Millennium 2000
M820 ChessGenius Exclusive, CGX. Version: 12 2017; English

# 1   Introduction

We want to improve our ChessGenius Exclusive and make it even better.
Therefore, we are always happy to receive your feedback at

quality@computerchess.com

Currently there are two tools for ChessGenius Exclusive:
- PGN
- CGX

This document is about CGX.

If you install the CGX tool on your PC, you can:
- Update your ChessGenius Exclusive to the latest firmware
- Send user books to your ChessGenius Exclusive

# 2   Install the tool

Please use the following link to download the tool for Windows:

http://download.computerchess.com/Firmware/CGX_Update_Setup_V1_47.zip

Usually the file is saved in "downloads" on your computers. You can also chose a different file folder.

Once you have downloaded the file, click on the file.
If you PC asks you if you want to install the file, confirm it.
Then you can choose if you want create a desktop shortcut during install.

Click „Next".
Click „Install" for install, or „Cancel" to cancel.
Click "Run DriverInstall.bat".
If you want to launch the program after install, click "Launch CGX_Update".
The tool is now being installed.
Click „Finish" to complete install.

Depending on your Windows Version, it may happen that you are asked if you want to install drivers. If so, click yes/ok to confirm.
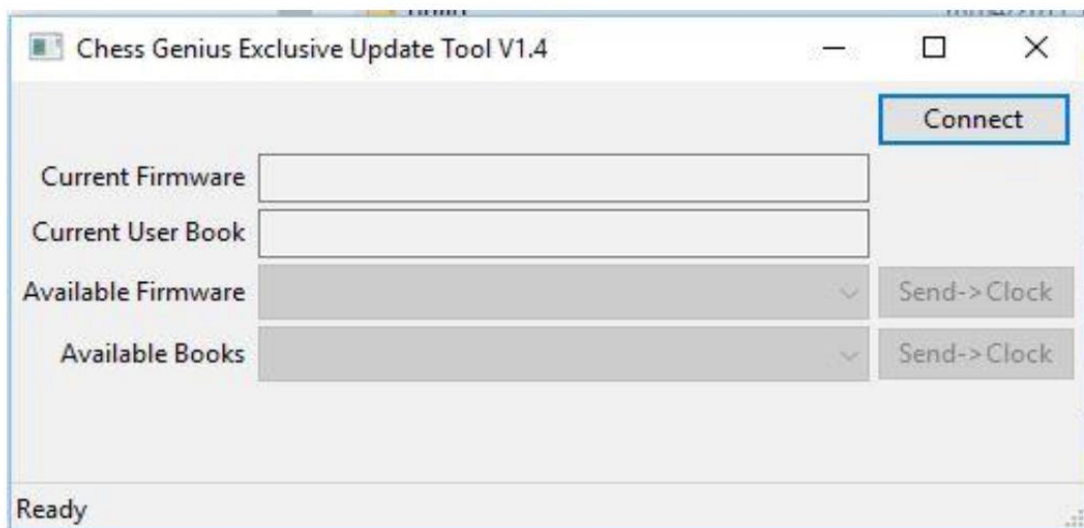
# 3 Use the tool

## 3.1 Connect the cables

The clock must be connected to power, and the clock must be connected to your computer.
Therefore:

- Connect the ChessGenius Exclusive clock with the delivered net adapter to your power supply.
- Connect the ChessGenius Exclusive clock with your computer. Use a USB cable type A–B (not delivered), for example like the cables for printer. Plug the USB cable into the middle base on the back of the clock, and plug it into your computer.

## 3.2 Start the tool

Use the shortcut symbol on your desktop, or select the tool from your list of installed software.

The tool looks like this:

## 3.3  Enable the data transfer (USB mode)

To transfer data between the clock and your computer, you need to switch the clock to USB mode.
- Turn the clock on (if it is off).
- Then turn it of, using the ON/OFF button.

The display now shows USB mode.

## 3.4  Optional (depends on your Windows): update driver

Depending on your Windows version, it might be necessary for the first start of the tool to update the drivers. The tool shows "Clock not found" in the bottom status bar.
To update the driver:
- Select the Windows device manager.
- Choose ChessGenius Exclusive, using right click.
- Depending on your Windows, choose either "update driver", or "properties", and then "update driver".
- Select „Search for drivers on your computer".
- Choose the path where you installed the tool (usually it is C/programs), and then "Drivers".

