



USER MANUAL

v1.2 (ENGLISH)

iChessOne

info@ichess.one

The mission of iChessOne is to promote chess as a sport for everyone and to encourage logical, creative and unconventional thinking.

I. PRODUCT OVERVIEW

I.1. INTRODUCTION

Immerse yourself in the rich heritage of chess with the iChessOne board, a harmonious blend of traditional aesthetics and cutting-edge technology. Meticulously crafted in the timeless Staunton style, the pieces rest on a board that exudes warmth and authenticity while incorporating state-of-the-art electronic features. Whether playing in the comfort of your living room or connecting with an opponent from a distant land, iChessOne promises an unparalleled chess experience. With its groundbreaking folding design and sophisticated wireless data transmission system, it has never been easier to take this unique chess board on the road. More than just a board, iChessOne is a comprehensive chess system, perfect for both casual play and rigorous analysis. From offline play and game saving features to challenging the built-in AI or the vast world of online chess, every detail is designed with the chess enthusiast in mind. Expertly handcrafted in Europe and enriched by the insights of a global community, iChessOne beautifully blends tradition and innovation. As the boundaries between classic and contemporary chess are redefined, experience the unfolding future of chess with iChessOne.

I.2. TECHNICAL SPECIFICATIONS

- **SMART Board:** Tournament size board measures 470x470mm (18.5"x18.5") when unfolded, and 470x235mm (18.5"x9.25") when folded. Made of natural wood.
- **Power Source:** Built-in 2000mAh battery, rechargeable via USB-C port.
- **Chess Pieces:** Crafted from selected natural woods, with precision weights and advanced sensors to ensure satisfying and seamless gameplay.
- **Weight:** The SMART Board alone weighs 1.45kg (2.87lb); the full set weighs 2.5kg (4.85lb), including all 34 pieces, an elegant wooden phone stand, a pen, and a USB-C cable.

I.3. CHESS PIECE RECOGNITION

The iChessOne features an ultra-efficient hybrid piece recognition system. Using advanced algorithms and precision sensors, players can seamlessly switch to blitz or even bullet mode, experiencing the natural flow of movement as with non-electronic boards, while the system captures every move with impeccable speed and accuracy.

Note: Due to the built-in RFID technology, avoid placing metallic or magnetic items near the board during play to ensure optimal piece recognition.

2. BUTTON & LED STATUS EXPLANATION

2.1. ICHESSONE BOARD OFF

- **Short press - checks battery level**
 - ◼ Flashing green: battery level >85%
 - ◼ Solid green: battery level >60%
 - ◼ Solid orange: battery level >35%
 - ◼ Solid red: battery level >20%
 - ◼ Flashing red: battery level <20%
- **Long press - turns the chessboard on**
 - ◼ Solid white: indicates that the board is on.

2.2. ICHESSONE BOARD ON

- **Short press - checks the battery level. LED behavior is the same as when the board is off**
- **Short press (additional function) - activates Bluetooth mode (for 15 seconds):**
 - ◼ Flashing blue: chessboard is ready to connect via Bluetooth
 - ◼ Solid blue: chessboard is connected to a device via Bluetooth
- **Long press - turns the chessboard off**
 - ◼ Red blink and fading out: indicates that the board is turning off.

