

The purpose of this application note is to describe buttons functions while Bitstream is booting. In this document, the Boot sequence is defined as the moment when the user turn-on the unit. Bitstream Pro automatically checks for concerned buttons once it is turned on.

Requirements

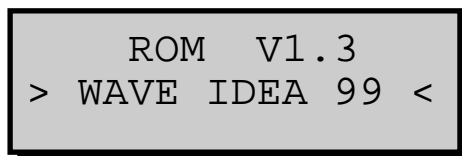
This document only concerns owners of Bitstream Pro featuring built-in **ROM V1.3 or higher**, for older versions, please contact Wave Idea in order to know how to get an up to date firmware version.

Checking built-in ROM version

Press & hold **MIDI Channel Up – MIDI Channel down** buttons



The LCD indicates ROM version as follow

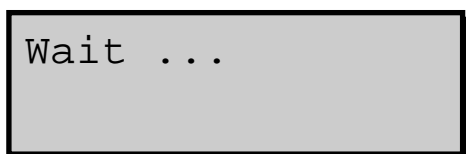


Resetting Bitstream to Default setup

Press & hold **MIDI Channel Up – MIDI Channel down – Button labeled 47/87/127**



This initialization only concerns Bitstream Pro mode 2 : user defined configuration. Bitstream will automatically initialize its configuration to the default built-in setup. This setup is auto-programmed with standard CCs, as mapped into the non-programmable mode 1.



This auto-initialization requires about 10 seconds, once terminated, Bitstream enters in hardware auto-test mode, it can be turned-off since auto-test mode is useful only during the manufacturing phase.

Upgrading Bitstream Pro firmware

Press & hold **MIDI Channel Up – MIDI Channel down – SNAPSHOT** buttons



This procedure is fully explained into the Application note AN001, please refer to this document for additional information.