

2BC LIVE CONTROL PRESETS – BY MAGO

This is a set of 2 presets to to have total control of Ableton Live 8 (you need version 8, some features will not work on earlier versions). You can either use 1 BCR and 1 BCF (this is the setup I use), 2 BCRs, or 1 BCR on 2 presets.

The presets use several technologies:

- The newest technology, not implemented in existing presets in this group (a.f.a.i.k.), is emulated “keystrokes” to navigate through Ableton. It is useful for selecting devices to control, navigate and change device presets, navigate through tracks, clips, etc... For it to work you need Bome Midi Translator (you can use the Classic (free) or Pro version, (<http://www.bome.com/midi/translator/>). Bome receives midi messages from the BCR and translates them chains of keystrokes.
- The presets also emulates Mackie Control Universal for Ableton, making use of VPots.
- It also Uses Ableton Live's control surface inputs for BCR to implement the “dPots” (creation of stephan_soundstudies and Kip, see manual below)
- Finally, it also uses Clip Fires, from peter_resolent and Kip.

The file includes:

- sysx Files for BCR and BCF
 - The BCR file has 2 presets: 1: Navigation, and 2: Mixer
 - The BCF file has 1 preset: 1: Mixer
- Neat Template / Overlay for your BCF, both in .ai format (Adobe Illustrator) and JPG
- 2 Bome Midi Translator files: 1 fo2 the Classic version, and 1 for the Pro version
- This manual in PDF format
- This manual in writer Open Office format
- Kips Manual in pdf
- Stephan's manual in pdf

I suggest you read Kip' s manual and see his videos. See <http://shoshin.110mb.com/genmce/bcr2000/Presets/presets.htm>. You can download his manual and preset from: <http://launch.groups.yahoo.com/group/bc2000/files/Presets/Abeton%20Live%20Mackie%20Presets/>

Setup

- See kips manual for setting up Midi-yoke and HuskerVu
- Send the .syx file to your BCR / BCF 2000. It will overwrite whatever you have in preset #1 (#1 & #2 for the BCR)!. I use BC Manager to transfer file. Download BC Manager from: <http://mntn-utils.110mb.com>
- Setup Ableton Live as follows (for 1 BCR and 1BCF):

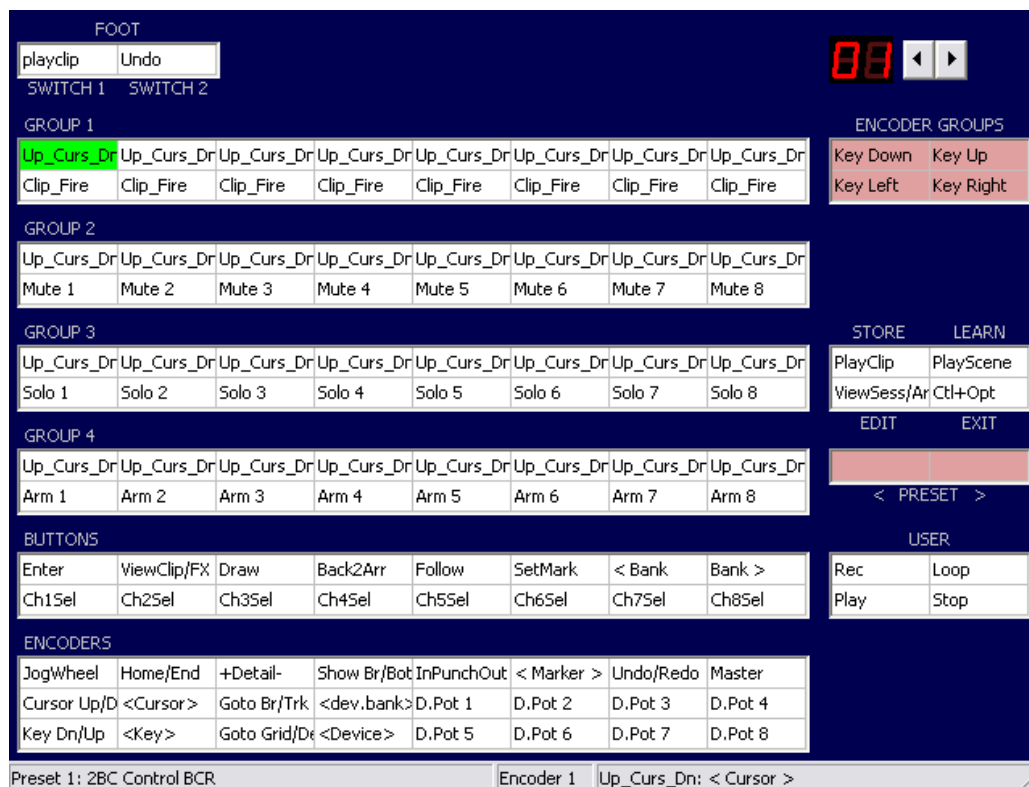
	Control Surface	Input	Output
1	MackieControl	BCF2000[1]	Out To MIDI Yoke
2	MackieControl	BCR2000[1]	BCR2000[1]
3	BCR2000	BCR2000[1]	BCR2000[1]
4	None	None	None
5	None	None	None
6	None	None	None
Takeover Mode		None	

