

Bohm Eurorack Manual (Compiled Reference)

This PDF is a compiled reference based on the official Bohm Eurorack Manual hosted on Read the Docs: <https://bohm-eurorack-manual.readthedocs.io/en/latest/index.html> Bohm is a stereo dual-voice Eurorack kick module system with optional Groove and Performer expanders.

Installation

- Power down your Eurorack system before installation.
 - Bohm requires 18HP, Groove requires 10HP, Performer requires 8HP.
 - Connect the ribbon cable with the red stripe aligned correctly.
 - Secure the module carefully without overtightening.
 - Power the system back on after installation.
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Overview

Bohm includes multiple kick drum “models,” each representing different drum machine architectures. Controls include HIT, VELOCITY, LENGTH, SUSTAIN, ATTACK, PITCH, CURVE, TRS DECAY, COLOR, FX, and TRS TONE. Groove adds a secondary kick voice for techno rumbles and layered percussion. Performer adds DJ-style effects, ducking, and stereo processing.

Functions

The Bohm engine processes modular “models” consisting of hundreds of internal DSP modules. Controls behave differently depending on the selected model. PITCH ranges roughly from C1 to C2, with adjustable pitch curves inspired by 808 and 909 kick behavior.

Running Modes

Studio Mode: Immediate parameter changes for production and sound design.

Live Song Mode: Sequenced kick changes optimized for performance.

Jam Mode: Improvisation-focused performance mode.

Firmware Update

Firmware updates are performed using the included microSD card.

Steps:

1. Download the firmware package.
2. Copy the contents to the SD card root.
3. Reinsert the SD card.
4. Power on the Eurorack system.

The update process takes approximately 20 seconds.

Calibration

Calibration is recommended if knobs or CV inputs appear inaccurate. The process includes knob sweeps, CV checks, and optional 3V pitch calibration. Groove and Performer expanders can also be calibrated independently.

Technical Specifications

- microSD / SDHC support up to 32GB
 - FAT32 with MBR format required
 - Stores firmware, kick models, samples, and user wavetables
 - Memory includes system settings and up to 32 programs
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Official documentation source: <https://bohm-eurorack-manual.readthedocs.io/en/latest/index.html>