## 3.5  The functions of the tool

The tool provides the following functions:
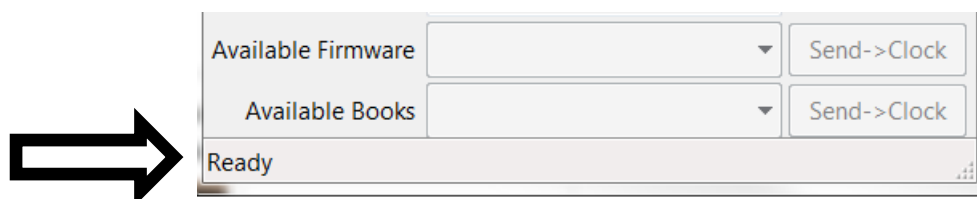- Connect and Release
- Current Firmware
- Current User Book
- Available Firmware, and Send → Clock
- Available Books, and Send → Clock

There is also:
- The status bar on the bottom

The status bar on the bottom (see arrow in the picture below) shows if the tool is ready (Ready), or if it is connected with the clock (Connected), or if it does not recognize the clock (Clock not found).

### 3.5.1   Connect and Release

Click Connect. Note that the clock must be in USB-mode for this.
The CGX-Tool now connects with your clock.

If you want to release the connection, click Release.

### 3.5.2   Current Firmware

This shows the current firmware on your ChessGenius Exclusive.

### 3.5.3   Current User Book

This shows the current user book on your ChessGenius Exclusive.

### 3.5.4   Available Firmware, and Send → Clock

This shows the currently available firmware on the server. Now it is version 20.
Click Send → Clock to load the firmware to your ChessGenius Exclusive.
Please do not interrupt the programming: Do not interrupt power, and do not touch the
buttons on the clock.
Once the firmware is installed, "Programming complete" appears. Then the clock resets, and
starts again. Wait for the beep. Now you can start a new game with NEW.

### 3.5.5   Available Book, and Send → Clock

This shows the currently available books on the server. If there is no book loaded to your
clock, it shows "none".
Use the drop down menu to select a book. Then click Send → Clock to send it to your clock.
Please do not interrupt the programming: Do not interrupt power, and do not touch the
buttons on the clock.
Once the book is installed, "Programming complete" appears. Then the clock resets, and
starts again. Wait for the beep. Now you can start a new game with NEW.
If you want to use the book, go to MENU, use OPTS, then BOOK and USER.


## 3.6   Troubleshooting

If you cannot connect and instead see a message saying "No clock found", then please wait a
moment and try again. This sometimes happens, particularly the first time you try and
connect.

If you see a message saying that the file could not be downloaded or another error relating
to downloading from the server then please check your internet connection.

If you can connect but for some reason cannot send a new version to your chess computer
then try a different USB cable or a different USB port on your computer. Usually the USB
ports on the back of your computer work best.

## 3.7 Appendix: The Gambit-Book

You can either have a random variation, or you can select a certain move for 2-player-mode, to achieve a certain opening.