- Open Bome Midi Translator (Classic or Pro)
 - Load the attached file: “ 2BC Live Control Bome Classic.bmtp” or “Pro”
 - Set Midi In to BCR
 - You can leave midi-out in “none”
 - Make the Ableton's Live window active
 - Ready to use!
- Don't get scared, it's really easy, fool around to find how everything works it's safe!

PRESET 1: NAVIGATION

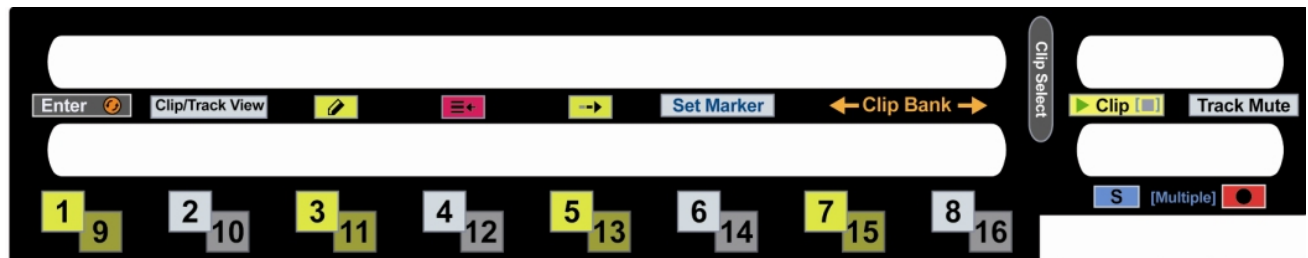
This preset works only in a BCR 2000. It has Navigation control, Device Control (dPots) and Clip Fires





Top Row Encoders

Clip Navigation



Push Buttons

Group 1 (Upper Left): Play clip

Group 2 (Upper Right): Track Mute

Group 3 (Lower Left): Solo – Press button with [Opt/Ctrl] to select Multiple Tracks

Group 4 (Lower Right): Arm – Press button with [Opt/Ctrl] to select Multiple Tracks

