

arVin D6

arVin Mobile Gaming Controller User Manual

Model: D6

Brand: arVin

1. INTRODUCTION

This user manual provides comprehensive instructions for the arVin Mobile Gaming Controller (Model D6). Designed for a versatile gaming experience, this wireless gamepad is compatible with a wide range of devices and platforms, offering precise control and ergonomic comfort for extended play sessions. Please read this manual thoroughly before using the product to ensure proper operation and to maximize your gaming enjoyment.

2. PACKAGE CONTENTS

Upon opening the package, please verify that all the following items are included:

- 1 x arVin Mobile Gaming Controller (Model D6)
- 1 x User Manual
- 1 x Charging Cable (Type-C)



Image: The arVin Mobile Gaming Controller, user manual, and charging cable as included in the package.

3. PRODUCT OVERVIEW AND KEY FEATURES

The arVin Mobile Gaming Controller is engineered to transform your mobile device into a powerful gaming console. It boasts a range of features designed for enhanced performance and user comfort.

3.1 Multi-Platform Compatibility

This controller offers broad compatibility, supporting:

- **iOS Devices:** iOS 13.0+ (iPhone, iPad)
- **Android Devices:** Android 6.0+ (Samsung Galaxy, Galaxy Note, One Plus, TCL, Huawei, Oppo, Motorola, and other Android phones/tablets)
- **PC/Mac:** Windows 7.0+ systems, MacBook, Notebook, Laptop
- **Consoles:** Nintendo Switch, Switch OLED, Switch Lite, PS3, PS4. (Note: Compatible with PS5, but only supports playing PS4/PS3 games on PS5 console).

MULTI-PLATFORM COMPATIBLE

Mobile gaming controller compatible with iPhone/iPad/Android phone/tablet/PC/Switch, support iOS13.4+, Android 6.0+, win7-win11 system.
Connect via Bluetooth 5.0, wireless transmission distance up to 32.8 feet, low latency gaming.



Image: The controller's multi-platform compatibility, illustrating its use with smartphones, tablets, PCs, and Nintendo Switch.

3.2 Game Support

The arVin controller is designed to work with a wide array of games and services:

- **Controller Supported App Games:** Compatible with most cloud gaming, Apple Arcade, and MFi games.
- **Cloud Gaming Services:** Nvidia GeForce Now, Xbox Cloud, Amazon Luna, Google Stadia, Rainway, Moonlight.
- **Popular Mobile Games:** Call of Duty Mobile (CODM), Genshin Impact, Minecraft, Diablo Immortal, Asphalt 9: Legends, Asphalt 8: Airborne, etc.
- **Remote Play:** Supports streaming PC games and console games on your phone via Steam Link, PS Remote Play, and Xbox Remote Play. (Note: The local area network (LAN) to which your phone and the game console are connected must be the same for remote play functionality).

