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Miyoo A30

Miyoo A30 Handheld Game Console User Manual

Model: A30 | Brand: Miyoo

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your Miyoo A30 Handheld Game Console. Please read this manual thoroughly before using the device to ensure a safe and enjoyable experience.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Game console (1 unit)
- USB charging cable (1 unit)
- Instruction manual (1 unit)
- Headphone adapter cable (1 unit)
- Storage bag (1 unit)

Portable & Compact



Figure 1: Miyoo A30 console with included USB charging cable, headphone adapter, and storage bag.

3. PRODUCT OVERVIEW

The Miyoo A30 is a compact handheld game console designed for portable retro gaming. It features a 2.8-inch IPS display and supports a wide range of emulators.

3.1. Device Layout and Controls

KEY FUNCTION



Figure 2: Detailed view of the Miyoo A30's buttons, joystick, screen, and ports.

D-Pad (Arrow keys): Used for directional input in games and menu navigation.

Joystick: Provides analog directional control for compatible games.

Action Buttons (A, B, X, Y): Primary input buttons for gameplay.

SELECT/START Buttons: Used for in-game functions and menu selections.

Shoulder Buttons (L, L2, R, R2): Located on the top edge for additional game controls.

Power Button: Located on the top edge to turn the device on/off.

Volume Control: Located on the side for adjusting audio output.

USB Charging Port: USB-C port on the bottom for charging the device.

Headphone Jack: 3.5mm audio output on the bottom for headphones.

TF-Card Slot: Located on the bottom for inserting a MicroSD card.



Figure 3: Front view of the Miyoo A30 Handheld Game Console.

4. SETUP

4.1. Charging the Device

Before initial use, fully charge the Miyoo A30. Connect the provided USB charging cable to the USB-C port on the bottom of the device and to a compatible 5V/1.5A USB power adapter (not included). The device features a 2600mAh Li-Po battery, providing approximately 7 hours of gameplay on a full charge.

2.8inch IPS HD Screen



Figure 4: Illustration of the Miyoo A30 connected to a charger, highlighting battery capacity and screen resolution.

4.2. Inserting the TF Card

The Miyoo A30 supports TF/MicroSD cards up to 512GB. A 64GB TF card is typically included. Insert the TF card into the designated slot on the bottom of the device until it clicks into place. Ensure the device is powered off before inserting or removing the TF card.

4.3. Powering On/Off

To power on the device, press and hold the Power button located on the top edge until the screen illuminates. To power off, press and hold the Power button again until the shutdown options appear, then select to power off.

5. OPERATING INSTRUCTIONS

5.1. Menu Navigation

Use the D-Pad or joystick to navigate through the main menu and game lists. The 'A' button typically confirms selections, and the 'B' button returns to the previous screen.

Miyoo A30

Designed for portability and comfort



Figure 5: The Miyoo A30 displaying its main menu with options like Recent, Favorites, Consoles, and Expert. Device dimensions are also shown.

5.2. Game Selection and Emulation

The Miyoo A30 supports over 26 emulators, allowing you to play a wide variety of classic games. Games are typically organized by console type within the 'Game' or 'Consoles' section of the menu. Select an emulator, then browse and select your desired game.

5.3. Saving and Loading Game Progress

The console's emulators support instant saving with 10 save slots. During gameplay, access the in-game menu (usually by pressing a combination of buttons like SELECT + START or a dedicated menu button) to save or load your game progress. This allows you to resume gameplay exactly where you left off.

5.4. Game Management

The device offers game management settings for easy organization. You can view recently played games, mark favorites, and access game covers for quick identification within the menu interface.

5.5. Wireless Connectivity (Wi-Fi)

The Miyoo A30 includes built-in Wi-Fi support. Access the settings menu to connect to a Wi-Fi network. This feature enables online community access, updates, and potential additional content.



Figure 6: Depiction of the Miyoo A30's wireless (Wi-Fi) capability, suggesting online multiplayer or connectivity.

5.6. External Display Output (HDMI)

The device supports HDMI output, allowing you to connect it to a television or monitor for a larger display. Use a compatible HDMI cable (not included) to connect the console to your display device. This feature is ideal for a home gaming experience.

5.7. External Controller Support

The Miyoo A30 supports 2.4G wireless and wired controllers, as well as Bluetooth controllers. Refer to the device's settings for pairing and configuration instructions for external controllers.

5.8. Multimedia Functions

Beyond gaming, the console offers multimedia capabilities including a music player, video player, and e-book reader. These functions can be accessed through the main menu.