Buttons Upper Row

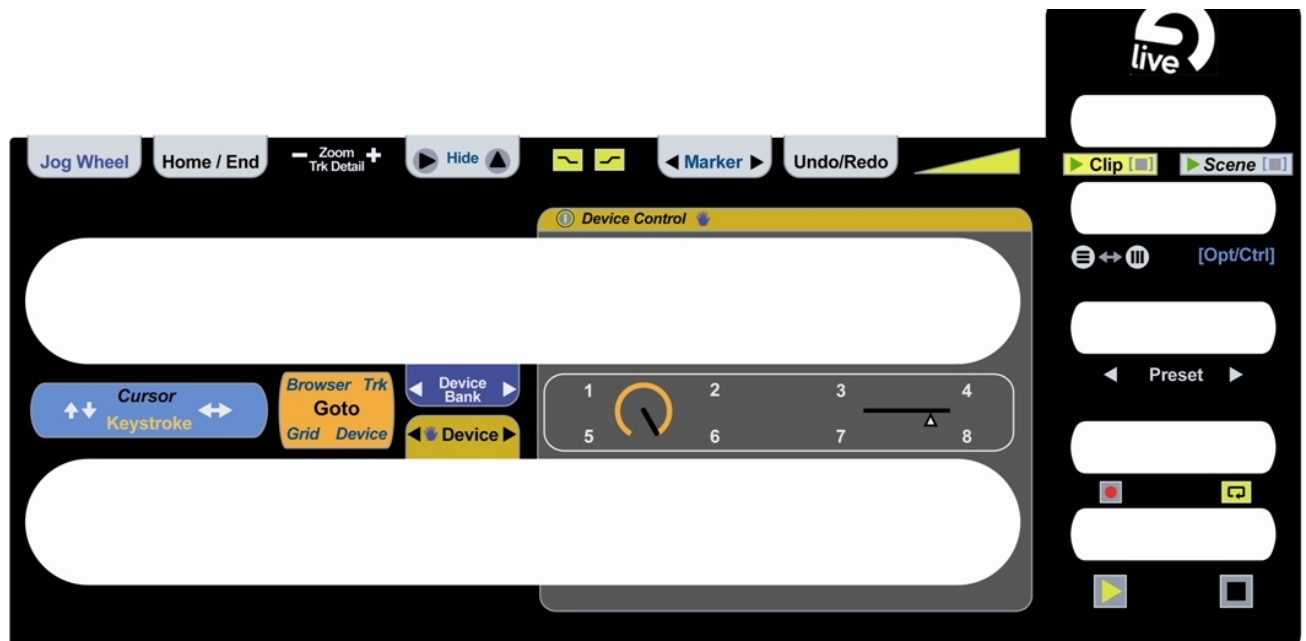
1: Enter Key:

- Multiple functions depending on where the Ableton “Cursor” is. Most useful:
 - When in the browser for presets, selects current preset for selected device.

- When in device, activates “Link mode” to select a preset for the device
 - Uses Bome Midi Translator to create a “Enter” keystroke – Ableton’s window must be active
 - If you have Bome Midi Translator Pro, you can use this button in conjunction with [Opt/Ctrl] to send a “Shift+Enter” keystroke, to preview clips when navigating through the browser
- 2: Clip / Track view in the lower pane
 - 3: Activate / Deactivate Draw Mode
 - 4: Back To Arrangement
 - 5: Follow Song
 - 6: Set Marker
 - 7 & 8: Switch Bank for Clip Navigation

Buttons Lower Row

Select Track



Encoders Upper Row

- 1: Jog Wheel
- 2: Home / End
- 3: Zoom / Track Detail
 - In Arrangement mode, zoom
 - When the Ableton “Cursor” is in a track, show track detail (for group and macro tracks)
 - Uses Bome Midi Translator to create a “+” or “-” keystroke – Ableton’s window must be active
- 4: Rotary Button
 - Left: Hide / Show Browser panel

- Right: Hide / Show bottom panel
- 5: Rotary Button:
- Left: Punch In on/off
 - Right: Punch Out on/off
- 6: Go To Marker: Next / Previous
- 7: "Rotary Button": Undo / Redo
- 8: Master Vol

Encoders Middle Row

- 1: Cursor Up / Down
- 2: Cursor Left / Right
- 3: Rotary Button – Set Cursor:
- Goto Browser – locates cursor in Browser Pane – Works in Arrangement and session Views
 - Goto Track – locates cursor in Track – Works in Arrangement and session Views
 - Uses Bome Midi Translator to create a chain of keystrokes – Ableton's window must be active
- 4: Device Bank Select – Selects Banks 1-8 for the d.pots
- 5-8: Device Pots (d.pots) 1-4