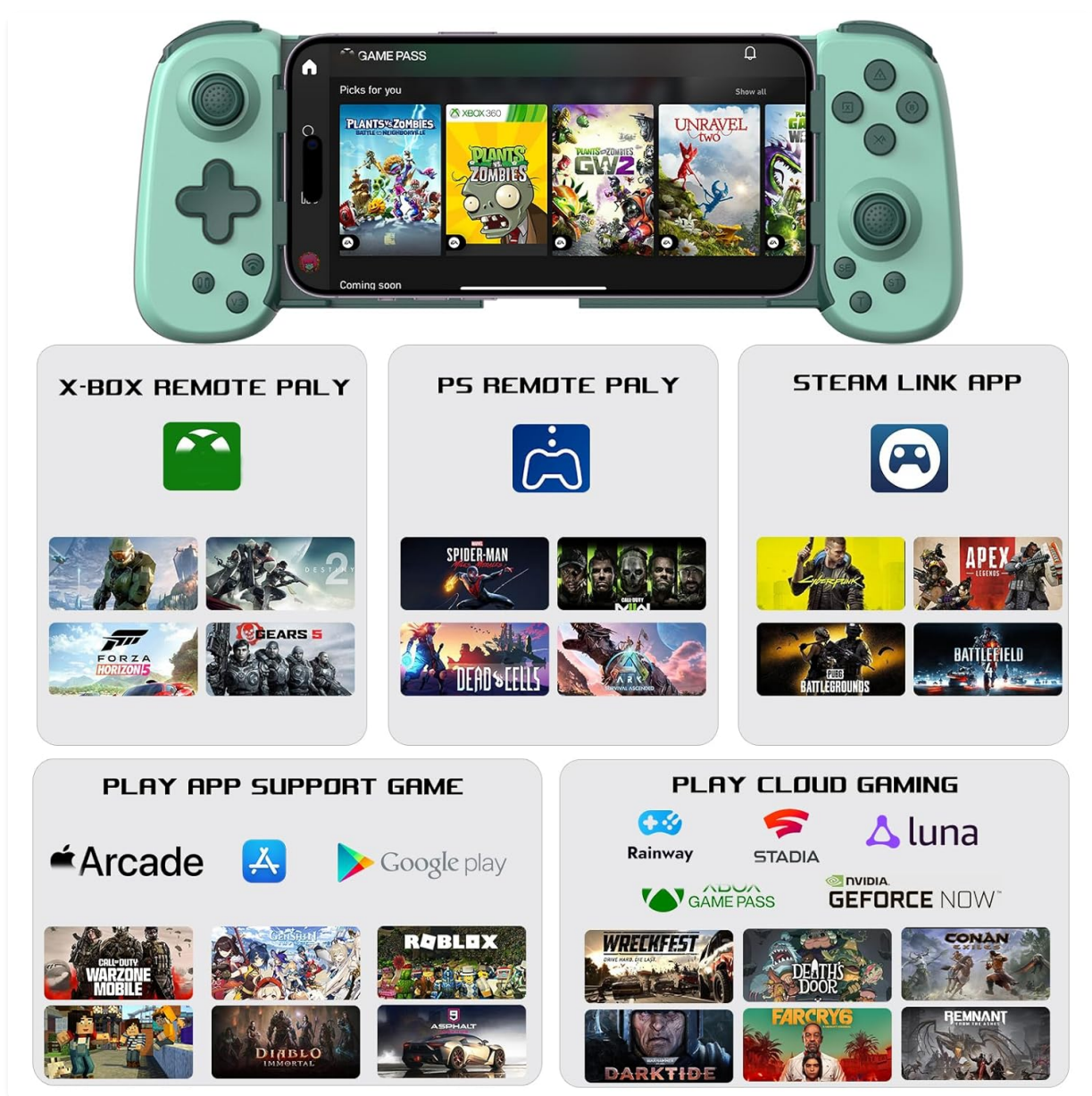


Image: An overview of the games and platforms supported by the controller, including remote play options and cloud gaming services.

3.3 Precise Control Mechanisms

- **Hall Effect Joysticks:** Features high-precision 360° joysticks with Hall Effect sensing technology, designed to prevent stick drift and ensure an ultra-long service life of up to 5 million uses.
- **Analog Triggers:** Equipped with analog triggers offering 256 levels of change, providing low latency and precise control with a response interval of less than 0.1 mm for fast feedback.



Image: Detailed view of the Hall Effect Joysticks and Analog Triggers, highlighting their precision and durability.

3.4 Turbo Function

The controller supports a 3-level Turbo mode adjustment. You can set the A/B/X/Y/LT/LB/RT/RB/cross keys for auto Turbo function, which can be beneficial in shooting and fighting games for rapid input.

2 HALL EFFECT JOYSTICKS



High Precision

360° precise control, no more drift



Long Life

500W times ultra-long service life



Stability

Signal stability without interference from resistive or inductive aging factors



2 ANALOG TRIGGER



256 level level change

Low latency, precise control



<0.1mm response interval

Fast feedback



Image: Visual guide on setting up and using the Turbo Combo Function for enhanced gameplay.

3.5 Dual Vibration & 6-Axis Gyroscope

- **Dual Vibration Motors:** Built-in dual vibration motors provide excellent haptic feedback, enhancing game immersion.
- **6-Axis Gyroscope:** A sensitive 6-axis gyroscope enables high-precision directional control, allowing for quick reactions and an improved gaming experience.

Note: These features (Dual Vibration and 6-Axis Gyroscope) are supported for PS3/PS4/Switch/PC, but **not supported** on iOS and Android devices.