6. SPECIFICATIONS

Feature	Description
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Model	Miyoo A30
Screen Size	2.8 Inches IPS Display
Resolution	640x480
Processor	A33
Battery	2600mAh Lithium Polymer
Battery Life	Approximately 7 hours
Memory Storage	64GB (TF Card included)
Connectivity	Wi-Fi, USB-C, 3.5mm Audio Jack, HDMI Output
Dimensions	5 x 2.2 x 0.6 inches
Weight	10.2 ounces (0.29 Kilograms)
Material	Plastic



Miyoo A30

CPU: Allwinner A33

System: Linux



Screen: 2.8" 640*480 IPS

WIFI: 2.4G

Battery: Li-Po 3.8V 2600mAh (suggest 5V/1.5A charging)

CFW: MinUI OS; Spruce OS

Stroge: 128G (package with 64GB TF card) RAM: 512mb

Figure 7: Overview of Miyoo A30 technical specifications and available color options.

7. MAINTENANCE

7.1. Cleaning

Use a soft, dry cloth to clean the console's exterior. Avoid using liquid cleaners or abrasive materials, as these may damage the device.

7.2. Battery Care

To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods. Do not expose the device to extreme temperatures.

7.3. Software Updates

Periodically check for software updates via the Wi-Fi connection to ensure optimal performance and access to new features. Follow the on-screen instructions for any available updates.

8. TROUBLESHOOTING

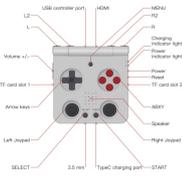
- **Device not powering on:** Ensure the battery is charged. Connect the device to a power source and attempt to power on again.
- **Games not loading:** Verify that the TF card is properly inserted and that the game files are in the correct format for the selected emulator.
- **Screen issues:** If the screen is unresponsive or displays incorrectly, try restarting the device. If the issue persists, ensure the device has not been subjected to physical damage.
- **Connectivity problems:** For Wi-Fi or external controller issues, check the device's settings to ensure proper configuration and signal strength.

9. OFFICIAL PRODUCT VIDEOS

No official seller videos specifically for the Miyoo A30 were found in the provided product information. Please refer to the written instructions and diagrams for guidance.

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided in your product packaging or visit the official Miyoo website. Keep your proof of purchase for warranty claims.



Get started

1. Insert the TF card with installed games into the TF card slot.
2. Charge the device to ensure a full start-up capacity.
3. Press and hold the [POWER] button for 3 seconds to power on.

How to install games

1. Remove the TF card from console and insert it into the card reader that is already connected to the computer. Click the "PC" in the installed directory of the TF card.
2. Open the TF card file, press [ENTER] to open the menu, and select "Miyoo-PC".

Idle mode, sleep mode, and wake-up

- After 30 seconds of inactivity, the console will enter idle mode and the screen will dim.
- In idle mode, press any key to wake up the console.
- After 3 minutes of inactivity or press of the [POWER] button, the console will enter sleep mode and the screen and sound will turn off.
- In sleep mode, press the [POWER] button to wake up the console.
- Check the hardware status to enter sleep mode and open it to wake up.

Power On/Off

- Power On: Press and hold the [POWER] button for 3 seconds to power on.
- Power Off: Press and hold the [POWER] button for 3 seconds to open the power menu, then press the [OK] key to turn off.



Navigation

After booting up, enter the navigation menu, use the [D-PAD] to navigate options, and press the [OK] button to select.



Start playing the game

Select the game in the game list and press the [OK] key to start the game.



Exit the game

In the game, press the [START] to open the menu, select the "Quit" option, and press the [OK] key to quit the game.



Save or load game progress

In the game, press the [START] to open the menu, select "Save or Load" and use the [D-PAD] to select the save file and press [OK] to save or load the current progress. Up to 10 save files are supported.



Setting

Use the [START] button to navigate up and down, press the [D-PAD] to select the menu, and use the [POWER] button to navigate left and right to control between option items.

Connecting the TV to play games.

1. Plug the USB controller into the USB port for controllers on the top of the Miyoo console.
2. Connect the HDMI port on the top of the console to the HDMI port on the display using an HDMI cable.
3. Repeat the gaming process to see the external display.



Firmware upgrade

1. Turn off the console and place the upgrade image file in the root directory of the TF card.
2. Insert the TF card, press and hold the [POWER] button for 3 seconds to automatically start the upgrade, and the console will shut down automatically after the upgrade is completed.
3. Press and hold the [POWER] button for 3 seconds to power on.