Encoders Bottom Row

- 1: Keystroke Up / Down – Uses Bome Midi Translator
- 2: Keystroke Left / Right - Uses Bome Midi Translator
- 3: Rotary Button:
- Left: Goto Grid – locates cursor in the Grid Pane – Work only in Session View
 - Right: Goto Device – locates cursor in Device / Clip – Works in Arrangement and session Views
 - Uses Bome Midi Translator to create a chain of keystrokes – Ableton's window must be active
- 4: Device Select – Selects device within the chain in the track for the d-pots
- 5-8: Device Pots (d.pots) 5-8

Upper 4 Buttons

- Store:** Play Clip (Press with [Opt/Ctrl] for Stop Clip)
- Learn:** Play Scene (Press with [Opt/Ctrl] for Stop Scene)
- Edit:** Switch Session / Arrangement View
- Exit:** [Otr/Ctrl]Modifier:
- With Solo and Arm for Multiple Select
 - With Play Clip and Scene for Stop Clip and Scene
 - With Enter (and Bome Midi Translator Pro), clip preview (keystroke emulation: Shift + Enter)

Lower 4 Buttons:

Upper row: Rec / Loop

Lower row: Play / Stop

This preset cannot be edited. To edit use BCEdit.

PRESET 2: MIXER

Can be implemented in a BCF, a 2nd BCR, or the same BCR on preset #2.



FOOT

PlayClip Undo

SWITCH CONTROL

GROUP 1

Vpot 1	Vpot 2	Vpot 3	Vpot 4	Vpot 5	Vpot 6	Vpot 7	Vpot 8
Vselect 1	Vselect 2	Vselect 3	Vselect 4	Vselect 5	Vselect 6	Vselect 7	Vselect 8

GROUP 2

Vpot 1	Vpot 2	Vpot 3	Vpot 4	Vpot 5	Vpot 6	Vpot 7	Vpot 8
Ch1Sel	Ch2Sel	Ch3Sel	Ch4Sel	Ch5Sel	Ch6Sel	Ch7Sel	Ch8Sel

GROUP 3

Vpot 1	Vpot 2	Vpot 3	Vpot 4	Vpot 5	Vpot 6	Vpot 7	Vpot 8
Solo 1	Solo 2	Solo 3	Solo 4	Solo 5	Solo 6	Solo 7	Solo 8

GROUP 4

Vpot 1	Vpot 2	Vpot 3	Vpot 4	Vpot 5	Vpot 6	Vpot 7	Vpot 8
Arm 1	Arm 2	Arm 3	Arm 4	Arm 5	Arm 6	Arm 7	Arm 8

BUTTONS

PANS	SENDS	PLUG-INS	RETURNS	< page	page >	< Bank	Bank >
Mute 1	Mute 2	Mute 3	Mute 4	Mute 5	Mute 6	Mute 7	Mute 8

FADERS

Vol 1	Vol 2	Vol 3	Vol 4	Vol 5	Vol 6	Vol 7	Vol 8
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ENCODER GROUPS

SOLO's	ARM's
Ch Select	VSelect

STORE LEARN

< Cursor	Cursor >
View	Ctl+Opt

EDIT EXIT

< PRESET >

USER

Rec	Loop
Play	Stop

Preset 1: 2BC Control BCF Button 53 < Cursor: 1 NOTE 98

FOOT

PlayClip Undo

SWITCH 1 SWITCH 2

GROUP 1

Vpot 1	Vpot 2	Vpot 3	Vpot 4	Vpot 5	Vpot 6	Vpot 7	Vpot 8
Vselect 1	Vselect 2	Vselect 3	Vselect 4	Vselect 5	Vselect 6	Vselect 7	Vselect 8

GROUP 2

Vpot 1	Vpot 2	Vpot 3	Vpot 4	Vpot 5	Vpot 6	Vpot 7	Vpot 8
Ch1Sel	Ch2Sel	Ch3Sel	Ch4Sel	Ch5Sel	Ch6Sel	Ch7Sel	Ch8Sel

GROUP 3

Vpot 1	Vpot 2	Vpot 3	Vpot 4	Vpot 5	Vpot 6	Vpot 7	Vpot 8
Solo 1	Solo 2	Solo 3	Solo 4	Solo 5	Solo 6	Solo 7	Solo 8

