

## umissfun L6

# umissfun Electronic Chess Set L6 Instruction Manual

Model: L6

## 1. INTRODUCTION

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This manual provides detailed instructions for the setup, operation, and maintenance of your umissfun Electronic Chess Set, Model L6. Please read this manual thoroughly before using the product to ensure proper function and to maximize your playing experience. This electronic chess set is designed to enhance logical thinking, decision-making, and problem-solving skills for players of all ages.



Image 1: umissfun L6 Electronic Chess Set and packaging.

## 2. PRODUCT OVERVIEW

### 2.1 Key Features

- **Three Playing Modes:** Training, Match, and Human, allowing play against the computer or another person.
- **Advanced AI:** Built-in AI with 22 level settings, offering a challenging opponent with a playing strength of over 2300 ELO.
- **LED Indicators:** 9 types of LED indicators, including 6 for piece color and 3 for move hazard warnings, aiding beginners.
- **Puzzle Exercises:** Includes 1000 puzzle exercises to improve strategic thinking.
- **HD E-ink Screen:** Designed to reduce eye strain and protect vision.
- **Additional Functions:** Replay, chess setup, and stalemate setup capabilities.
- **Built-in Battery:** For portable use.

### 2.2 Components

The umissfun L6 Electronic Chess Set includes the main chess board unit, a full set of chess pieces, and a Type-C charging cable. The board features physical buttons, an E-paper display, and a chess storage box.



Image 2: Functional overview of the umissfun L6 Electronic Chess Set.

## 3. SETUP

### 3.1 Initial Charging

1. Locate the Type-C charging port on the side of the chess board.
2. Connect the provided Type-C cable to the port and a suitable USB power adapter (not included).
3. The charging indicator LED will illuminate during charging. Allow the device to fully charge before first use.

### 3.2 Placing Chess Pieces

Carefully place all chess pieces onto their starting positions on the board. Ensure each piece is correctly identified and placed on its corresponding square. The board is sensory, so correct placement is important for accurate game detection.

### 3.3 Powering On/Off

Press and hold the Power button (usually marked with a power symbol or 'On/Off') to turn the device on or off. The E-paper display will activate upon power-on.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Navigating the Menu

Use the 'Up', 'Down', and 'OK/Menu' buttons to navigate through the device's menu options displayed on the E-paper screen. The 'Back/Take back' button allows you to return to the previous screen or undo a move.

### 4.2 Playing Modes

The L6 offers three primary playing modes:

- **Training Mode:** Play against the computer with various difficulty settings. This mode is ideal for learning and improving your skills.
- **Match Mode:** Engage in a competitive game against the computer. The AI adjusts to your playing style for a balanced challenge.
- **Human Mode:** Play against another human opponent using the electronic board for move tracking and optional hints.

### 4.3 AI Levels and Difficulty

The chess computer features 22 distinct difficulty levels, ranging from beginner to advanced proficiency. These levels are designed to provide a suitable challenge for most chess players, with the highest levels corresponding to a Grandmaster ELO strength of over 2300. The level setting applies to both Training and Match modes. Adjust the AI level through the main menu settings.

## HD E-ink Screen

Reducing eyes strain,  
preventing myopia &  
protecting eyes.



Image 3: The L6 system helps improve playing levels with various exercises.

### 4.4 LED Indicators

The board incorporates 9 LED indicators:

- **6 Piece Color Indicators:** These LEDs illuminate to indicate the color of the chess pieces involved in a move or suggestion.
- **3 Move Hazard Indicators:** These LEDs provide visual warnings for potentially dangerous, good, or secure moves, assisting beginners in understanding game dynamics.

### 4.5 Puzzle Exercises

The L6 includes 1000 pre-programmed puzzle exercises. To access these, select 'Puzzle' from the main menu and press the 'OK' button. The E-paper display will guide you through the exercises, which are designed to develop tactical and strategic skills.

### 4.6 Replay Function

After a game, you can review each chess step and the corresponding score record using the replay function. This feature is valuable for analyzing past games and identifying areas for improvement.

# Review Electronic Chess the Game



Image 4: Game review screen showing chess moves and scores.

## 4.7 Chess Setup and Stalemate Setup

The device allows you to set up custom chess positions. This function is useful for analyzing specific scenarios, playing out interesting positions, or solving chess puzzles from a particular starting point. Additionally, a stalemate setup feature is available for practicing or understanding stalemate conditions.

## Set up a Position What You Want

You can start from a game position/set pieces.  
This can be used to analyze or play out an interesting  
position or to solve a chess puzzle.



Image 5: Custom position setup feature.

### 4.8 HD E-ink Screen Benefits

The integrated HD E-ink screen is designed to provide a clear display while minimizing eye strain. This technology helps prevent myopia and protects your eyes during extended play sessions.



Image 6: HD E-ink screen for reduced eye strain.

## 5. MAINTENANCE

### 5.1 Cleaning

To clean the chess board and pieces, use a soft, dry, lint-free cloth. For stubborn marks, a slightly damp cloth can be used, followed immediately by a dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the surface and electronic components.

### 5.2 Storage

When not in use, store the chess set in a cool, dry place away from direct sunlight and extreme temperatures. Utilize the integrated chess storage box to keep the pieces organized and protected.

### 5.3 Battery Care

The device contains a built-in Lithium Ion battery. For optimal battery life, avoid fully discharging the battery frequently. If storing for an extended period, charge the device to approximately 50% before storage and recharge every few months.

## 6. TROUBLESHOOTING

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### 6.1 Device Does Not Power On

- Ensure the device is fully charged. Connect it to a power source using the Type-C cable and allow it to charge for at least 30 minutes.
- Press and hold the Power button for a few seconds to ensure it registers.

### 6.2 Unresponsive Buttons or Display

- Try restarting the device by powering it off and then on again.
- Ensure the battery is not critically low.

### 6.3 Incorrect Move Detection

- Ensure chess pieces are placed accurately and centered on their squares.
- Verify that no foreign objects are on the board interfering with the sensors.
- If a piece has a loose magnet, it may affect detection. Ensure all pieces are intact.

### 6.4 Difficulty Understanding Instructions/Prompts

- Refer to this instruction manual for clarification on game modes, features, and button functions.
- Practice with the device's various modes to become familiar with its interface and responses.

## 7. SPECIFICATIONS

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Feature	Detail
Model Number	L6
Product Dimensions	3.1 x 5.1 x 0.1 inches
Item Weight	3.96 pounds
Manufacturer	umissfun
Recommended Age	6 years and up
Batteries	1 Lithium Ion battery (included)
AI Levels	22
Puzzle Exercises	1000

## 8. WARRANTY AND SUPPORT

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For warranty information or technical support regarding your umissfun Electronic Chess Set L6, please refer to the product packaging or contact the manufacturer directly through their official website or customer service channels. Keep your purchase receipt as proof of purchase for any warranty claims.