KEYS DESCRIPTION

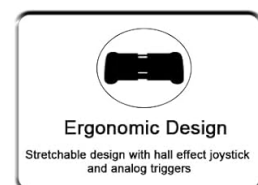
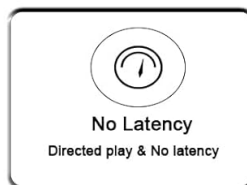
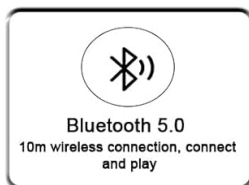
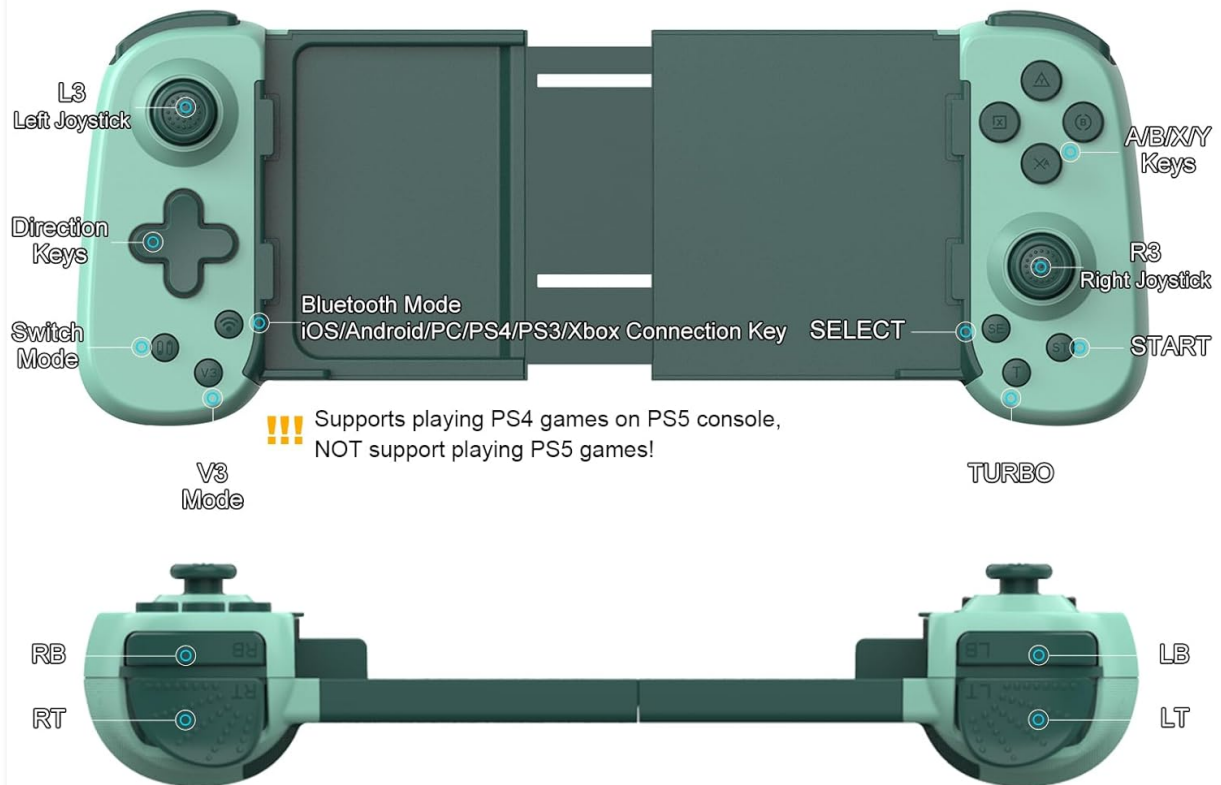


Image: Illustration of the dual motor vibration and 6-axis gyroscope capabilities, noting their platform limitations.

3.6 Ergonomic Design & Phone Compatibility

- **Stretchable Design:** Accommodates cell phones ranging from 5 to 7.1 inches in screen size.
- **Phone Case Support:** The recessed design accommodates most phone lenses, and the overall design supports total phone thickness within 1.57 inches, allowing for use with most phone cases.
- **Bezel-less Design:** Allows quick volume adjustment on your phone during gameplay.

DUAL MOTOR VIBRATION

Precise dual haptic feedback allows you to immerse yourself in the real gaming experience.



This feature is not supported on iOS and Android phones

6-AXIS GYRO

Built-in sensitive 6-axis gyroscope for high-precision directional control



This feature is not supported on iOS and Android phones

Image: Visual representation of the controller's stretchable design (127-180mm) and its ability to support phones with cases (up to 1.57 inches thickness).