GROUP 4

Vpot 1	Vpot 2	Vpot 3	Vpot 4	Vpot 5	Vpot 6	Vpot 7	Vpot 8
Arm 1	Arm 2	Arm 3	Arm 4	Arm 5	Arm 6	Arm 7	Arm 8

BUTTONS

PANS	SENDS	PLUG-INS	RETURNS	< page	page >	< Bank	Bank >
Mute 1	Mute 2	Mute 3	Mute 4	Mute 5	Mute 6	Mute 7	Mute 8

ENCODERS

JogWheel	Home/End	+Detail-	Show Br/Bot	InPunchOut	< Marker >	Undo/Redo	Master
Cursor Up/D	<Cursor>						
Fader 1	Fader 2	Fader 3	Fader 4	Fader 5	Fader 6	Fader 7	Fader 8

ENCODER GROUPS

SOLO's	ARM's
Ch Select	VSelect

STORE LEARN

< Cursor	Cursor >
View	Ctl+Opt

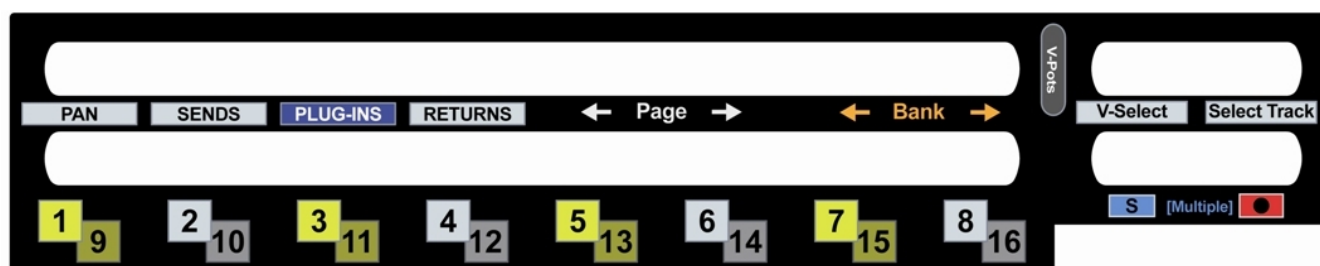
EDIT EXIT

< PRESET >

USER

Rec	Loop
Play	Stop

Preset 2: 2BC Control Mixer BCR Encoder 43



Top Row Encoders

V-Pots

Push Buttons

Group 1 (Upper Left): V-Select

Group 2 (Upper Right): Track Select

Group 3 (Lower Left): Solo – Press button with [Opt/Ctrl] to select Multiple Tracks

Group 4 (Lower Right): Arm – Press button with [Opt/Ctrl] to select Multiple Tracks

Buttons Upper Row:

1: VPots and VSelect for Pan

2: VPots and VSelect for Sends

3: Vpots and VSelect for Plug In Parameters

4: Vpots and VSelect for Returns

5 & 6: V-Pots Page

7 & 8. Switch Bank (e.g. Vpots for channel 1 – 9 – 17 – etc...)

Buttons Lower Row

Mute Track

Faders (BCF) - Encoders Bottom Row (BCR)

Volume

Encoders Upper Row (BCR)

1: Jog Wheel

2: Home / End

3: Zoom / Track Detail

- In Arrangement mode, zoom
- When the Ableton “Cursor” is in a track, show track detail (for group and macro tracks)
- Uses Bome Midi Translator to create a “+” or “-” keystroke – Ableton’s window must be active

4: Rotary Button

- Left: Hide / Show Browser panel
- Right: Hide / Show bottom panel

5: Rotary Button:

- Left: Punch In on/off
 - Right: Punch Out on/off
- 6: Go To Marker: Next / Previous
 7: “Rotary Button”: Undo / Redo
 8: Master Vol

Encoders Middle Row (BCR)

