

# BITSTREAM<sup>®</sup> PRO

## THE HIGH-PERFORMANCE UNIVERSAL MIDI CONTROLLER

Bitstream<sup>®</sup> Pro 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 and buttons, Bitstream Pro is very well suited for studio applications and new synthesizers software generation requiring a lot of controls. Delivered with a user-friendly configuration software, Bitstream Pro offers the user the power to assign to each potentiometer, button, and LFO any MIDI event.

Bitstream Pro is the solution that matches all the live performances requirements: backlight LCD, scenes memories, direct access to all 16 MIDI channels, built-in MIDI merger, etc.



## TOTAL CONTROL

- **Large mix of Sliders, Knobs and buttons**  
Bitstream Pro is the only MIDI controller that offers sliders, knobs and buttons. Bitstream Pro is able to generate 3 different MIDI events per control, on all 16 MIDI channels, resulting in more than 2300 different MIDI events without any programming !
- **Automatic mode (Mode 1: CC)**  
The unit is already programmed in this mode: all 128 CCs are already mapped to the 40 potentiometers and 8 on/off buttons of the Bitstream Pro. This mode is mainly used to fully control software responding to MIDI
- **Fully programmable mode (Mode 2: UD)**  
With the help of a user-friendly configuration software, any MIDI event (including sysex) can be individually assigned to all potentiometers and buttons

## PROGRAMMABLE MODE

- **Built-in programmable LFO**  
Bitstream Pro features a unique LFO, fully programmable. 3 additional knobs allow to realtime control amplitude, frequency & offset of the generated wave (sine-triangle-square)
- **Programmable-chained controls & cross faders**  
Bitstream Pro has been also developed for people performing gigs, offering to that kind of user the opportunity to create linked controls, as well as virtual crossfaders
- **Configuration software**  
The dedicated configuration software allows the user to assign any MIDI event to each potentiometer, button and LFO. Each control can be configured independently to precisely answer to the MIDI event of the gear to control



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## OTHER KEY FEATURES

### • Backlight LCD

The LCD provides the user all the information required. It is real-time updated and displays current MIDI channel, control value, control number, as well as MIDI channel selected. It also displays a user-defined text, up to 16 characters can be individually assigned to each knob, slider and switch, allowing the user to retrieve the controlled parameter.

### • Snapshot memories

All 48 potentiometers and buttons can be saved & restored at any time while playing music

### • In-depth programming

Programmable min & max values for each control, programmable MIDI delays, Sysex checksum management, up to 24 user defined bytes per MIDI event

### • Built-in MIDI Merger & filter

Bitstream Pro features a MIDI merger, (i.e. all incoming MIDI events are merged with events generated by the Bitstream Pro), allowing the user to easily integrate Bitstream in his existing MIDI setup.

### • 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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