2.3. SPECIAL INDICATIONS

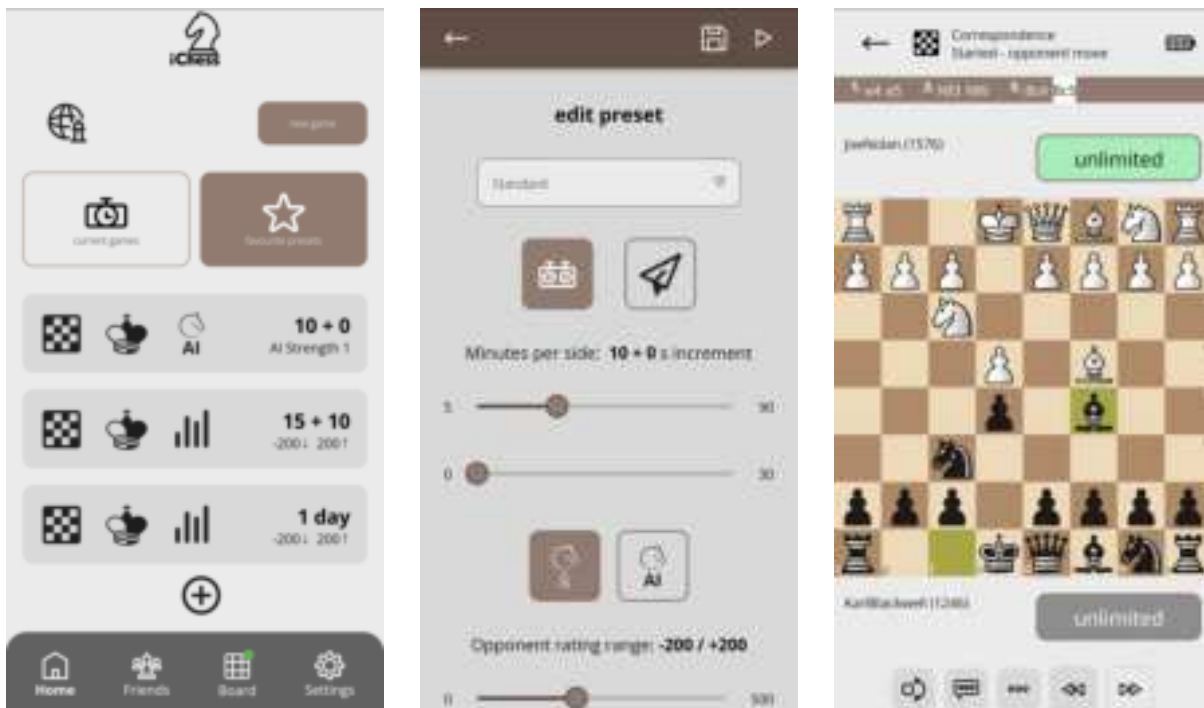
- **Firmware update**
 - ◼ Red blinking after switching off the chessboard.

3. PLAY ONLINE ON MAJOR CHESS PLATFORMS

The iChessOne board offers a unique combination of the traditional chess experience with modern online play features. It supports leading online chess platforms such as Lichess and Chess.com, providing a natural and engaging chess experience on a physical board.

To start playing online, access the "Play Online" feature in the iChessOne app. For Lichess users, a simple authorization within the app connects the account, allowing quick and direct access to online matches.

