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Emulation modes

Common Description:

In addition to the standard B-CONTROL mode, since v1.06 there are four so-called 'emulation modes' for the BCF2000:

Ø **Mackie® Control** Mapping for Steinberg®* **Cubase® SX** and **Nuendo® [MC C]**

Ø **Logic® Control** Mapping for Emagic® **Logic Audio® [LC]**

Ø **Mackie® Control** Mapping for Cakewalk®* **Sonar® 3 [MCSO]**

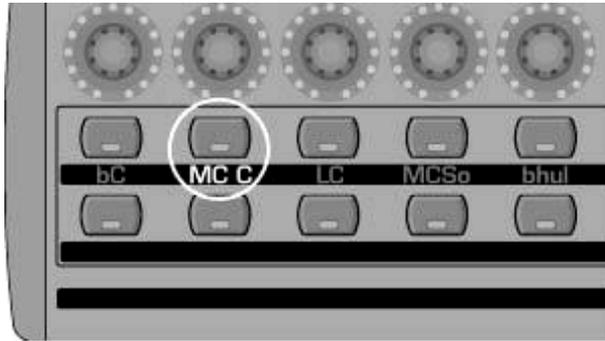
Ø **Mackie® Baby HUI™** Mapping for **various applications [bhul]**, e.g. Digidesign®* Pro Tools®, Steinberg®* Cubase® SX/Nuendo®* (easier setting than Mackie® Control Protocol)

The template sheets (see below) show which parameter of the corresponding protocol is assigned to what element of the BCF2000.

The Baby HUI™ is emulated completely.

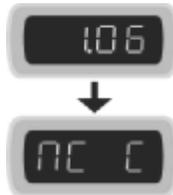
The Mackie® and Logic® Control emulations contain the most common parameters/select options.

Instructions:



[Example Mackie® Control for Cubase* è MC C]

- è **Push & hold** the desired mode button (see example above)
- è **Switch ON** the BCF2000 and wait until the selected mode is indicated in the display



- è **Release** mode button

Remarks:

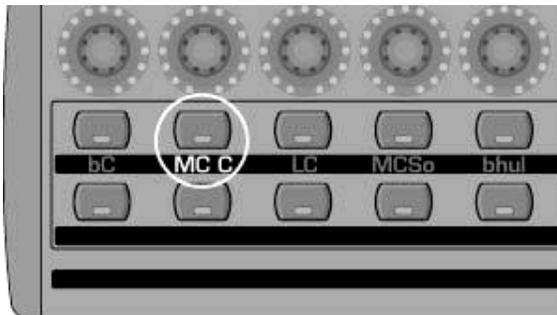
- ∅ After powering off/on next time, the mode last selected will be reactivated
- ∅ For changing modes, you have to switch off the BCF2000 and repeat the above procedure
- ∅ For each of the four emulation modes, **making any control element or parameter changes on the B-CONTROL is not possible: neither preset changes nor GLOBAL EDIT selections!**
The functionality of the preprogrammed control elements refers to the emulated hardware controller.
- ∅ The specifications of the parameters orient themselves on the original adaptations; see emulation templates below for detailed assignments

Ø Detailed descriptions of the *original* protocols and software adaptations of the emulated hardware controllers can be found on the homepages of the corresponding hardware manufacturers (controllers), software manufacturers (adapted music application) or in the help menu of the corresponding music software

Ø How to change **GLOBAL MENU** parameters **before** starting the selected emulation mode:

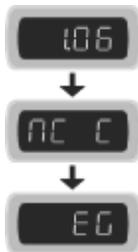
Instructions:

è **Push & hold the desired mode button**



[Example Mackie® Control for Cubase* -> MC C]

è **Switch ON the BCF2000 and wait until “EG” (EDIT GLOBAL MODE) is indicated on the display**



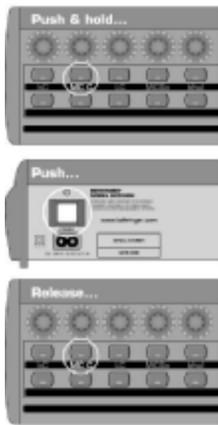
è **Edit the global settings with the push encoders 1 to 8 as the operating mode and device ID**

è **After having completed your selections, press the EXIT button to get into the preselected emulation mode**

* Software depicted is not included. WINDOWS®, MAC®, EMAGIC®, MACKIE®, DIGIDESIGN®, STEINBERG®, CAKEWALK®, HUI™ and their respective logos are registered trademarks of their respective owners. Their use neither constitutes a claim of the trademarks by BEHRINGER® nor affiliation of the trademark owners with BEHRINGER®. © 2005 BEHRINGER Spezielle Studiotechnik GmbH

BCF2000 emulation templates

Emulation Mode Select:



