

Powkiddy X35H

Powkiddy X35H Retro Handheld Game Console User Manual

Model: X35H | Brand: Powkiddy

INTRODUCTION

This manual provides detailed instructions for the Powkiddy X35H Retro Handheld Game Console. It covers essential information regarding device setup, operation, maintenance, and technical specifications to ensure optimal use of your console.

SAFETY INFORMATION

Please read the following safety guidelines carefully before using the device:

- Keep the device out of reach of children under 3 years old.
- Avoid exposing the device to extreme temperatures, direct sunlight, or high humidity.
- Do not attempt to disassemble or modify the device, as this may void the warranty and cause damage.
- Use only the provided USB-C cable for charging.
- If the device becomes unusually hot during use or charging, discontinue use immediately.

SETUP

Package Contents

Verify that all items are present in the package:

- Powkiddy X35H Console ×1
- 64GB TF Card (preloaded) ×1
- USB-C Cable ×1
- Pre-Applied Screen Protector ×1
- Quick Start Guide ×1

PACKAGE LIST






-  Console ×1
-  64GB Card ×1 (Preloaded)
-  USB-C Cable ×1
-  Pre-Applied Screen Protector
-  Quick Start Guide



Image: Contents included in the Powkiddy X35H package, showing the console, TF card, USB-C cable, screen protector, and quick start guide.

Device Overview

Familiarize yourself with the console's layout and controls.



Image: Front view of the Powkiddy X35H console, displaying the screen, D-pad, Hall effect joysticks, action buttons (A, B, X, Y), Start, Select buttons, and shoulder buttons.

The console features a 3.5-inch IPS screen, a D-pad, two Hall effect joysticks, four action buttons (A, B, X, Y), Start and Select buttons, and shoulder buttons for comprehensive control during gameplay.

Initial Power-Up and Charging

1. **Charging:** Connect the provided USB-C cable to the console's charging port and a compatible USB power adapter (not included). A full charge typically takes approximately 3 hours. The console features a 3000mAh battery, offering 4-6 hours of playtime depending on the game type.
2. **TF Card Insertion:** The console includes dual TF card slots. The 64GB TF card with preloaded games should be inserted into the designated slot. Ensure it is inserted correctly until it clicks into place.
3. **Power On/Off:** Press and hold the power button (usually located on the side or top of the console) for a few seconds to turn the device on or off.

OPERATING INSTRUCTIONS

Navigation and Game Selection

- Use the **D-pad** or **Hall effect joysticks** to navigate through the console's menu and game lists.
- Press the **A button** to confirm selections and the **B button** to go back.

- The console comes preloaded with games spanning 26 retro systems. Browse through the system categories to find your desired game.



Image: Screen displaying a list of popular emulators supported by the Powkiddy X35H, including PSP, N64, PS, DC, SATURN, FBA, NEOGEO, MAME, CPS1, CPS2, CPS3, GB, GBA, GBC, FC, SFC, MD, WSC, NGP, OPENBOR, PORTS, NDS, PCE, and ATARI 2600.

The console supports a wide range of emulators, allowing access to various classic gaming platforms. Note that due to chip limitations, not all games across all emulators may be fully compatible.

Gameplay Features

- **Save States:** Most emulators support save states, allowing you to save your progress at any point in a game. Refer to the in-emulator menu for specific save/load functions.
- **Fast-Forward:** Some emulators offer a fast-forward function to speed up gameplay, useful for grinding or skipping cutscenes.
- **Hall Effect Joysticks:** The console is equipped with Hall effect joysticks, designed for precision and durability, minimizing

drift over time.



Image: Close-up view of a Hall effect joystick component next to the Powkiddy X35H console, highlighting its professional-grade design for sensitive and drift-free operation.

HDMI TV Output

To connect your Powkiddy X35H to an external display:

1. Locate the HDMI output port on the console.
2. Connect an HDMI cable (not included) from the console to your TV or monitor.
3. Switch your TV's input source to the corresponding HDMI port. The console's display should mirror on the external screen.

Hall joystick



Professional grade game joystick, more sensitive operation, no drift during movement, durable and long-lasting



Image: The Powkiddy X35H console connected via an HDMI cable to a large television screen, displaying a racing game. This illustrates the HD TV connection feature.

Audio Output

The console supports 3.5mm stereo headphones for private listening. Simply plug your headphones into the designated audio jack.

Music/video playback

Supports 3.5mm stereo headphones



Image: The Powkiddy X35H console shown with a music note and video reel icon, indicating support for music and video playback, and a 3.5mm headphone jack.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the console's exterior. Avoid using harsh chemicals or abrasive materials. For the screen, use a microfiber cloth.
- **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. If storing for an extended period, charge the battery to approximately 50% before storage.