3.7 Long Play Time

Equipped with a built-in 600mAh high-capacity rechargeable battery, the controller provides up to 15 hours of gaming time on a full charge. Please ensure the controller is fully charged before its first use.

TURBO COMBO FUNCTION

Gamepad with Turbo function allows you to set any button to Turbo, making it easy to win in shooting and fighting games.



POINT I Pressing "A+T" button again automatically releases the function of the A button without having to press and hold the "A" button.

POINT II Pressing "A+T" button again will cancel the automatic release function.

Image: The controller highlighting its Type-C charging port, reset button, and indicator light, emphasizing its long play time.

4. SETUP INSTRUCTIONS

4.1 Initial Charge

Before first use, fully charge the controller using the provided Type-C charging cable. Connect the cable to the controller's Type-C port and a compatible USB power source. The indicator light will show charging status.

4.2 Inserting Your Phone

Gently stretch the controller to fit your smartphone. Ensure your phone is securely seated within the controller's grips. The stretchable design accommodates phones from 5 to 7.1 inches, and the recessed design helps protect phone lenses and allows for use with most phone cases.

4.3 Bluetooth Pairing

To connect the controller to your device via Bluetooth:

1. Ensure Bluetooth is enabled on your mobile device (phone, tablet, PC).
2. Turn on the arVin Mobile Gaming Controller.
3. On your device, search for available Bluetooth devices. The controller should appear as "D6" or similar.
4. Select the controller to pair. Once paired, the indicator light on the controller will confirm the connection.

The controller connects wirelessly via Bluetooth 5.0, offering a transmission distance of up to 32.8 feet (10 meters) for low-latency gaming.

Your browser does not support the video tag.

Video: An unboxing and setup guide for the arVin Wireless Gamepad Controller, demonstrating how to connect it to a mobile device and begin playing.

5. OPERATING INSTRUCTIONS

5.1 Button Layout

Familiarize yourself with the controller's button layout:

Component	Description
LS (Left Joystick)	Left analog stick, also functions as L3 (press down).
Direction Keys	D-pad for directional input.
Switch Mode Button	Used to switch between different connection modes.
VS Mode Button	Specific mode button, refer to game instructions for use.
A/B/X/Y Keys	Standard action buttons. Can be switched between Xbox and NS-Switch layouts.
R3 (Right Joystick)	Right analog stick, also functions as R3 (press down).
SELECT Button	Function button, typically for menu or selection.
START Button	Function button, typically for starting games or pausing.
TURBO Button	Activates/deactivates Turbo function for other buttons.
RB/LB	Right Bumper / Left Bumper shoulder buttons.
RT/LT	Right Trigger / Left Trigger analog buttons.

LONG PLAY TIME

Built-in 600mAh high-capacity rechargeable battery brings up to 15 hours of gaming time when fully charged.

Please fully charge the controller before the first use.



Image: A comprehensive diagram detailing the description and location of each key on the arVin Mobile Gaming Controller.

5.2 Turbo Function Setup

To set a button for auto Turbo function:

1. Press and hold the **"T" (TURBO)** button.
2. While holding "T", press the desired function button (e.g., A, B, X, Y, LT, LB, RT, RB, or cross key).
3. Release both buttons. The setting is now complete.

To release the auto Turbo function for a specific button, repeat the process: press and hold "T", then press the button again. This will cancel the automatic release function.

5.3 Switching A/B/X/Y Key Values (Xbox to NS-Switch Layout)

When the controller is paired, you can switch the A/B/X/Y key values between Xbox and NS-Switch layouts. To do this, press the A, B, X, and Y keys simultaneously. The controller will vibrate once to confirm the switch.

6. MAINTENANCE

To ensure the longevity and optimal performance of your arVin Mobile Gaming Controller, please follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the controller. Avoid using abrasive cleaners, solvents, or strong

chemicals, as these can damage the surface and internal components.

- **Storage:** Store the controller in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Handling:** Handle the controller with care. Avoid dropping it or subjecting it to strong impacts, which can damage internal circuitry or external components.
- **Charging:** Only use the provided charging cable or a certified Type-C cable. Do not overcharge the battery.

