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### How to update the new firmware v1.07

#### **For Windows® (98SE or higher)**

1. Download the “**Update\_Utility**” file from the B-CONTROL download area of our homepage [www.behringer.com](http://www.behringer.com)
2. Follow the enclosed **read me instructions** for installing and upgrade to the new firmware v1.07

#### **For Mac®\***

1. Connect the B-CONTROL to the computer and open your favorite MIDI dump program
2. Update your unit with the new firmware v1.07

## New features of v1.07

### BCF2000 & BCR2000:

- Various bug fixes
- Works optimally with B-CONTROL EDIT software

### BCF2000 only:

- Remote emulations for
  - Mackie® Control > new functions added
  - Mackie® Baby HUI™ > new functions added

### **Common Description:**

In addition to the standard B-CONTROL mode (the only mode available so far **[bC]**), since v1.06 there are four new so-called 'emulation modes' for the BCF2000:

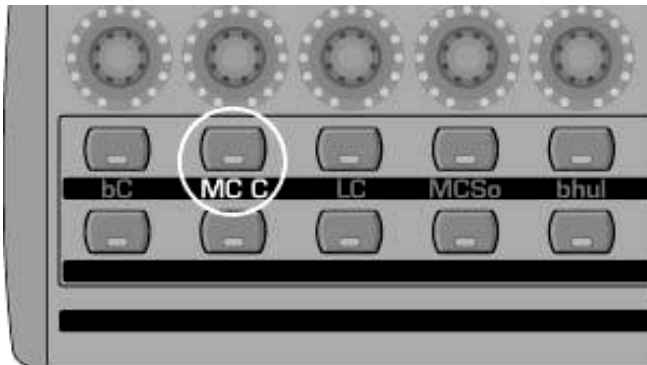
- **Mackie® Control** Mapping for Steinberg® **Cubase\* SX and Nuendo\*** **[MC C]** > *now with additional features (see template!)*
- **Logic\* Control** Mapping for Emagic® **Logic Audio\* [LC]**
- **Mackie® Control** Mapping for Cakewalk® **Sonar\* 3 [MCSO]**
- Mackie® **Baby HUI™** Mapping for **various applications [bhul]**, e.g. Digidesign® Pro Tools\*, Steinberg® Cubase\* SX/Nuendo\* (easier setting than Mackie® Control Protocol)  
> *now with additional features (see template!)*

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.

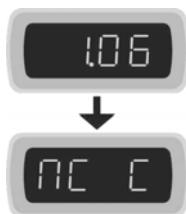
The Mackie® and Logic\* Control emulations contain the most common parameters/select options.

**Instructions:**



[Example Mackie<sup>®</sup>\* Control for Cubase\* → MC C]

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



- ➔ **Release** mode button

**Remarks:**

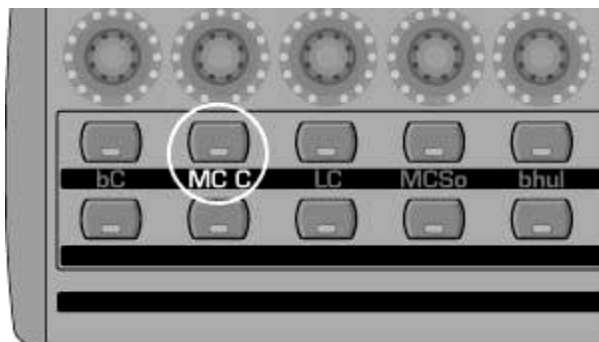
- After powering off/on next time, the mode last selected will be reactivated
- For changing modes, you have to switch off the BCF2000 and repeat the above procedure
- For each of the four emulation modes, **making any control element or parameter changes on the B-CONTROL is not possible: neither preset 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
- 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
- How to change **GLOBAL MENU parameters before** starting the selected emulation mode:

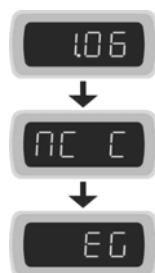
***Instructions:***

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



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

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

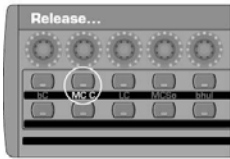
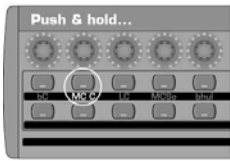


➔ **Edit the global settings with the push encoders 1 to 8 as the operating mode and device ID**

