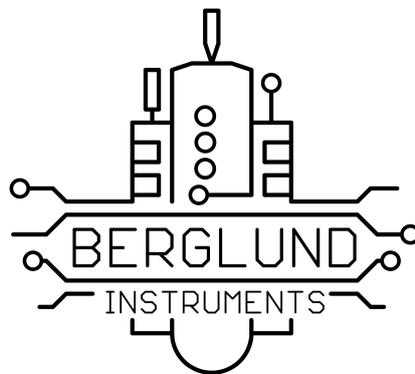


# User Guide Addendum

NuEVI R2

Firmware v.1.6.6



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## Overview

The NuEVI R2 (revision 2) has some difference in controls over the original NuEVI. Keys and rollers are now always of the nicer "DLX" model, custom machined in stainless steel. Main keys are cupped and the rollers are fatter and smoother. On the top side there is also the addition of extra keys for fingering based patch selection (activates with and works in addition to previous LEGACY PB setting in the EXTRAS menu). The right hand thumb lever has been replaced by a piezo based vibrato sensor and a touch pad is placed in front of the thumb. This pad allows easier control of glide or CC than the previous lever type. There is also an alternative input source available for the extra controller (on the bottom screw near the rollers), and glide has been added as a destination for the extra controller. As for controller outputs, they are just like on the original NuEVI with the exception of the CV model that has now been discontinued. All NuEVI still have the CV on the 5-pin DIN MIDI jack, for use with Berglund CV modules like CVX and CVXG, or the standalone NuMar and "Gray Mini" analog synth boxes.

## Changes in the menu

As the lever is now replaced with a vibrato only lever plus a touch pad, the menu items LVR CTL and LVR CC are now renamed PAD CTL and PAD CC. (In the VIBRATO menu the SENSE LVR and SQUELCH L are still named the same as they are applied to the new piezo vibrato lever). In the adjust menu, the page is labeled PAD instead of LVR.

For the extra controller, the item GLD has been added as a destination. This links the control to the glide routines and menu items GLIDE MOD, GLIDE MAX and GLIDE MIN will further decide the corresponding glide CC outputs.

There is a new auxiliary controller connection on the screw between the rollers and the display. This adds two new menu items in the SETUP CTR menu - AUX CTL and AUX CC. AUX CTR can be set to OFF, GLD (default) or CC. AUX CC sets the CC number to send when the aux control is set to CC.

Now there are two sensor dots visible in the SNS row of the adjust menu for LIP/EC, one for the aux input and one for the lip sensor. Like with the pitch bender, the threshold and max bars are valid for both sensor inputs.

## Other notes

For use of the new patch selection keys, see legacy functions in main user guide. The taller key is equivalent to the touching of both pitch benders at the same time, and the lower key is equivalent of touching pitch benders plus pinky key. This way the taller key selects mid range patch numbers and the lower key selects top and bottom range patch numbers. Finger a note representing a patch number, then touch patch selection key depending on desired range. If no patch number is sent, make sure LEGACY PB is activated in EXTRAS menu.