7. TROUBLESHOOTING

If you encounter any issues with your arVin Mobile Gaming Controller, please refer to the following common troubleshooting steps:

Problem	Possible Cause / Solution
Controller not connecting via Bluetooth.	<ul style="list-style-type: none">◦ Ensure the controller is charged.◦ Verify Bluetooth is enabled on your device.◦ Try forgetting the device in your phone's Bluetooth settings and re-pairing.◦ Restart both the controller and your device.◦ If connection takes a long time (20-30 mins as reported by some users), try restarting the controller and device.
Buttons or joysticks not responding correctly (e.g., stick drift).	<ul style="list-style-type: none">◦ Perform a controller reset using the reset button (refer to Section 3.7).◦ For stick drift, some users have reported that pressing down on the joystick firmly can help "break it in" and resolve the issue.◦ Ensure the controller firmware is up to date (if applicable, check manufacturer's website).
Game compatibility issues (controller not working with a specific game).	<ul style="list-style-type: none">◦ Verify that the game officially supports external controllers. Not all mobile games are designed for controller input.◦ Check the game's settings for controller mapping or input options.◦ Ensure you are using the correct connection mode for the game/platform.
Cannot charge phone while using the controller.	This controller model does not feature a pass-through charging port for the phone. You cannot charge your phone directly through the controller while playing.
Controller feels cheaply made or breaks easily.	Handle the controller with care. Avoid dropping it or applying excessive force. While designed for durability, extreme impacts can cause damage.

If these steps do not resolve your issue, please contact arVin customer support for further assistance.

8. SPECIFICATIONS

Attribute	Detail
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Attribute	Detail
Model	D6 (Standard Version)
Brand	arVin
Connectivity	Wireless (Bluetooth 5.0)
Compatible OS	iOS 13.0+, Android 6.0+, Windows 7.0+
Compatible Devices	iPhone, iPad, Samsung Galaxy, Android Phones/Tablets, PC, MacBook, Nintendo Switch, PS3, PS4 (PS5 for PS4/PS3 games only)
Joystick Type	Hall Effect Joysticks
Trigger Type	Analog Triggers (256 levels)
Battery Capacity	600mAh Lithium Polymer
Play Time	Up to 15 hours (on full charge)
Charging Port	Type-C
Product Dimensions	8.66 x 3.98 x 1.93 inches
Item Weight	8.15 ounces
Supported Phone Size	5-7.1 inches (stretchable)
Supported Phone Case Thickness	Up to 1.57 inches
Manufacturer	ShenZhen ShanWan Technology Co., Ltd.
Date First Available	October 16, 2023


9. WARRANTY AND SUPPORT






For warranty information, technical support, or any inquiries regarding your arVin Mobile Gaming Controller, please contact arVin customer service through the retailer where you purchased the product or visit the official arVin website for support resources.

arVin Store Link: <https://www.amazon.com/stores/arVin/page/270517EB-0450-4F18-8C08-5485DFC84509>

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Related Documents - D6

	<p>ArVin Wireless Game Controller User Manual and Connection Guide</p> <p>A comprehensive guide to connecting and using the ArVin Wireless Game Controller with various devices including iOS, Android, and Nintendo Switch. Learn about button functions, pairing procedures, and supported features.</p>
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	<p>arVin Mobile Gaming Controller User Manual</p> <p>User manual for the arVin Mobile Gaming Controller, detailing setup and troubleshooting for iOS, Android, and PC devices. Includes connection guidelines, special functions like Turbo, and answers to frequently asked questions.</p>
	<p>arVin Gaming Controller User Manual - Setup and Compatibility Guide</p> <p>Detailed user manual for the arVin Gaming Controller, covering setup, features, and compatibility for iOS, Android, and PC devices. Learn how to connect and play your favorite games.</p>
	<p>arVin G9 Wireless Gamepad: User Manual and Operating Guide</p> <p>Comprehensive user manual for the arVin G9 Wireless Gamepad. Learn about its features, connectivity options (Bluetooth, USB) for Nintendo Switch, PS3, PS4, PC, Android, and iOS devices, setup instructions, and troubleshooting.</p>
	<p>Wireless Game Controller User Manual - VP-408</p> <p>Comprehensive user manual for the VP-408 wireless game controller, covering setup and connection guides for PS4, PS3, PC (wired and wireless), iOS, and Android devices. Includes troubleshooting tips and feature descriptions.</p>
	<p>arVin Wireless Gaming Controller: User Manual & Connection Guide</p> <p>Comprehensive setup and connection guide for the arVin Wireless Gaming Controller. Learn how to connect to iOS, Android, Steam Deck, and PC for games like Call of Duty Mobile. Includes troubleshooting and feature details.</p>