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> X55 Handheld Game Console User Manual

## Petforu X55

# X55 Handheld Game Console User Manual

Model: X55 | Brand: Petforu

## INTRODUCTION

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The X55 Handheld Game Console is a portable gaming device designed for an immersive gaming experience. Featuring a 5.5-inch IPS RGB screen, a powerful RK3566 quad-core processor, and extensive emulator support, it allows users to enjoy a vast library of classic and modern games. This manual provides essential information for setting up, operating, and maintaining your X55 console.

## WHAT'S IN THE BOX

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- X55 Handheld Game Console
- Type-C Charging Cable
- User Manual (this document)



Image: The X55 Handheld Game Console shown alongside its retail packaging.

## PRODUCT OVERVIEW AND KEY INTERFACES

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Familiarize yourself with the various buttons, ports, and features of your X55 Handheld Game Console.



Image: A detailed diagram illustrating the layout of the X55 console's buttons, joysticks, ports (charging, HDMI, headphone), and dual TF card slots.

1. **Rocker (Left):** Analog joystick for precise movement in games.
2. **Direction Keys (D-Pad):** Digital directional input for navigation and game control.
3. **Select / Vol-:** Select button for menu functions; also decreases volume.
4. **Vol+ / Start:** Increases volume; also acts as the Start button for games.
5. **Action Keys (A, B, X, Y):** Primary action buttons for gameplay.
6. **Rocker (Right):** Second analog joystick, often used for camera control or additional actions.
7. **Power Button:** Turns the console on/off or puts it to sleep.
8. **Charging Port (Type-C):** For connecting the Type-C charging cable.
9. **HD (HDMI) Port:** Micro HDMI output for connecting to external displays.
10. **Headphone Jack (3.5mm):** For connecting standard stereo headsets.
11. **Reset Button:** Small button for system reset (requires a pin).

12. **Handle Interface:** (Likely refers to shoulder buttons L1, L2, R1, R2)

13. **Card Slot 1 & 2 (TF Card):** Slots for expanding memory with TF cards, supporting up to 256GB.



Image: Top view of the console highlighting the power button, charging port, HDMI port, headphone jack, and shoulder buttons (L1, L2, R1, R2).

## SPECIFICATIONS

Feature	Detail
System	Linux System
CPU	Rock-chips RK3566, Quad-core ARM Cortex-A55, 1.8GHZ
GPU	ARM Mali-G52
RAM	LPDDR4X, 2GB
Display	5.5-inch IPS RGB Screen, Resolution: 720x1280

Memory	16GB (internal) + 64GB/128GB/256GB (TF card options)
TF Card Support	Dual TF card slots, expandable up to 256GB
Battery	4000 mAh Li-battery, up to 4 hours gameplay
Charging Time	Approximately 2 hours
Interface	Type-C (fast charging), TV HDMI display, OTG-USB, 3.5MM headset port
Emulators Supported	30+ mainstream 64-bit 3D emulators
Languages	Chinese, Korean, Japanese, Spanish, English
Dimensions	8.37 x 3.72 x 0.75 inches
Weight	1.17 pounds

# UPGRADE DUAL CARD SLOT

Capacity upgrade, supporting TF card expansion, up to 256GB



Image: The console highlighting its dual TF card slots for memory expansion up to 256GB.

## SETUP

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1. **Initial Charge:** Before first use, fully charge the console using the provided Type-C charging cable and a compatible USB power adapter (not included). The charging indicator light will typically change color or turn off when fully charged.
2. **Power On:** Press and hold the Power Button located on the top edge of the console until the screen illuminates.
3. **Language Selection:** Upon first boot, you may be prompted to select your preferred language. Use the Direction Keys and Action Keys to navigate and confirm your selection.
4. **TF Card Insertion (Optional):** If you wish to expand storage or add more games, carefully insert a TF (microSD) card into one of the designated card slots on the bottom of the console until it clicks into place. Ensure the card is formatted correctly if adding new game files.