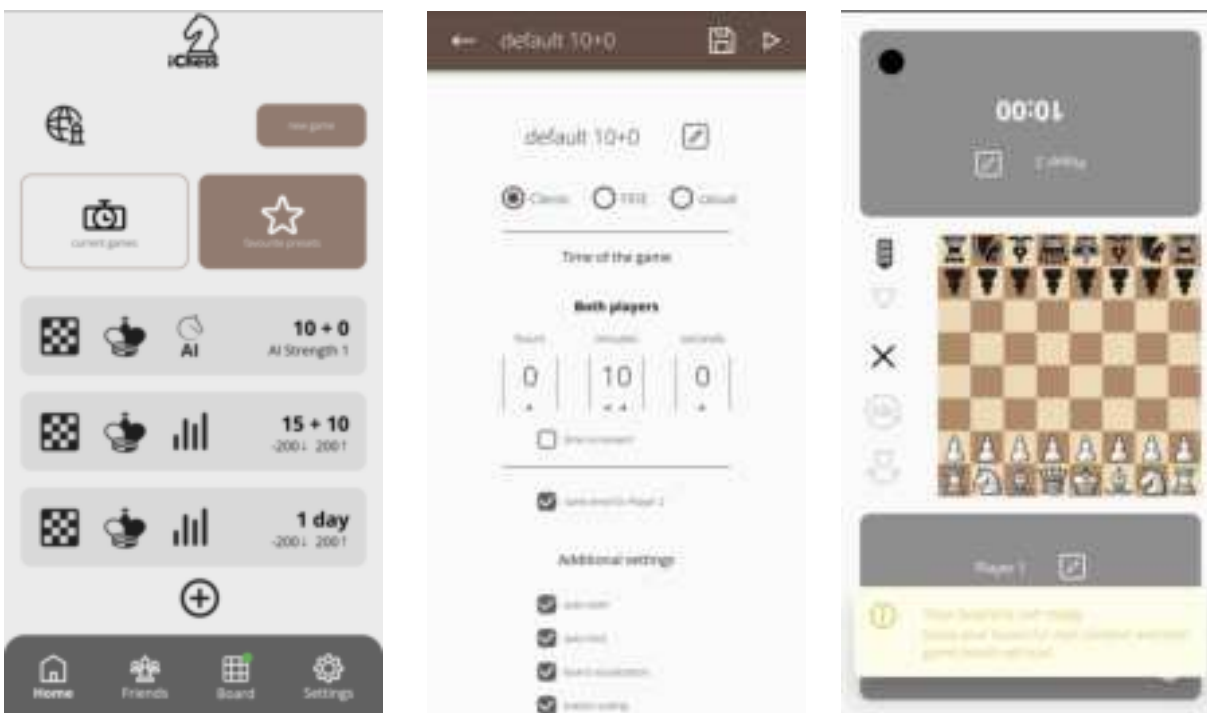
In addition to human opponents, the iChessOne supports play against chess engines of varying levels of difficulty. This option is suitable for all skill levels and offers a wide range of challenges. It supports both correspondence and real-time play. Correspondence play allows moves to be made over extended periods of time, making it ideal for players who prefer a slower pace or are playing with friends or family in different time zones. Real-time play offers a faster-paced, competitive experience for immediate engagement.



4. PLAY OFFLINE AND ANALYZE THE GAMES

When using the iChessOne board for offline games (player vs. player on a board), the log can be saved and a Portable Game Notification (PGN) file can be generated for further analysis, eliminating the need to manually record moves on paper. The app allows you to select the type of clock, offering classic and tournament styles, as well as casual games with no time limit. The auto-start feature automatically starts the clock when you start the game. With Auto-Click enabled, moves detected by the sensors are automatically confirmed. If this option is disabled, the board waits for the player to press a button on the mobile device screen, similar to pressing a clock in a chess tournament. The app view can be customized by adding a board visualization, scaling size of the move acceptance buttons, displaying a time bar, displaying tenths of seconds near the end of the game, and changing the color of the move acceptance buttons in the final period. The game can be paused at any time and resumed later. All finished games are automatically saved in the "Recent Games" section for later analysis.

The exceptional piece detection system, created by combination of ultra-fast magnetic sensors and RFID, allows games to be played in less than 1 minute per player, satisfying all blitz and bullet enthusiasts.



5. TERMS AND CONDITIONS

5.1. STANDARD ONE-YEAR MANUFACTURER WARRANTY

iChess provides a one-year warranty to the original purchaser of its products. This warranty covers defects in materials and workmanship under normal use and conditions, excluding software and consumables such as batteries.

iChess warrants that its products are free from defects. If a defect is discovered within the warranty period, customers should contact iChessOne Customer Support (info@ichess.one) with proof of purchase and a detailed description of the problem. The iChessOne team will assist in resolving the problem promptly.

Note: This warranty does not cover damage caused by misuse, abuse, accident, or unauthorized modifications. Software-related issues are handled separately under our software support policies, and consumables are covered under a limited warranty.

5.2. DISCLAIMER

iChess has made every effort to ensure that the information in this manual is accurate and complete. However, iChess assumes no responsibility for any errors, omissions, or inaccuracies that may be contained in this document. The company reserves the right to make changes in the hardware and software specifications described in this guide at any time without notice.

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iChess shall not be liable for any damages or losses resulting from the use of the iChessOne board or the information contained in this manual. Users are encouraged to visit the official product website www.ichess.one for the latest updates and product information.

6. FCC INFORMATION

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction