

AYA NEO Pocket ACE - Light Blade White

AYA NEO Pocket ACE Handheld Gaming Console Instruction Manual

Model: Pocket ACE - Light Blade White

1. INTRODUCTION AND OVERVIEW

The AYANEO Pocket ACE is a high-performance handheld gaming console designed for an immersive Android gaming experience. It combines a nostalgic, retro-inspired design with advanced modern technology, making it suitable for both classic emulation and contemporary mobile titles.

Key features include the powerful Snapdragon G3x Gen 2 platform, a vibrant 4.5-inch IPS display, and precise Hall Effect controls. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.



Figure 1.1: Front view of the AYA NEO Pocket ACE handheld gaming console.



4.5"
Borderless Full-screen



0916B
Surge Linear Motor



6000mAh
large battery



**Medium Hall
Sensing Joystick
+ Hall Linear Trigger**



**Qualcomm
Snapdragon G3x Gen 2
Gaming Platform**



**AYASpace +
AYAHome**

Figure 1.2: Key features and specifications of the AYA NEO Pocket ACE.

2. SETUP

2.1 Initial Charging

Before first use, fully charge your AYA NEO Pocket ACE. The device is equipped with a 6000 mAh battery and supports 25W PD fast charging. Use the provided USB-C cable and a compatible power adapter for optimal charging speed.

2.2 Powering On

To power on the device, press and hold the power button located on the top edge. The power button also features a built-in fingerprint scanner for fast and secure login.

2.3 Initial Configuration

Upon first power-on, follow the on-screen prompts to complete the initial Android 13 setup. This includes selecting your language, connecting to a Wi-Fi network, and setting up your Google account.

2.4 Connectivity

The Pocket ACE supports high-speed Wi-Fi 7 and Bluetooth 5.3. To connect to a Wi-Fi network, navigate to Settings > Network & internet > Wi-Fi. For Bluetooth devices, go to Settings > Connected devices > Pair new device.

3. OPERATING YOUR DEVICE

3.1 Controls Overview

The AYA NEO Pocket ACE features a comprehensive set of controls for precise gaming:

- **D-Pad:** Located on the left side for directional input.
- **Hall Effect Joysticks:** Dual joysticks provide precise, drift-free control.
- **ABXY Buttons:** Standard gaming buttons on the right side.
- **Linear Hall Effect Triggers (L2/R2) and Shoulder Buttons (L1/R1):** Located on the top edge for advanced control.
- **LC/RC Buttons:** Customizable buttons on the top edge, configurable via the AYASpace software.
- **Performance Mode Switch:** Located on the bottom edge, allows switching between different performance profiles.
- **AYASpace Overlay & Home Buttons:** Clear plastic buttons on the bottom edge for quick access to AYASpace and the home screen.

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Video 3.1: An overview of the AYA NEO Pocket ACE's physical features and controls.

3.2 Software and User Interface

The device runs on Android 13, offering a familiar and functional user interface. The AYASpace software provides a centralized hub for managing your game collection, configuring controls, and accessing system settings.

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Video 3.2: A demonstration of the AYA NEO Pocket ACE's Android OS and AYASpace software.

3.3 Gaming Performance

Powered by the Snapdragon G3x Gen 2 processor and Adreno A32 GPU, the Pocket ACE delivers robust performance for a wide range of Android games and emulators. It supports high frame rates and smooth gameplay, even for demanding titles.

For games that do not natively support controllers, the built-in screen mapping function allows you to map on-screen inputs to physical controls. Additionally, the device supports phone type spoofing, which can enable compatibility and higher frame rates in games restricted to certain phone models.

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Video 3.3: Performance demonstration of Android games and emulators on the AYA NEO Pocket ACE.

4. MAINTENANCE

4.1 Battery Care

To prolong battery life, avoid extreme temperatures and fully discharging the device regularly. Utilize the 25W PD fast charging feature for quick power-ups when needed.

4.2 Storage Management

The Pocket ACE comes with 512GB UFS 4.0 internal storage. You can expand storage using the covered micro SD card slot on the right side of the device. Regularly manage your files and applications to ensure optimal performance.

4.3 Cleaning

Use a soft, dry cloth to clean the device's exterior. For the screen, a microfiber cloth is recommended. Avoid using harsh chemicals or abrasive materials.

5. TROUBLESHOOTING

5.1 Performance Issues

If you experience performance issues, ensure the device is set to an appropriate performance profile (e.g., 'Gaming' or 'Max' in AYASpace settings). Check for background applications that might be consuming resources. The device's fan noise and temperature are generally well-managed, but ensure proper ventilation during extended use.

5.2 Software Updates

Regularly check for and install software updates for both the Android OS and AYASpace. Updates can improve performance, add new features, and resolve bugs. Access updates through the AYASpace settings menu.

6. SPECIFICATIONS

Feature	Specification
Display Size	4.5 Inches
Screen Resolution	1620x1080 Pixels
Processor	Qualcomm Snapdragon G3x Gen 2 (3.36 GHz)
RAM	16 GB LPDDR5X
Storage	512 GB UFS 4.0 (expandable via microSD)
Operating System	Android 13
Battery Capacity	6000 mAh (supports 25W PD fast charging)
Wireless Connectivity	Wi-Fi 7, Bluetooth 5.3
Ports	USB 3.2 Gen 2 Type-C (video output, external storage)
Item Weight	12.3 ounces
Product Dimensions	3.35 x 8.27 x 0.55 inches

7. WARRANTY AND SUPPORT

Your AYA NEO Pocket ACE is covered by the manufacturer's warranty. For detailed warranty information, technical support, or service inquiries, please refer to the official AYA NEO website or contact their customer support directly. Keep your proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question