noise and key-off sounds. SW2 mutes the fret noise and key-off sounds.

014 Half Mute V Harm + Fret / Placeholder Combi – Program 010 *Vel Mute / Harmonic Nylon* plus fret noise and key-off sounds. SW2 mutes the fret noise and key-off sounds. (This combination is silent in the Small bank because sampled harmonics are not loaded.)

015 Mono Nylon + Fret Noise – Program 011 *Mono Nylon SW1=V.Slide* plus fret noise. SW2 mutes the fret noise.

016 Chorus Nylon +Fret Noise – Program 012 *8- or 3-Way Chorus Nylon* plus fret noise and key-off sounds. SW2 mutes the fret noise and key-off sounds.

017 Nylon Pad + Fret Noise – Program 013 *Nylon + Pad SW1=V.Slide* plus fret noise. SW2 mutes the fret noise.

018 Nylon Strings + Fret – Program 014 *Nylon + Strings SW1* plus fret noise. SW2 mutes the fret noise.

019 Nylon Strings 2 + Fret – Program 015 *Nylon + Strings 2 SW1* plus fret noise. SW2 mutes the fret noise.

020 Nylon Choir + Fret – Program 016 *Nylon + Choir SW1=VSlid* plus fret noise. SW2 mutes the fret noise.

021 Nylon + Choir & Strings – Program 016 *Nylon + Choir SW1=VSlid* with octave string layer from program 015 *Nylon + Strings 2 SW1* plus fret noise. SW2 mutes the fret noise.

Real-Time Control

The following system of real-time control is implemented in Classical Nylon Guitar.

Left Hand Controller Section:

Aftertouch – Applies vibrato.

Joystick +X / -X – Applies standard pitch bend.

Joystick+Y – Applies vibrato to all pitched guitar sounds.

Joystick-Y – Decreases decay time, emulating muted strings.

SW1 – For select sounds, SW1 activates or changes the slide triggered by notes played forcefully.

SW2 – Silences key-off elements for select sounds.

Ribbon – Quantized pitch bend for pitched guitar sounds. This emulates the half-step changes in pitch that occur when fingers move up or down the fret board.

Assignable Sliders - *Active when the Control Assign button REALTIME CONTROL is selected.*

User 3 – Adds delay.

User 4 – Adds hall ambience.

Sustain Pedal:

Functions normally for most sounds. For Combinations 2, 5, 8, and 11 only, while the sustain pedal is pressed, pressing a key will cause two notes to sound in quick succession. This allows fast strumming to be played in real time.

KARMA:

Although no Karma real-time controls are available for user adjustment, the Karma engine itself automatically adjusts certain parameters in real time to provide a realistic guitar emulation. If Karma is On when you select a sound, please leave it on.