- 1: Cursor Up / Down
 2: Cursor Left / Right
 3-8: Blank

Upper 4 Buttons

Store / Learn: Track Left / Right

Edit: Switch Session / Arrangement Vier

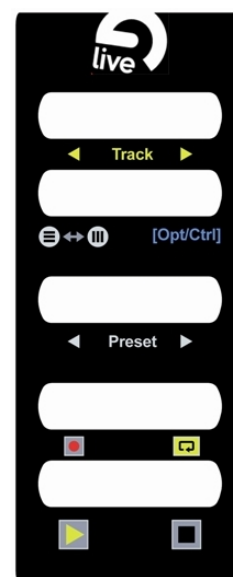
Exit:[Otr/Ctrl]Modifier - With Solo and Arm for Multiple Select

Lower 4 Buttons

Upper row: Rec / Loop

Lower row: Play / Stop















This preset cannot be edited. To edit use BCEdit.



APPENDIX - BOME MIDI TRANSLATOR IMPLEMENTATION DETAILS

All messages sent on CC 117 (75 Hex). Table of CC values sent by the BCR and Translator's “meaning”

Dec Value	Hex	Message Name	Keystroke Emulated
0	0	Down	Down
1	1	Up	Up
2	2	Left	Left
3	3	Right	Right
4	4	Device Left	Alt Down x 3 + Left
5	5	Device Right	Alt Down x 3 + Right
6	6	Goto Browser	Alt Up + Left
7	7	Goto Track	Alt + Up Left Right Up Up
8	8	Goto Grid	Alt + Up Left Right Up Up Down
9	9	Goto Device	Alt Down x 3
10	A	Enter	Enter (or Shift Enter if Opt-Ctrl is pressed)
11	B	Hide Detail	-
12	C	Show Detail	+

File Midi In Midi Out Preset Translator Options Help			
             			
Preset	Name	Incoming Trigger	Outgoing Action
<input checked="" type="checkbox"/> BC...	<input checked="" type="checkbox"/> Down	CC #1: Controller 117, 0	Keystroke: FLECHA ARRIBA
<input type="checkbox"/> BC...	<input checked="" type="checkbox"/> Up	CC #1: Controller 117, 1	Keystroke: FLECHA ABAJO
	<input checked="" type="checkbox"/> Left	CC #1: Controller 117, 2	Keystroke: FLECHA IZQUIERDA
	<input checked="" type="checkbox"/> Right	CC #1: Controller 117, 3	Keystroke: FLECHA DERECHA
	<input checked="" type="checkbox"/> Device Left	CC #1: Controller 117, 4	Keystroke: ALT(FLECHA ABAJO FLECHA ABAJO FLECHA ABAJO)FLECHA IZQUIERDA
	<input checked="" type="checkbox"/> Device Right	CC #1: Controller 117, 5	Keystroke: ALT(FLECHA ABAJO FLECHA ABAJO FLECHA ABAJO)FLECHA DERECHA
	<input checked="" type="checkbox"/> Goto Browser	CC #1: Controller 117, 6	Keystroke: ALT(FLECHA ARRIBA FLECHA ARRIBA FLECHA ARRIBA FLECHA IZQUIERDA)
	<input checked="" type="checkbox"/> Goto Track	CC #1: Controller 117, 7	Keystroke: ALT(FLECHA ARRIBA FLECHA IZQUIERDA FLECHA DERECHA FLECHA ARRIBA FLECHA ARRIB...
	<input checked="" type="checkbox"/> Goto Grid	CC #1: Controller 117, 8	Keystroke: ALT(FLECHA ARRIBA FLECHA IZQUIERDA FLECHA DERECHA FLECHA ARRIBA FLECHA ARRIB...
	<input checked="" type="checkbox"/> Goto Device	CC #1: Controller 117, 9	Keystroke: ALT(FLECHA ABAJO FLECHA ABAJO FLECHA ABAJO)
	<input checked="" type="checkbox"/> Hide Detail	CC #1: Controller 117, 11	Keystroke: TECLA DE SUSTRACCION
	<input checked="" type="checkbox"/> Show Detail	CC #1: Controller 117, 12	Keystroke: TECLA DE ADICION
	<input checked="" type="checkbox"/> Enter	CC #1: Controller 117, 10	Keystroke: ENTRAR