| No. | Opening Variation | ECO | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Froms Gambit | A02 | f4 e5 | | | | | | | |
| 2 | Englund Gambit | A40 | d4 e5 | | | | | | | |
| 3 | Budapest Gambit | A52 | d4 Nf6 | c4 e5 | de5: | | | | | |
| 4 | Volga Benko Gambit | A57 | d4 Nf6 | c4 c5 | d5 b5 | | | | | |
| 5 | Dutch, Staunton Gambit | A83 | d4 f5 | e4 fe4: | | | | | | |
| 6 | Colorado Gambit | B00 | e4 Nc6 | Nf3 f5 | | | | | | |
| 7 | Scandinavian, Smerdon Gambit | B01 | e4 d5 | ed5: Nf6 | c4 e6 | de6: | | | | |
| 8 | | | | | Bb5 Nbd7 | | | | | |
| 9 | Scandinavian, Wing Gambit | B01 | e4 d5 | ed5: Qd5: | Nc3 Qa5 | b4 | | | | |
| 10 | Sicilian, Wing Gambit | B20 | e4 c5 | b4 | | | | | | |
| 11 | Sicilian, Morra Gambit | B21 | e4 c5 | d4 cd4: | c3 | | | | | |
| 12 | French, Wing Gambit | C00 | e4 e6 | Nf3 d5 | e5 c5 | b4 | | | | |
| 13 | French, Milner-Barry | C02 | e4 e6 | d4 d5 | e5 c5 | c3 Nc6 | Nf3 Qb6 | Bd3 cd4: | cd4: Bd7 | 0-0 |
| 14 | | | | | | | | | | |
| 15 | French, Aljechin Chatard | C14 | e4 e6 | d4 d5 | Nc3 Nf6 | Bg5 Be7 | e5 Nfd7 | h4 | | |
| 16 | French, Winkelmann Reimer | C15 | e4 e6 | d4 d5 | Nc3 Bb4 | a3 Bc3: | bc3: de4: | f3 | | |
| 17 | Danish Gambit | C21 | e4 e5 | d4 ed4: | c3 | | | | | |
| 18 | Kings Gambit | C30-C39 | e4 e5 | f4 | | | | | | |
| 19 | Latvian Gambit | C40 | e4 e5 | Nf3 f5 | | | | | | |
| 20 | Philidor, Shirov Gambit | C41 | e4 e5 | Nf3 d6 | d4 f5 | | | | | |
| 21 | Russian, Cochrane Gambit | C42 | e4 e5 | Nf3 Nf6 | Ne5: d6 | Nf7: Kf7: | | | | |
| 22 | Goering Gambit | C44 | e4 e5 | Nf3 Nc6 | d4 ed4: | c3 | | | | |
| 23 | Halloween Gambit | C47 | e4 e5 | Nf3 Nc6 | Nc3 Nf6 | Ne5: | | | | |
| 24 | Four Knights, Rubinstein | C48 | e4 e5 | Nf3 Nc6 | Nc3 Nf6 | Bb5 Nd4 | | | | |
| 25 | Italian, Estrin | C50 | e4 e5 | Nf3 Nc6 | Bc4 Bc5 | d4 | | | | |
| 26 | Italian, Evans Gambit | C51 | e4 e5 | Nf3 Nc6 | Bc4 Bc5 | b4 | | | | |
| 27 | Scotch Gambit | C56 | e4 e5 | Nf3 Nc6 | d4 ed4: | Bc4 | | | | |
| 28 | | | | | c3 | | | | | |
| 29 | Two Knights, Fritz Variation | C57 | e4 e5 | Nf3 Nc6 | Bc4 Nf6 | Ng5 d5 | ed5: Nd4 | c3 b5 | | |
| 30 | Two Knights, Traxler Variation | C57 | e4 e5 | Nf3 Nc6 | Bc4 Nf6 | Ng5 Bc5 | | | | |
| 31 | Ruy Lopez, Jaenisch Gambit | C63 | e4 e5 | Nf3 Nc6 | Bb5 f5 | | | | | |
| 32 | Ruy Lopez, Marshall Gambit | C89 | e4 e5 | Nf3 Nc6 | Bb5 a6 | Ba4 Nf6 | 0-0 Be7 | Re1 b5 | Bb3 0-0 | c3 d5 |
| 33 | Blackmar-Diemer Gambit | D00 | d4 d5 | e4 de4: | Nc3 Nf6 | f3 | | | | |
| 34 | Queens Gambit, Albin Counter-Gambit | D08 | d4 d5 | c4 e5 | de5: d4 | | | | | |
| 35 | Queens Gambit Slav, Tolusch Geller | D15 | d4 d5 | c4 c6 | Nf3 Nf6 | Nc3 dc4: | e4 b5 | | | |
| 36 | Queens Gambit, Nakamura | D20 | d4 d5 | c4 dc4: | e4 b5 | a4 c6 | ab5: cb5: | Nc3 Ba6 | Nb5: ab5: | Ra8: Bb7 |
| 37 | Queens Gambit, Arbakov | D24 | d4 d5 | c4 dc4: | Nf3 Nf6 | Nc3 a6 | e4 b5 | e5 Nd5 | | |
| 38 | Queens Gambit, Riga Variation | D45 | d4 d5 | c4 c6 | Nf3 Nf6 | Nc3 e6 | e3 Nbd7 | Qc2 Bd6 | g4 | |
| 39 | Queens Gambit, Shabalov | D58 | d4 d5 | c4 e6 | Nc3 Nf6 | Bg5 Be7 | e3 h6 | Bh4 b6 | g4 | |
| 40 | Blumenfeld Gambit | E10 | d4 Nf6 | c4 e6 | Nf3 c5 | d5 b5 | | | | |
| 41 | | | | | | | de6: fe6: | cb5: d5 | | |
| 42 | Queens Indian, Aronian | E15 | d4 Nf6 | c4 e6 | Nf3 b6 | g3 Ba6 | Qc2 Bb7 | Bg2 c5 | d5 ed5: | cd5: Bb7 |
| 43 | Queens Indian, Polugaevsky | E17 | d4 Nf6 | c4 e6 | Nf3 b6 | g3 Bb7 | Bg2 Be7 | 0-0 0-0 | d5 ed5: | Bg2 |