## OPERATING INSTRUCTIONS

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### Basic Navigation

- Use the **Direction Keys** or **Analog Rockers** to navigate through menus and game lists.
- Press the **A button** (or equivalent action button) to confirm selections.
- Press the **B button** (or equivalent action button) to go back or cancel.
- Adjust volume using the **Vol+** and **Vol-** buttons.

### Playing Games

1. **Accessing Games:** From the main menu, navigate to the "Games" or "Emulators" section. Select the desired emulator or game category.
2. **Selecting a Game:** Browse the list of available games. Press the A button to launch a game.
3. **In-Game Controls:** Use the Direction Keys, Analog Rockers, and Action Keys for gameplay. Refer to the specific game's controls for optimal play.
4. **Saving/Loading Progress:** The console supports saving and loading game progress. Specific methods may vary by emulator, but typically involve accessing an in-game menu or a system-level quick save/load function (often mapped to a combination of buttons like Function + R1/L1).
5. **Exiting a Game:** To exit a game and return to the main menu, typically press a combination of buttons (e.g., Function + Start or a dedicated menu button).

### Advanced Features

- **HDMI Output:** Connect a Micro HDMI to HDMI cable (not included) from the console's HD port to a TV, monitor, or projector for a larger display. The console supports TV HDMI display.
- **Wi-Fi Connectivity:** The console supports Wi-Fi. Access the system settings to connect to a wireless network for updates or online features (if supported by specific emulators/games).
- **Bluetooth Controllers:** The console supports Bluetooth connectivity, allowing you to pair external Bluetooth controllers for multiplayer gaming or alternative control schemes. Refer to the system settings for Bluetooth pairing instructions.
- **Adding Games/Emulators:** You can download and add emulators and games in supported formats to your TF card. Ensure the files are placed in the correct directory structure for the system to recognize them.
- **Game Search & Favorites:** Utilize the built-in game search function to quickly find titles. You can also mark favorite games for easy access from a dedicated favorites list.
- **Recent Game History:** The console keeps a history of recently played games, allowing you to quickly resume your last sessions.

## MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the console's exterior. Do not use liquid cleaners or abrasive materials.
  - **Storage:** Store the console in a cool, dry place away from direct sunlight and extreme temperatures.
  - **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the console regularly, even if not in use for extended periods.
  - **Software Updates:** Periodically check for system software updates to ensure optimal performance and access to new features. Follow official instructions for updating to prevent data loss or system corruption.
  - **TF Card Handling:** Always safely eject TF cards through the system menu before physically removing them to prevent data corruption.

## TROUBLESHOOTING

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### Console does not power on:

Ensure the battery is sufficiently charged. Connect the Type-C charging cable and allow it to charge for at least 30 minutes before attempting to power on again. If the issue persists, try performing a hard reset using the reset button (requires a thin pin).

### Screen is blank or frozen:

Press and hold the Power Button for 10-15 seconds to force a shutdown. Then, power on the console normally. If the screen remains blank, try connecting to an external display via HDMI to check if the issue is with the console's screen or the system itself.

### Games are lagging or not running smoothly:

Ensure the game is compatible with the console's specifications and the emulator being used. Some higher-end 3D games may experience performance issues. Close any background applications or processes if applicable. Ensure your TF card is not corrupted and is of sufficient speed.

### Cannot connect to Wi-Fi or Bluetooth:

Check that Wi-Fi/Bluetooth is enabled in the system settings. Ensure you are within range of the network/device and that the password/pairing code is correct. Restart the console and try again.

### No sound from speakers or headphones:

Check the volume level using the Vol+ button. Ensure headphones are fully plugged into the 3.5mm jack. Test with different headphones or try playing sound through the internal speakers to isolate the issue.

## WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the contact details provided by your retailer or the manufacturer, Petforu. Keep your purchase receipt as proof of purchase for any warranty claims.

For common questions and community support, you may also find resources online related to the X55 console or similar Linux-based handheld gaming devices.