Charging indicator light	Power indicator light
Charging: Red	Power On: Green
Fully charged: Turns off	Power Off: Turns off

- Pay attention to the following safety precautions when in use:
 - Please do not spray any liquids onto the body of the device to prevent liquid penetrating the internal components.
 - Do not modify, repair, or dismantle the product.
 - Do not use any sharp or replace tools to clean this product.
 - Avoid exposure to high temperatures or direct contact with flames.



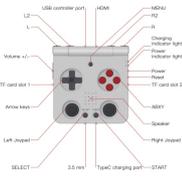
[MIYOO-355 Handheld Game Console User Manual](#)

Comprehensive user manual for the MIYOO-355 handheld game console, covering setup, game installation, power management, TV connectivity, firmware upgrades, and safety precautions.



[Miyoo Mini / Plus Game List by 8bitstick](#)

Explore the extensive game catalog for the Miyoo Mini and Miyoo Plus handheld consoles, featuring titles for numerous classic gaming systems, powered by OnionOS. Available from 8bitstick.com.



Get started

1. Insert the TF card with installed games into the **TF card slot**.
2. Charge the device to ensure it can start up normally.
3. Press and hold the **POWER** button for 3 seconds to power on.

How to install games

1. Remove the TF card from console and insert it into the card reader that is already connected to the computer. Click the "PC" in the external directory of the TF card.
2. Open the TF card copy the TF card file, press **ENTER** to open the menu, and select "Install ROM".

Idle mode, sleep mode, and wake-up

- After 30 seconds of inactivity, the console will enter idle mode and the screen will dim.
- In idle mode, press any key to wake up the console.
- After 3 minutes of inactivity or press of the **POWER** button, the console will enter sleep mode and the screen and sound will turn off.
- In sleep mode, press the **POWER** button to wake up the console.
- Check the hardware examples to enter sleep mode and open it to wake up.

Power On/Off

- Power On: Press and hold the **POWER** button for 3 seconds to power on.
- Power Off: Press and hold the **POWER** button for 3 seconds to open the power menu, then press the **ESC** key to turn off.



Navigation

After booting up, enter the navigation menu, use the **POWER** button to switch operations, and press the **ESC** button to quit.



Start playing the game

Select the game in the game list and press the **START** button to start the game.



Exit the game

In the game, press the **START** to open the menu, select the "Quit" option, and press the **START** to quit the game.



Save or load game progress

In the game, press the **START** to open the menu, select "Save or Load", use the **POWER** button to switch the save data and press **START** to save or load the current progress. Up to 10 save slots are supported.



Setting

Use the **POWER** button to navigate up and down to select the settings item, and use the **POWER** button to navigate left and right to switch between option items.

Connecting the TV to play games.

1. Plug the USB controller into the USB port for controllers on the top of the MIYOO console.
2. Connect the HDMI port to the HDMI port on the display using an HDMI cable.
3. Restart the gaming console to see the external display.



Firmware upgrade

1. Turn off the console and place the upgrade image file in the root directory of the TF card.
2. Insert the TF card, press and hold the **POWER** button for 3 seconds to automatically start the upgrade, and the console will shut down automatically after the upgrade is completed.
3. Press and hold the **POWER** button for 3 seconds to power on.

Charging indicator light	Power indicator light
Charging: Red	Power On: Green
Fully charged: Turn off	Power Off: Turns off

- Pay attention to the following safety precautions when in use:
 - Please do not spray any liquid onto the body of the device to prevent liquid penetrating the motherboard and causing damage.
 - Do not modify, repair, or dismantle the product.
 - Do not use any object or object liquid to clean this product.
 - Avoid exposure to high temperatures or direct contact with flames.



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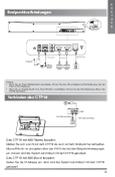


[Yealink MeetingBar A30 Kit Quick Start Guide](#)

Get started quickly with the Yealink MeetingBar A30 Kit. This guide provides essential setup and connection instructions for seamless video conferencing.

English | 简体中文 | Deutsch | Français | Español

Quick Start Guide (V1.0)



[Yealink MeetingBar A30: Quick Start and Installation Guide](#)

A comprehensive guide to installing, connecting, and pairing the Yealink MeetingBar A30 video conferencing endpoint with the CTP18 touch panel, including setup instructions, box contents, and regulatory information.



[TENMIYA A30 Portable Wireless Speaker User Manual](#)

User manual for the TENMIYA A30 2.2 CH Portable Wireless Speaker, covering package contents, technical specifications, product features, safety information, operational specifications, remote control functions, and troubleshooting.