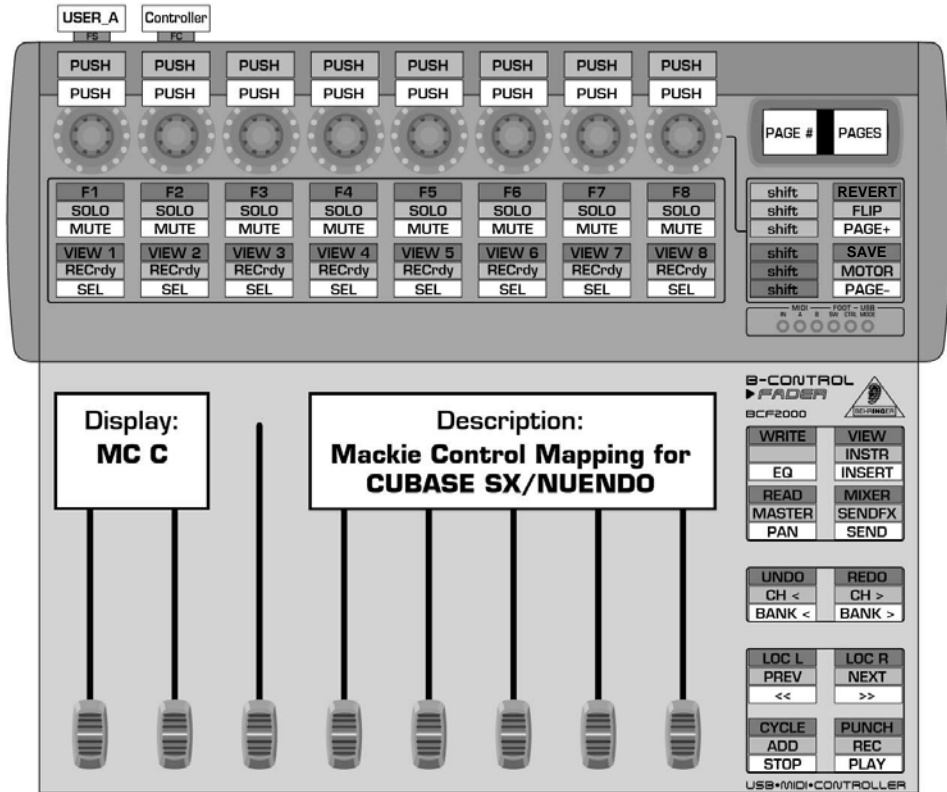
➔ **After having completed your selections, press the EXIT button to get into the preselected emulation mode**

## New BCF2000 emulation templates (v1.07)

Emulation Mode Select:



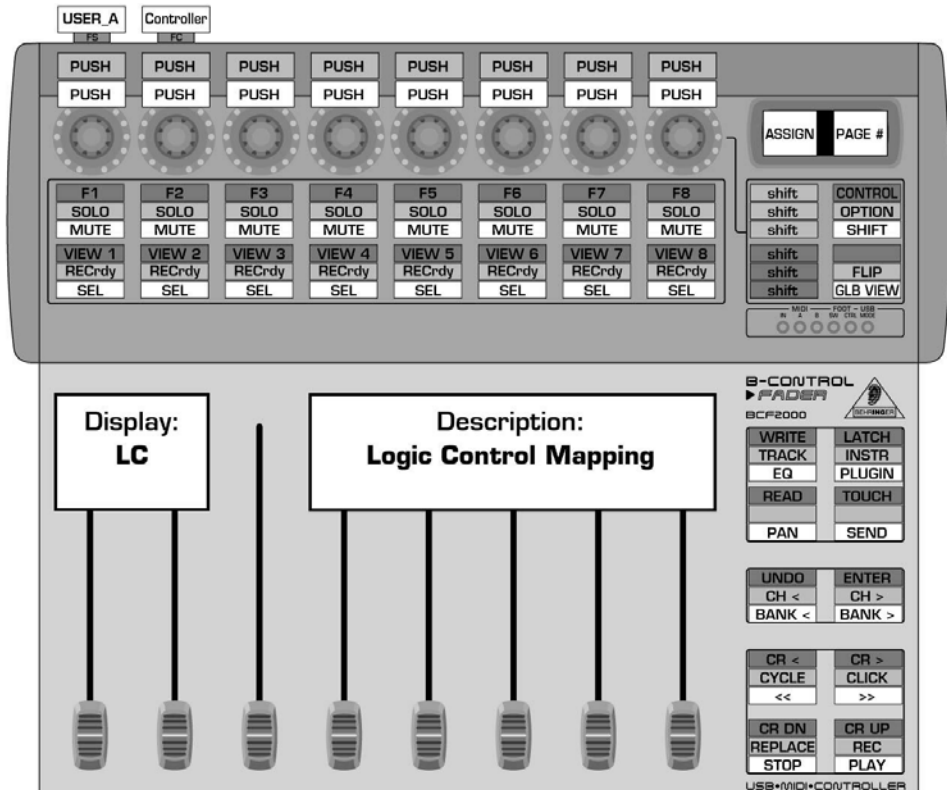
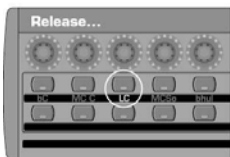
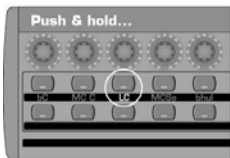
**updated  
in v1.07!**



