COMPARISON FCB1010 Firmware versions : Behringer vs UnO

BEHRINGER	UnO
Merging MIDI IN with FCB-generated messages does not work correctly. This causes (for instance) hanging notes when simulatuously playing a keyboard, connected to MIDI IN, and moving the expression pedal(s).	Problem solved
When powering the FCB while an instrument is connected to the MIDI IN port, the FCB display shows a flashing 88, and the unit does not work correctly (in case the connected instrument sends ActiveSense messages, as many keyboards do)	Problem solved
When MIDI merge enabled, all messages are forwarded from MIDI IN to MIDI OUT port	ActiveSense messages are no longer forwarded in order to reduce amount of data traffic
The global setting for enabling/disabling Running Status does not work	Problem solved
Part of the global setup is not sent along with a sysex dump, and therefore can not be edited using an external PC editor.	Problem solved
While pressing a footswitch, expression pedals cannot be used	While pressing a footswitch (for instance used as keyboard damper pedal), expression pedals can still be used
Receiving a sysex dump is done by going into global setup, pressing a footswitch, and then starting the sysex dump from PC.	A sysex dump can be received at all times without any action required on the FCB1010.
"Stomp box behavior" : each patch can have 2 CC messages – if both are on the same MIDI channel (global setup) and have the same CC number, it is possible to send 2 toggling values alternately, instead of sending both messages simultaneously.	Each patch can have 2 independent CC messages (each with its own MIDI channel). For each of these messages, 2 values can be programmed in order to implement toggling behavior – no more need to combine both CC messages for this.
"Stomp box behavior" : when clicking a patch or a stompbox, its corresponding LED is lighting up. Impossible to see the status of the stompbox (on or off) or to see the last selected patch after clicking a stompbox.	"Stomp box behavior": when clicking a stomp-box, its status (on or off) is shown on its LED. Also, the LED of the last selected patch stays on. Apart from stompboxes, "momentary" (non-toggling) effects are introduced, which also leave the last patch LED on when clicked.
Possibility to program 10 banks of 10 presets	Choice between normal mode (10 banks of 10 presets) or "stompbox mode" : 19 banks of 5 presets (on 1 of the 2 footswitch rows) + 5 global stomp boxes (on the other row).
-	Possibility for "momentary effects" to send the programmed CC number and value when depressing the footswitch, and same CC number with value 0 when releasing the footswitch.

Switches can be latched or momentary (= normally-open, i.e. contact closed as long as a footswitch is depressed)	Switches can be latched or momentary. When momentary, one can choose between "normally-open" or "normally-closed" behavior (global setting)
Each patch can be programmed to turn the 2 switches ON or OFF	Apart from forcing a switch ON or OFF, a patch can also be programmed to leave a switch unchanged
Toggling the switches by pressing 1 key is possible only in DirectSelect mode (using UP/DOWN keys)	Toggling the switches is possible using any of the stomp boxes
Each patch can turn the 2 expression pedals off or turn them on with corresponding CC number.	Apart from forcing an expression pedal ON or OFF, a patch can also be programmed to leave the expr.pedal CC unchanged
-	When moving an expression pedal, the CC value sent is shortly shown on the display
-	Possibility to block repeating PC messages
-	Possibility to disable Behringer taptempo message generation
-	Possibility to change the NoteOn velocity as a global parameter

* remark : most of the stompbox related functionality in UnO is not available when "DirectSelect" mode is enabled.