

B-CONTROL firmware update utility program 'BCUPDATE' for Windows^{®*}

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Why a FIRMWARE UPDATE UTILITY?

The new **'BCUPDATE'** firmware update utility program for Windows® 98SE or higher ...

- is useful for dumping **firmware updates** (no preset dumps!) from your computer to the B-CONTROL hardware
- is more reliable than third-party MIDI dump programs
- is very easy to use
- works under Windows® 98SE or higher via a *separate* MIDI interface
- works with USB connection between B-CONTROL and computer
 - under Windows® XP with the standard MIDI driver
 - under Windows® XP with the *new* BEHRINGER driver **'BCSETUP'** (BC-Driver 1.1.1.0)
 - under Windows® 2000 with the *new* BEHRINGER driver **'BCSETUP'** (BC-Driver 1.1.1.0)

Please note:

*You have to install the new **MIDI driver 'BCSETUP' (BC-Driver 1.1.1.0)** for Windows® 2000 (and Windows® XP if you are already using the latest BEHRINGER driver v1.0.0.2) **before** using the **'BCUPDATE'** firmware utility program!*

UPGRADE PROCEDURE via USB for Windows® XP

Download:

- Download the ZIP folder '**Update_Utility**' from our website
- Save and extract it to a 'known' location

Please note:

*You have to install the new **MIDI driver 'BCSETUP' (BC-Driver 1.1.1.0)** for Windows® XP if you are already using the latest BEHRINGER driver v1.0.0.2 **before** using the '**BCUPDATE**' firmware utility program!*

Using the '**BCUPDATE**' firmware update utility program:

- Copy the '**BCUPDATE**' file to a known location (e.g. your desktop) so you can easily retrieve it
- Double-click on the file to open the BEHRINGER firmware dump utility
- Click 'Open'
- Browse and locate the *firmware* file that you want to dump to your B-CONTROL hardware
- Select the desired file
- A window opens up automatically, letting you select the destination hardware port for dumping
- Make your selection and click 'OK' (or 'Cancel' to abort)
- The dump starts automatically
- Once the dump is finished, you will get a message on the board: 'Update successfully completed!'

- For dumping another file (a firmware update for another B-CONTROL), redo the steps starting with 'Open' (see above)

- To quit, click 'Exit'

Please note:

- *If your hardware was not recognized or if the dump failed, press 'Rescan' and select the desired target hardware again*
- *For best performance, use the U-1 (USB) hardware operating mode*
- *In case of error messages, check for correct USB connection between B-CONTROL and your computer*
- *You can only dump BCR firmware files to a BCR2000, and BCF firmware files to a BCF2000!*

UPGRADE PROCEDURE via USB for Windows® 2000

Download:

- Download the ZIP folder '**Update_Utility**' from our website
- Save and extract it to a 'known' location

Please note:

*You have to install the new **MIDI driver 'BCSETUP' (BC-Driver 1.1.1.0)** for Windows® 2000 **before** using the '**BCUPDATE**' firmware utility program!*

Using the 'BCUPDATE' firmware update utility program:

- Copy the file '**BCUPDATE**' to a known location (e.g. your desktop), so you can easily retrieve it
- Double-click on the file to open the BEHRINGER firmware dump utility
- Click 'Open'
- Browse and locate the *firmware* file that you want to dump to your B-CONTROL hardware
- Select the desired file
- A window opens up automatically, letting you select the destination hardware port for dumping

- Make your selection and click 'OK' (or 'Cancel' to abort)
- The dump starts automatically
- Once the dump is finished, you will get a message on the board: 'Update successfully completed!'
- For dumping another file (a firmware update for another B-CONTROL), redo the steps starting with 'Open' (see above)
- To quit, click 'Exit'

Please note:

- *If your hardware was not recognized or if the dump failed, press 'Rescan' and select the desired target hardware again*
- *For best performance, use the U-1 (USB) hardware operating mode*
- *In case of error messages, check for correct USB connection between B-CONTROL and your computer*
- *You can only dump BCR firmware files to a BCR2000,*
- *and BCF firmware files to a BCF2000!*

UPGRADE PROCEDURE via MIDI for Windows® 98SE or later

Download:

- Download the ZIP folder '**Update_Utility**' from our website
- Save and extract it to a 'known' location

Hardware settings for MIDI (stand alone) use (all OS versions):

1. You need ...

- a standard MIDI interface, connected to your computer (e.g. an external interface via USB or an internal interface on a sound card with MIDI ports)
- a PC with **Windows® 98SE, ME, NT, 2000 or XP** for using the '**BCUPDATE**' utility program

2. For MIDI (stand-alone) use you have to ...

- Connect the B-CONTROL **MIDI OUT A** to your MIDI interface's **MIDI IN**
- Connect the B-CONTROL **MIDI IN** to your MIDI interface's **MIDI OUT**
- Power up your B-CONTROL
- Select the **S-4** operating mode on the B-CONTROL hardware for this application

Using the '**BCUPDATE**' firmware update utility program

(all Windows® OS with separate MIDI interface):

- Copy the '**BCUPDATE**' file to a known location (e.g. your desktop) so you can easily retrieve it
- Double-click on the file to open the BEHRINGER firmware dump utility
- Click 'Open'
- Browse to locate the *firmware* file that you want to dump to your B-CONTROL hardware
- Make your selection
- A window opens up automatically, letting you select the destination hardware port for dumping

- Make your selection and click 'OK' (or 'Cancel' to abort)
- The dump starts automatically
- Once the dump is finished, you will get a message on the board: 'Update successfully completed!'
- For dumping another file (a firmware update for another B-CONTROL), redo the steps starting with 'Open' (see above)
- To quit, click 'Exit'

Please note:

- *If your hardware was not recognized or if the dump failed, press 'Rescan' and select the desired target hardware again*
- *For best performance, use the S-4 MIDI stand alone mode*
- *In case of error messages, check for correct MIDI connection between B-CONTROL and your MIDI interface & for correct connection between your MIDI interface and your computer*
- *You can only dump BCR firmware files to a BCR2000, and BCF firmware files to a BCF2000!*

Can I use the FIRMWARE UPDATE UTILITY on Mac® and Linux® computers?

Concluding remark:

*The 'BCUPDATE' will not work with Mac® and Linux® computers; but its functionality will be integrated in our new '**B-CONTROL EDIT**' software editor/librarian program, which will be soon available on our homepage.*

This software will use JAVA® as running environment and therefore it will work on every computer OS that supports JAVA®, i.e. Windows®, Mac®, Solaris®* and Linux®.*

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