1 First use

1) Connect the device using the power adaptor.
2) Switch on the chess computer by pressing the ON/OFF button.
3) Press UP & DOWN to select your desired system language, and confirm with GREEN. [Note: The current function of the [GREEN] and [RED] buttons is always shown at the bottom of the display.
4) The chess computer is now ready for use. You can now start your first game.

2 Useful accessories

2.1 Battery pack

If you would like to use the chess computer without connecting it to the mains, we recommend the MILLENNIUM ChessVolt power pack, item no M825. This is connected to the computer's power connection, and charged by the chess computer's power adaptor.

2.2 Adaptor for online play (ChessLink)

If you enjoy playing chess online, but prefer the look and feel of a 'proper' chessboard, our MILLENNIUM ChessLink (M822) is just what you need. This enables you to connect using USB and Bluetooth, so that you can use the device with platforms such as for example Lichess.org or Chess.com.

3 Controls and their functions

The chess computer features the following controls:

- **On/Off** button
  - Switch on – short press
  - Switch off – short press → switches to USB mode.
    - You can now use USB to connect the device to a computer (software update, PGN export).
    - Confirm with [GREEN] to switch the device off.
- **Display brightness** button
  - Press multiple times to set the brightness of the display's backlight, or to switch it off.
- **Back** button
  - Retracts moves (including multiple moves).

- Make the moves on the chessboard, pressing the starting square and target square as you do so.
- **Forwards** button
  - Makes moves again (including multiple moves).
  - Enables the computer to begin from starting position, playing with the white pieces.
- **Red** button
  - Function as shown on the display (bottom row, left).
  - Usually cancels what is currently shown on the display.
- **Green** button
  - Function as shown on the display (bottom row, left).
  - Confirms what is currently shown on the display.
- Arrow keys
  - These buttons control the menu system.
  - UP/DOWN to move between the menu items. LEFT/RIGHT to change options (where available).
  - Available options are always indicated by arrows on the bottom row.
- NEW
  - Calls up the menu for starting a new game.
  - UP/DOWN to switch between the classic game and Chess960.
  - LEFT/RIGHT to change the starting position in CHESS960.

4 Playing against the chess computer

Briefly press the ON/OFF switch. All starting position squares, or those of the last finishing position, flash.

4.1 Setting down the pieces

Set up the starting position on the board. When you do so, please note:
- The white pieces are at the front (near the function buttons).
- If the 'invert board' function has been activated, the black pieces are at the front.

Once all the pieces have been set down, the chess computer is ready for play.

4.2 Making moves

To make moves, always first press the starting square, then the target square. Please note:
- When castling, please first move the king, then the rook.

4.2.1 Flashing LEDs
Flashing LEDs indicate when a move on the board is incorrect, for example if the position on the board does not comply with the rules of chess (eg if the king is in check!).

4.3 Functions in the menu

- **Comfort levels:** The chess computer's adaptive play levels. The computer adapts to your playing strength. [Games & Victories] is therefore also ideal for children and beginners [from approx 700 ELO], whereas [Stronger] is also suitable for good club players [≥ 2,000 ELO].
- **ELO levels:** These levels play at defined playing strength levels. They help you better estimate your own playing strength. The ELO levels start at 1,000 ELO and go up to 2,050 ELO.
- **Functions:** The chess computer's special functions
    - o **Menu** switches between the Comfort and Expert menus.
    - o **Language** sets the system language.
    - o **Invert board** positions the black pieces at the front, near the display.
    - o **Teacher** activates a warning in the event of weak moves.
    - o **Timer** (15 mins) starts the 15-minute countdown timer.
    - o **Contrast** sets the display's contrast.
    - o **LED brightness** adjusts the brightness of the board's LEDs.
    - o **Sound** adjusts the loudness of the system sounds, or switches them off.
- **Make move:** Forces the computer to immediately make a move with the colour whose turn it is.
- **Suggestion:** Shows a suggestion from the computer on the board.
- **Both sides:** Activates 2-player mode. The computer acts as the arbiter.
- **Enter position:** Enables you to enter positions, for example chess problems.
- **Position monitoring:** Shows the position that the computer has in its memory. Use UP/DOWN to move between rows 1–4 and 5–8.

- **Save games:** Enables you to save up to 9 games to continue later or export.

4.4 Introduction to the Expert menu

Switch to the chess computer's Expert menu in order to benefit from maximum playing strength and many other options the system provides. The Expert menu offers 12 different options, only some of which are included in the Comfort menu.
- **Playing levels:** The play levels in the Expert menu are fundamentally different to those in the Comfort menu. They offer many of the classic chess computer playing levels, from fun levels right up to mate search levels, with playing strengths of up to 2,500 ELO.
- **Information modes:** You can gain insights into the calculation process, or simply view the chess clocks or lists of moves.
- **Analysis:** The computer's position analysis mode. The RIGHT/LEFT buttons switch between the various display screens.
- **CLink:** Activates the ChessLink mode. Use this mode if you would like to connect the ChessLink module to the chess computer and play online.
- **Functions:** In the Expert menu, the functions menu is also considerably expanded. Over and above the Comfort menu, it for example also enables you to select from multiple opening books, set options for the random factor and processor speed, and choose from different playing styles. For detailed information, please consult the manual for the Expert menu.

5 Detailed guide and FAQs

There are two detailed manuals available for our chess computers with The King software:
1) Detailed instructions for the Comfort menu can be found here: https://computerchess.com/downloads/#M830
2) Detailed instructions for the Expert menu can be found here: https://computerchess.com/downloads/#M830

6 Software upgrade

To receive information about software upgrades, please sign up for our newsletter at www.computerchess.com. Software upgrades require a compatible Windows PC or Mac, our upgrade tool and a USB printer cable, so you can

connect the chess computer to your computer.
Further details can be found on our website.