

DeepMind Family Firmware

Version 1.1.1 – (30 August 2017)

New Features

- Added SysexID to USB device name for handling multiple devices.
- A new version of the DeepMind update tool which allows users to choose a local file that has been previously downloaded or directly download any released firmware version from within the updater.
- Added Octave switching to Chord mode.

Addressed Issues

- Fix for stuck notes being generated when changing Key-Range.
- Further improvements to the calibration routine.
- Added support to allow the transmission of the HOLD message to external equipment.
- Fix for Poly Chain sending incorrect NRPN messages.
- Disable Poly-Chain option when Key-Range is enabled and vice-versa.
- Improvements to fast bank navigation.
- Fix for DeepMind 6 and DeepMind 12D showing as a DeepMind 12 when connected to a computer running OSX.
- Fix for sustain pedal killing previously held notes.
- Added protection to prevent downgrade of firmware version on unsupported models.
- Fix to prevent multiple button presses being required to enter Poly-Chord in certain circumstances.
- Fix to ensure default program pitch bend values are set to -2/+2.
- Fix for additional notes being added to an existing Poly-Chord not saving.
- Various Chord/Poly-Chord navigation fixes and improvements.
- Fix for Octave reset not resetting to 0 on DeepMind 6 synth.

- Fix to ensure notes added to an existing Poly Chord are arpeggiated in the correct order.
- Fix to prevent Data Entry fader affecting parameters when in Poly Chord view mode.
- Fix for calibration failing when a RackAmp was placed in an effect slot beforehand.
- Fix for YES/NO buttons failing to flash when highlighting Backup options.
- Fix to prevent stuck notes occurring with external equipment when using the Arp-to-Midi function.
- Fix for local notes being killed when Arp-to-Midi is toggled on or off.

General Information

For reasons of compatibility it is recommended that this firmware release (v1.1.1) be used with the application v1.0.3 or later.

Please run the VCA Calibration on all voices after the update is performed if upgrading from firmware version 1.0.4 or lower.

Update Procedure

- This release note describes the public release which includes the following files

Upgrade Tool

- DeepMindUpdater-Mac.app.zip
- DeepMindUpdater-WinPC.exe

Firmware Files

- DeepMind-Firmware-v1.x.y-build.XX.syx

DeepMind Firmware Update Instructions

Note: We recommend using a USB connection to perform any updates where possible.

Please ensure that the DeepMind Device ID is set to 1, this can be found in the Global -> Connectivity page on the DeepMind.

An updater tool has been provided for both the following platforms

Windows PC (Win 7 – Win 10)

Apple Mac (OSX Yosemite, El Capitan & MacOS Sierra)

N.B. Please unzip the Apple Mac tool prior to installing and running the following steps

Updating the DeepMind Firmware over a USB connection:

1. Connect a USB cable to both the computer and the DeepMind.
2. Load the DeepMindUpdater tool.
3. Click on the MIDI device button and select the DeepMind as the MIDI Input and MIDI Output.

Note : There are two methods of updating the DeepMind Firmware at this point :

- a) To update using the download method :
 - Click on the Download File tick box.
 - Click on the Choose File menu and select a Firmware version from the drop down list - Click the Begin Update button.
- b) To update using the local file method :
 - Click on the Local File tick box.
 - With a file previously downloaded, click the Browse button.
 - Locate the file named 'DeepMind-Firmware-v1.x.y-build.XX.syx', select and click Open.
 - Click the Begin Update Button.

The update should start at this point, showing a progress indicator on both the application and the synth as each of the component images is uploaded to the DeepMind memory.

Once the upload is complete the DeepMind will prompt the user to turn the unit off and back on again to complete the update.

Updating the DeepMind Firmware over a MIDI Interface:

1. Connect the MIDI interface to the IN and OUT ports of the DeepMind (**Note:** A MIDI cable **MUST** be connected to the DeepMind MIDI OUT port so that the updater can get a response from the synth).
2. Load the DeepMindUpdater tool.
3. Click on the MIDI device button and select the MIDI interface as the MIDI input and MIDI Output.

There are two methods of updating the DeepMind Firmware at this point :

- a) a) To update using the download file method:
- Click on the Download File tick box.
 - Click on the Choose File menu and select a Firmware version from the drop down list
 - Click the Begin Update button.
- b) b) To update using the local file method :
- Click on the Local File tick box.
 - With a file previously downloaded, click the Browse button.
 - Locate the file named 'DeepMind-Firmware-v1.x.y-build.XX.syx', select and click Open.
 - Click the Begin Update Button.

The update should start at this point, showing a progress indicator on both the application and the synth as each of the component images is uploaded to the DeepMind memory.

Once complete, the synth will prompt the user to turn the unit off then back on again to complete the update.

(Please Note : DeepMind 12D and DeepMind 6 are compatible with firmware version 1.1.0 or later)