Please consider color code!

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

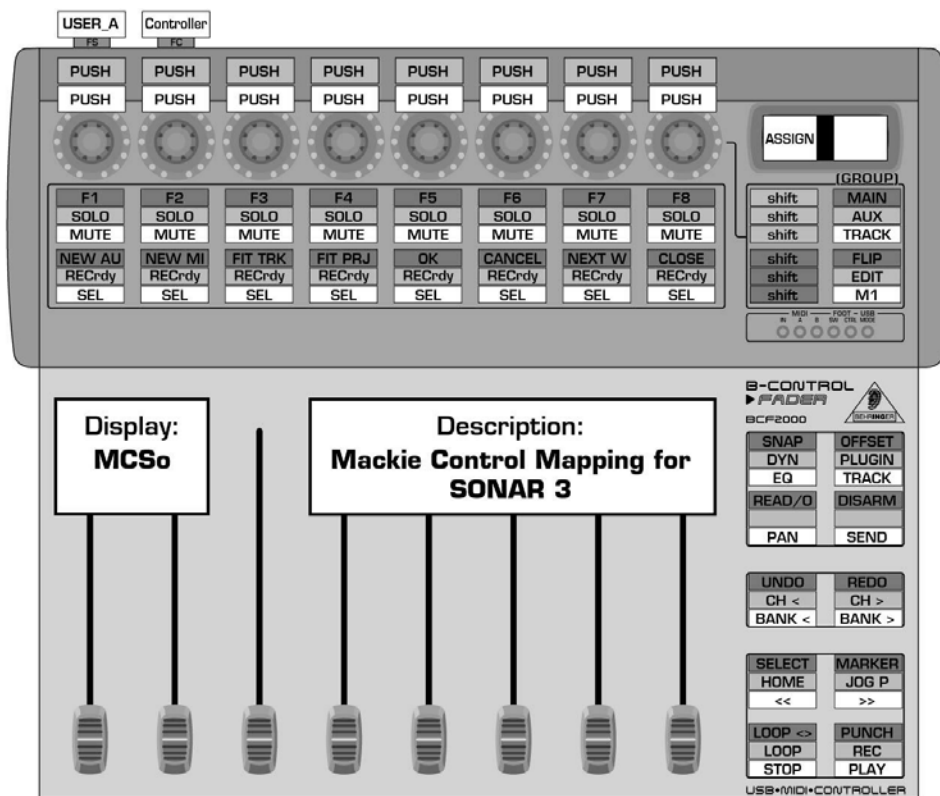
Emulation Mode Select:



Please consider color code!

