1 Introduction

We permanently work to improve our MILLENNIUM products and try to make them even better. Therefore, we are always happy to receive your feedback at

quality@computerchess.com

Currently there are two software tools for The King Performance available:
- PGN Tool
- The King Performance Update Tool

This document is only referring to the **The King Performance Update Tool**.

If you install the update tool on your PC or Mac, you can:
- Update The King Performance to the latest firmware
- Load different user books onto The King Performance

2 Installing the Software

Please use the following link to download the **Update Tool for Windows**:

http://download.computerchess.com/Firmware/KP/KP_Update_Setup_PC_V1_53.zip

Usually the file is saved in the "downloads folder" on your computer. You can also choose a different folder, if you wish.

Once you have downloaded the file, click on its symbol.
In case your PC asks if you want to install the file, please confirm it.
Then you can choose if you want create a desktop shortcut during the installation.

Now click "Next".
Click "Install" for installing, or "Cancel" to cancel. Click "Run DriverInstall.bat".
If you want to launch the program after installing, click "Launch KE_Update".
The update tool is now being installed.
Click "Finish" to complete installation.

Depending on your Windows Version, it may happen that you are asked if you want to install a driver. If so, please click yes/ok to confirm.

Please use the following link to download the **Update Tool for Mac**:

http://download.computerchess.com/Firmware/KP/KP_Update_Mac_V1_53.zip

3 Using the Update Tool

3.1 Connecting the Cables

Your King Performance must be connected to the power as well as to your computer. Therefore please proceed as follows:
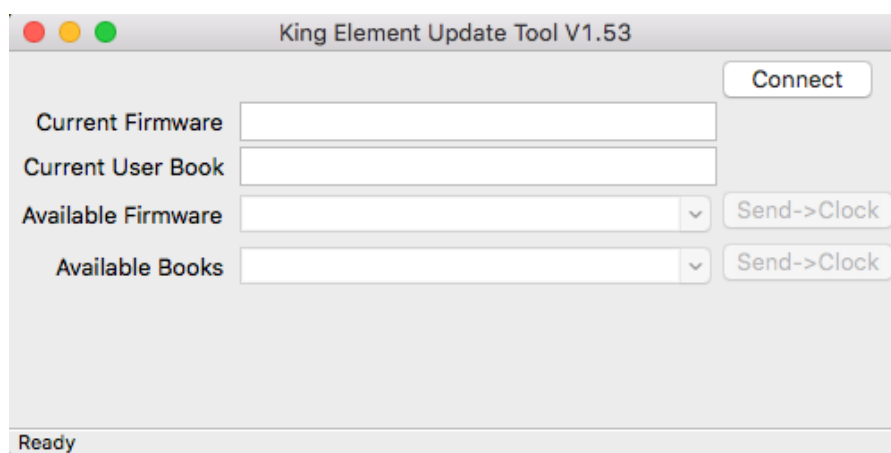
- Connect your King with the AC adapter to your power supply.
- Connect your King with your computer, by using a USB cable type A–B (not included), e.g. a printer cable. Plug the USB cable into the middle socket on the back of the module on one side, and into your computer on the other side.

3.2 Starting the Update Tool

For starting the program please use the shortcut symbol on your desktop, or select the update tool from your list of installed software.

Depending on your Windows version it may be possible that you are prompted to update a driver software, which then needs to be installed first.

The King Performance update tool looks like this on your computer screen:

3.3 Activate the data transfer (USB mode)

To transfer data between the King and your computer, you need to switch it first of all into USB mode.

- Turn the chess computer on
- Then turn it off again, using the ON/OFF button.

Now the display is showing "USB Mode".

3.4 Depending on your Windows version: Optional driver update

Depending on your Windows version, it might be necessary for the first start of the tool to update the drivers. In such case the update tool may show "Clock not found" in the bottom status bar.
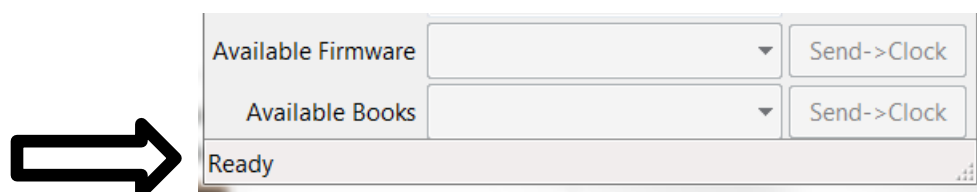To manually update the driver please proceed as follows:

- Select the Windows device manager.
- Choose The King Performance, using right click.
- Depending on your Windows version, choose either "Update driver", or "Properties" and then "Update driver".
- Select "Search for drivers on your computer".
- Choose the path where you installed the update tool (usually "C:\Programs"), and then confirm "Drivers".

