

BITSTREAM[®] 3X

THE HIGH-PERFORMANCE UNIVERSAL MIDI CONTROLLER

Bitstream 3X is the high performance universal MIDI controller that offers professional controls to any software and synthesizer responding to MIDI. With its large amount of knobs, sliders, buttons, joystick, infrared controller, cross-fader and much more, the Bitstream 3X is very well suited for studio applications and new synthesizers software generation requiring a lot of controls.

Much more than a simple MIDI controller, the Bitstream 3X also features different automations such as a LFO, an enhanced arpeggiator, as well as a 8 tracks built-in motion sampler.

The Bitstream 3X is pre-programmed to work directly with all soft synths, in addition the unit is fully programmable through a dedicated User-friendly configuration software, giving a in-depth access to all MIDI parameters



TOTAL CONTROL

- **Large mix of sliders, knobs, buttons, infrared controller, joystick, cross-fader ...**

The Bitstream 3X is the only MIDI controller that offers all of these original controls. Bitstream 3X is able to generate 21 different MIDI events per control, on all 16 MIDI channels, each MIDI event can be sent to the different MIDI outputs

- **Pre-programmed mode (Standard)**

The unit is already programmed in this mode: all 128 CCs are already mapped to all controls of the Bitstream 3X. This mode is mainly used to fully control software responding to MIDI

- **Fully programmable mode (User Defined)**

With the help of a user-friendly configuration software, any MIDI event (including sysex) can be individually assigned to all potentiometers, buttons, infrared controller ...

AUTOMATIONS

- **Built-in programmable LFO**

Bitstream 3X features a unique LFO, fully programmable. 3 additional knobs allow to real-time control amplitude, frequency & offset of the generated wave (sine-triangle-square-random)

- **Enhanced arpeggiator**

More than a simple arpeggiator, Bitstream 3X integrates a "groove composer" able to generate MIDI notes in real-time. All arpeggiator parameters can be tweaked "on the fly", giving the user a unique way to enrich his music

- **Motion sampler**

Bitstream 3X features a built-in motion sampler. With 8 independent tracks, the user can record and playback in real-time any motion on any control of the Bitstream 3X

All the automations can be independently synchronized from an external MIDI clock, or directly from the internal Bitstream 3X timebase



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TOTAL CONNECTION

- Bitstream 3X is equipped with 1 MIDI In, 1 MIDI Thru, 2 MIDI Outs, 1 USB port (self powered), plus 1 expansion port, and 1 SYNC-24 output !
All the MIDI events generated by the controller can be independently sent to the different outputs, allowing the Bitstream 3X to be easily integrated in any MIDI setup
The controller is fully compliant with the MIDI over USB specification, making it driver-less for both Mac and Windows.
The SYNC-24 output allows to perfectly synchronize vintage synths to the Bitstream internal sequencer.
The expansion port receives additional modules (future developments) being controlled by the Bitstream 3X.

OTHERS

- **Snapshot memories**
All controls can be saved & restored at any time while playing music, in 100 different scenes memories !
- **In-depth programming**
Programmable Min & Max values for each control, programmable MIDI delays, Sysex checksum management, up to 21 user defined bytes per MIDI event, 7 curve models for each control (linear, log, random ...), each control can be assigned with a text displayed on the LCD so the user can see what parameter is being controlled
- **Built-in MIDI Merger & filter**
Bitstream 3X features a MIDI merger, (i.e. all incoming MIDI events are merged with events generated by the Bitstream 3X), allowing the user to easily integrate Bitstream in his existing MIDI setup, in addition the controller can be used as a MIDI to/from USB converter
- **Large graphic display**
Bitstream 3X features a large graphic display with backlight, allowing the user to have an instant access to all parameters
- **Mac and PC software version available**
Both are downloadable for free via our website.



MINIMUM SYSTEM REQUIREMENTS



Macintosh

Power PC G3 - 233 MHz or higher
64 MB RAM



Windows

Processor 200 MHz or higher
32 MB RAM or more



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