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

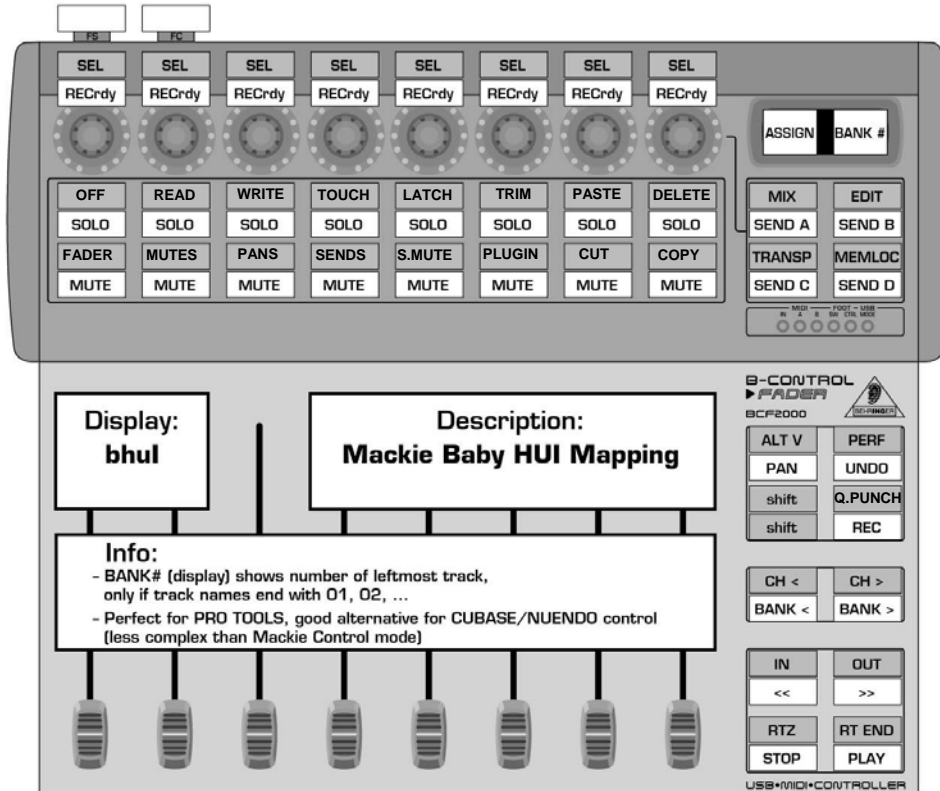
### Emulation Mode Select:



Please consider color code!

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

### Emulation Mode Select:



Please consider color code!

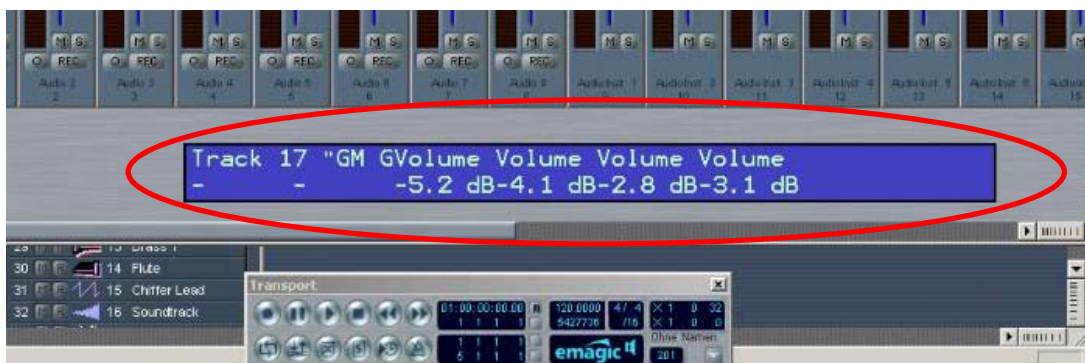
light grey = SHIFT function  
white = NO SHIFT function

**updated  
in v1.07!**

## New BCF2000 'virtual display' (new since v1.06)

### BCF2000 only:

- Separately available free "virtual display" for BCF2000



[Example Logic\* Control for Emagic® Logic\* Audio -> LC]

#### **Description:**

This small Windows® tool (for Windows® 98SE or higher) emulates the hardware display of the Mackie®/Logic\*-Control hardware.

#### **Instructions:**

- ➔ Copy the 'BCFview.exe' file somewhere where you will easily find it (e.g. your desktop)
- ➔ Connect your **BCF2000** to the computer (if not done already)
- ➔ Switch on your BCF2000 while pressing and holding the desired emulation mode button (MC C, LC or MCSO, but not bhul [not available; see below]!)
- ➔ Start the 'BCFview.exe' on your computer by double-clicking on it (before starting the software application)
- ➔ Please right-click on the BCFview to select the BCF2000 input as MIDI receive channel



- ➔ **Then** start your software application (should support Mackie® or Logic\* Control protocol)
- ➔ In your software application select **Mackie®** or **Logic\* Control** as **MIDI remote control**
- ➔ Now, the virtual display shows all actions on your hardware (BCF2000) or software (music application)

**Remarks:**



- Please **right-click** on **BCFview**
  - to **select MIDI receive channel**
  - to select '**Always on top**' (recommended)
  - to select '**Exit**' for closing the application
- This display cannot be modified
- The displayed items correspond to the emulated controller protocol and are dependent on the controlled software
- A display indication in Mackie® Baby HUI™\* mode is not possible

\* 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®.