TROUBLESHOOTING

- **Device not turning on:** Ensure the battery is charged. Connect the console to a power source and try again. If the issue persists, try holding the power button for a longer duration (e.g., 10-15 seconds) for a hard reset.

- **Games not loading or freezing:**
 - Verify that the TF card is properly inserted.
 - Some games may not be fully compatible due to emulator or hardware limitations. Try a different game or emulator if available.
 - Ensure the game file is not corrupted.
- **Display issues (no image on TV via HDMI):**
 - Check the HDMI cable connection at both ends.
 - Ensure your TV is set to the correct HDMI input source.
 - Try a different HDMI cable or TV if possible.
- **Poor battery life:**
 - Battery life varies based on game complexity (2D vs. 3D games).
 - Ensure the console is fully charged before use.
 - Reduce screen brightness to conserve power.

SPECIFICATIONS

Feature	Detail
Model	X35H
Screen Size	3.5 Inches IPS
Screen Resolution	640x480
Processor	Rock-chips RK3566, Quad-core ARM Cortex-A55, 1.8GHz
GPU	ARM Mali-G52
RAM	LPDDR4 1GB
Internal Storage	64GB (TF Card included)
Expandable Storage	Dual TF Card Slots, up to 256GB
Battery	3000mAh Polymer Lithium-ion
Battery Life	4-6 hours (approx.)
Charging Port	USB-C
Audio Output	3.5mm Headphone Jack
Video Output	HDMI TV-Out
Controller Type	Joystick, Button Control (Hall effect joysticks)
Product Dimensions	5.19 x 3.03 x 0.87 inches
Item Weight	11.2 ounces
Material	Plastic

3.5-inch IPS HD screen

HD filter for clearer images

Reject mosaic image quality

Resolution: 640 * 480

Dynamic display is more realistic



The screen will not produce image distortion or impact. The color difference in the picture can be maximally preserved. The protective effect of the screen is not compromised.

Flip freely without color difference



The viewing angle is much larger than that of common TN screens, with clearer image quality and softer color tones.



Image: Diagram highlighting the 3.5-inch IPS HD screen of the Powkiddy X35H, noting its 640x480 resolution and HD filter for clearer images.

Rock-chips RK3566, Quad-core ARM Cortex-A55, CPU Clock Speed: 1.8GHZ

LPDDR4: 1GB

GPU: ARM Mali-G52



Image: Illustration of the Rock-chips RK3566 processor, detailing its Quad-core ARM Cortex-A55 architecture, 1.8GHz CPU clock speed, LPDDR4 1GB RAM, and ARM Mali-G52 GPU.

3000mAh battery

Polymer lithium-ion battery,
energy-saving and low consumption



*Cell cycle life

*Type-C convenient
charging



Image: Graphic depicting the 3000mAh polymer lithium-ion battery, emphasizing its energy-saving and low consumption features, along with Type-C convenient charging.

WARRANTY INFORMATION







For warranty details, please refer to the documentation included with your purchase or contact the seller directly. Standard warranty terms typically cover manufacturing defects for a limited period from the date of purchase.

SUPPORT

If you encounter any issues not covered in this manual or require further assistance, please contact the seller or manufacturer's customer support. Refer to your purchase documentation for contact information.



Related Documents - X35H

	<p>Powkiddy RGB20PRO Handheld Game Console User Manual</p> <p>Comprehensive user manual for the Powkiddy RGB20PRO handheld game console, covering setup, functions, precautions, game installation, and simulator settings.</p>
	<p>POWKIDDY X55 Handheld Game Console User Manual</p> <p>Detailed user manual for the POWKIDDY X55 handheld game console, featuring a 5.5-inch IPS screen, RK3566 processor, and open-source retro gaming capabilities.</p>
	<p>RGB 10 MAX II Handheld Game Console User Manual</p> <p>Comprehensive user manual for the Powkiddy RGB 10 MAX II handheld game console, detailing operation methods, button functions, charging instructions, and FCC compliance information.</p>
	<p>Powkiddy V10 Handheld Game Console User Manual</p> <p>User manual for the Powkiddy V10 handheld game console, detailing its features, precautions, basic functions, battery management, game installation, and simulator settings.</p>
	<p>RGB20SX Handheld Game Console User Manual</p> <p>User manual and instructions for the POWKIDDY RGB20SX handheld game console, covering device overview, quick functions, button operations, startup/shutdown, and charging.</p>
	<p>PowKiddy RGB20S Game List: Comprehensive Catalog of Retro and Modern Titles</p> <p>Explore a vast catalog of video games compatible with the PowKiddy RGB20S handheld pocket arcade device. This list features titles across numerous genres and languages, offering a comprehensive collection for retro gaming enthusiasts.</p>