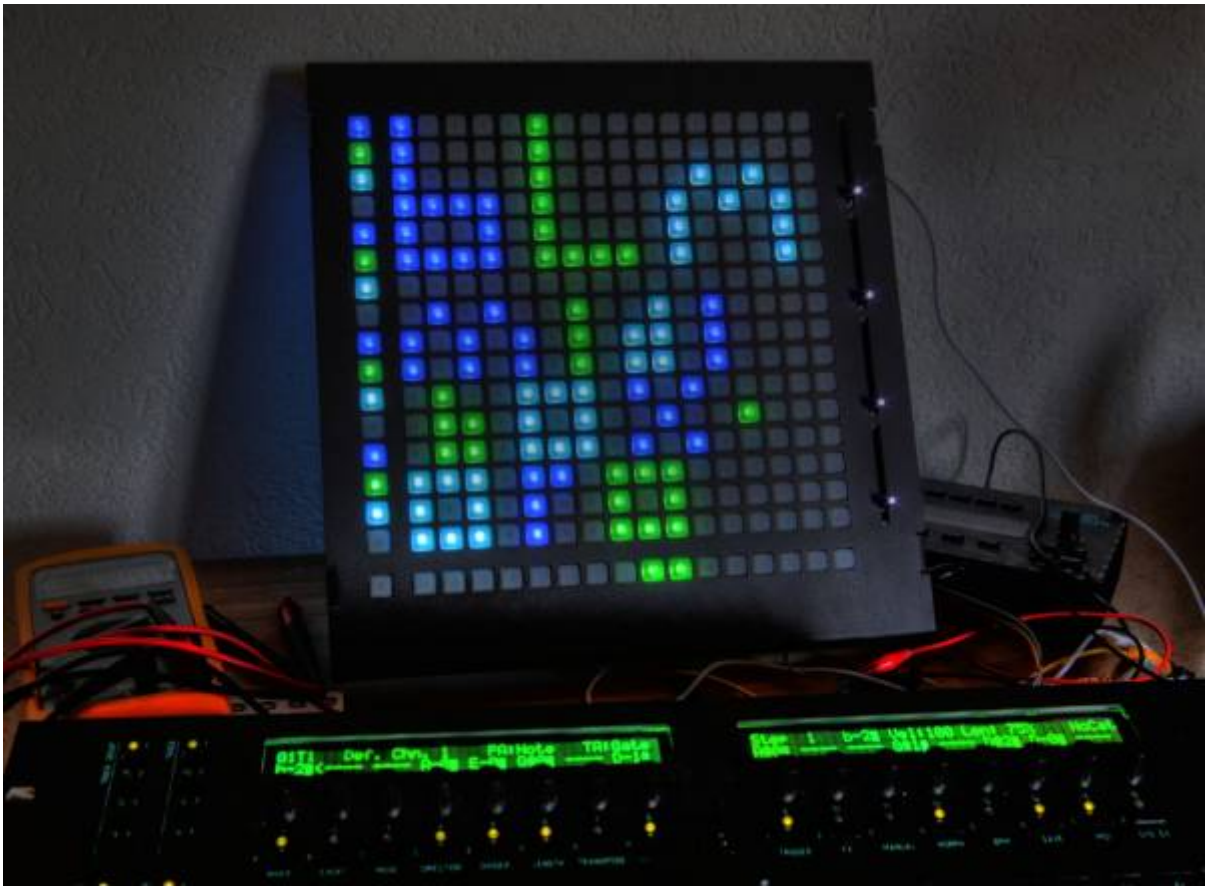
Button LED Matrix (BLM16x16+X) Control Surface



uCapps.de Overview
MIDIbox BLM Forum

<box 80% round #dddddd>The BLM is a button grid control surface with LED feedback that can be used as a controller for the MIDIbox SEQ V4, as well as for the SEQ V4L. The full-size BLM (the "16×16+X") has a 16×16 button grid, with extra control buttons along the sides. Larger or smaller BLMs are possible - the BLM protocol scales to accommodate different button matrix sizes.

There are many BLM options available. You can build a hardware BLM - some users have designed PCBs, others have used veroboard. Ilmenator has created a 16x4 hardware BLM. A Lemur application is available that provides a virtual BLM on an iPad. BLM emulation software is available for Linux, Windows, and Mac computers. The Lemur app and the emulator software can be downloaded on this page.</box>

- **BLM 16x16+X Build Guide** based on Latigid On's design
- **Novation Launchpad BLM** - Since firmware version 87, the SEQ V4 supports the use of two Novation Launchpads as a BLM control surface. Two Launchpads form a 16×8+X BLM, and up to four can be connected to make a full 16×16+X control surface. Setup instructions.
- **Using the BLM** - Some info on the features of the MIDIbox SEQ BLM and how it can be used.

See also the uCapps.de BLM Overview

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