3.5 Functions of the Update Tool

The King Update Tool provides the following functions:

- Connect and Release
- Current Firmware
- Current User Book
- Available Firmware and Send → Clock
- Available Books and Send → Clock

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

3.5.1 Connect and Release
Click "Connect". Note that the King must be in USB-mode for that purpose. The Update-Tool is now connecting with your clock module.

If you want to release the connection again, please click "Release".

3.5.2 Current Firmware
This window indicates the currently installed firmware on your King.

3.5.3 Current User Book
This window indicates the currently installed User Book on your King.

3.5.4   Available Firmware

This window shows the latest firmware versions currently available on our server. Right now it is version „TKE140". Click "Send → Clock" to upload the firmware onto your King Performance.

Please do never interrupt the programming process! Do not interrupt the power supply or touch any buttons on the clock module.
Once the firmware is installed, "Programming complete" appears on your computer screen. Then the clock will reset and reboot again.

IMPORTANT: You must absolutely wait until the chess computer has completed its rebooting process and confirmed it with a beep tone. This process can take around 5 minutes, so please be patient!

3.5.5   Available Books

This window shows the currently available user books on our server. In case there is no book uploaded on your King, it shows "None".
Use the dropdown menu to select a user book. Then click "Send → Clock" to upload it onto your clock module.

Please do never interrupt the programming process! Do not interrupt the power supply or touch any buttons on the clock module.
Once the firmware is installed, "Programming complete" appears on your computer screen. Then the clock will reset and reboot again.

IMPORTANT: You must absolutely wait until the chess computer has completed its rebooting process and confirmed it with a beep tone.

For activating the downloaded user book please select "Opts" in the main menu, and then the option "User" under "Book1" or "Book2".

3.6   Troubleshooting

If you fail to establish a data connection and instead notice 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 backside of your computer are working best.

3.7 Appendix: The Gambit-Book

You can either play a random opening variation, or if you prefer you can enter a certain move sequence in 2-player-mode, in order to select your desired opening line.

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	Bb5 Nbd7	Bd7 cd4:			
8										
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, Aljechin Chatard	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 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 ed4:	Nf7:				
21	Russian, Cochrane Gambit	C42	e4 e5	Nf3 Nf6	Ne5: d6	Nf7:				
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					
26	Italian, Evans Gambit	C51	e4 e5	Nf3 Nc6	Bc4 Bc5	b4				
27	Scotch Gambit	C56	e4 e5	Nf3 Nc6	d4 ed4:	Bc4 Bc5	c3			
28										
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	a4	ab5:	Ra8:
36	Queens Gambit, Nakamura	D20	d4 d5	c4 dc4:	e4 Nc6	Nf3 Bg4	Bc4:		Nb5:	ab5:
37	Queens Gambit, Arbakov	D24	d4 d5	c4 dc4:	Nf3 Nf6	Nc3 a6	e4 b5	Bc4:	Ne4:	Bd6
38	Queens Gambit, Riga Variation	D45	d4 d5	c4 e6	Nc3 Nf6	Nf3 c6	e3 Nbd7	Bd3 Nbd7	Bd6	g4
39	Queens Gambit, Shabalov	D58	d4 d5	c4 e6	Nc3 Nf6	Nf3 Be7	Bg5 h6	Bh4 0-0	g4	
40	Blumenfeld Gambit	E10	d4 Nf6	c4 e6	Nf3 c5	d5 b5				
41										
42	Queens Indian, Aronian	E15	d4 Nf6	c4 e6	Nf3 b6	g3 Ba6	Qc2 Bb7	Bg2 cd5:	d5 Bb7	Bg2
43	Queens Indian, Polugaevsky	E17	d4 Nf6	c4 e6	Nf3 b6	g3 Bb7	Bg2 Be7	0-0 0-0	d5	Bb7