USER_A

Controller

PUSH															
PUSH		PUSH		PUSH		PUSH		PUSH		PUSH		PUSH		PUSH	
F1		F2		F3		F4		F5		F6		F7		F8	
SOLO		SOLO		SOLO		SOLO		SOLO		SOLO		SOLO		SOLO	
MUTE		MUTE		MUTE		MUTE		MUTE		MUTE		MUTE		MUTE	
VIEW 1		VIEW 2		VIEW 3		VIEW 4		VIEW 5		VIEW 6		VIEW 7		VIEW 8	
REOnly		REOnly		REOnly		REOnly		REOnly		REOnly		REOnly		REOnly	
SEL		SEL		SEL		SEL		SEL		SEL		SEL		SEL	

Display:

MC C

Description:

Mackie Control Mapping for CUBASE SX/NUENDO

B-CONTROL

BCP8000

WRITE	VIEW
EQ	INSTR
READ	MIXER
MASTER	SEND/FX
PAN	SEND
UNDO	REDO
CH <	CH >
BANK <	BANK >
LOC L	LOC R
PREV	NEXT
<<	>>
CYCLE	PUNCH
ADD	REC
STOP	PLAY

USB-MIDI-CONTROLLER

Please consider color code!

dark grey = LOWER SHIFT function
 light grey = UPPER SHIFT function
 white = NO SHIFT function

Emulation Mode Select:



USER_A

Controller

PUSH															
PUSH		PUSH		PUSH		PUSH		PUSH		PUSH		PUSH		PUSH	
F1		F2		F3		F4		F5		F6		F7		F8	
SOLO		SOLO		SOLO		SOLO		SOLO		SOLO		SOLO		SOLO	
MUTE		MUTE		MUTE		MUTE		MUTE		MUTE		MUTE		MUTE	
VIEW 1		VIEW 2		VIEW 3		VIEW 4		VIEW 5		VIEW 6		VIEW 7		VIEW 8	
REOnly		REOnly		REOnly		REOnly		REOnly		REOnly		REOnly		REOnly	
SEL		SEL		SEL		SEL		SEL		SEL		SEL		SEL	

Display:

LC

Description:

Logic Control Mapping

B-CONTROL

BCP8000

WRITE	LATCH
TRACK	INSTR
EQ	PLUSIN
READ	TDUCH
PAN	SEND
UNDO	ENTER
CH <	CH >
BANK <	BANK >
CR <	CR >
CYCLE	CLICK
<<	>>
CR DN	CR UP
REPLACE	REC
STOP	PLAY

USB-MIDI-CONTROLLER

Please consider color code!

dark grey = LOWER SHIFT function
 light grey = UPPER SHIFT function
 white = NO SHIFT function

Emulation Mode Select:



USER_A Controller

PUSH	PUSH	PUSH	PUSH	PUSH	PUSH	PUSH	PUSH	ASSIGN
PUSH	PUSH	PUSH	PUSH	PUSH	PUSH	PUSH	PUSH	
F1 SOLO MUTE NEW AM RECrdy SEL	F2 SOLO MUTE NEW MI RECrdy SEL	F3 SOLO MUTE FIT TRK RECrdy SEL	F4 SOLO MUTE FIT PBJ RECrdy SEL	F5 SOLO MUTE OK RECrdy SEL	F6 SOLO MUTE CANCEL RECrdy SEL	F7 SOLO MUTE NEXT W RECrdy SEL	F8 SOLO MUTE CLOSE RECrdy SEL	(GROUP1) shift MAIN shift AUX shift TRACK shift FLP shift EDIT shift M1

Display: MCS0

Description: Mackie Control Mapping for SONAR 3

B-CONTROL FADER BCF6000

SNAP	OFFSET
DYN	PLUGIN
EQ	TRACK
READ/O	DISARM
PAN	SEND
UNDO	REDO
CH <	CH >
BANK <	BANK >
SELECT	MARKER
HOME	JOG P
<<	>>
LOOP	PUNCH
LOOP	REC
STOP	PLAY

USB-MIDI-CONTROLLER

Please consider color code!

dark grey = LOWER SHIFT function
light grey = UPPER SHIFT function
white = NO SHIFT function

Emulation Mode Select:



SEL SEL SEL SEL SEL SEL SEL SEL

RECrdy	ASSIGN BANK #								
RECrdy									
OFF	READ	WRITE	TOUCH	LATCH	TRIM	PASTE	DELETE	MIX	EDIT
SOLO	SEND A	SEND B							
FADER	MUTES	PANS	SENDS	S.MUTE	PLUGIN	CUT	COPY	TRANSP	MEMLOC
MUTE	SEND C	SEND D							

Display: bhul

Description: Mackie Baby HUI Mapping

Info:

- BANK# (display) shows number of leftmost track, only if track names end with 01, 02, ...
- Perfect for PRO TOOLS, good alternative for CUBASE/NUENDO control (less complex than Mackie Control mode)

B-CONTROL FADER BCF6000

ALT V	PERF
PAN	UNDO
shift	Q.PUNCH
shift	REC
CH <	CH >
BANK <	BANK >
IN	OUT
<<	>>
RTZ	RT END
STOP	PLAY

USB-MIDI-CONTROLLER

Please consider color code!

light grey = SHIFT function
white = NO SHIFT function