

## BEITONG KP40

# BEITONG KP40 Wireless Controller Instruction Manual

Model: KP40

## INTRODUCTION

The BEITONG KP40 Wireless Controller is a high-performance gamepad designed for a superior gaming experience across multiple platforms. This manual provides detailed instructions on setting up, operating, customizing, and maintaining your controller to ensure optimal performance. It is compatible with PC, Nintendo Switch/Switch 2, Android, iOS, and Steam platforms, offering versatile connectivity options including wired, Bluetooth, and 2.4GHz wireless.

## PRODUCT FEATURES

### Adjustable TMR Joystick & Triggers

The KP40 features TMR joysticks that combine durability, precision, and low power consumption. You can easily adjust the joystick tension from 30-90gf by rotating the force ring during gameplay, allowing you to find your ideal feel. These joysticks boast less than 1% drift and over 5400 precision. The fast TMR triggers offer up to 0.1mm accuracy with contactless and frictionless operation.

# BEITONG Precision Controller

Damping Adjustable  
TMR Joystick  
(Without Pattern)



TMR Trigger  
Micro/Linear Switch

Optical Axis Butto



Image: Overview of the BEITONG KP40 controller highlighting the adjustable TMR joystick, TMR trigger with micro/linear switch, and optical axis buttons.

# TMR Raptic Trigger



0.3mm  
Micro-Switch Trigger  
Quick Rapid



Image: Detailed view of the TMR Rapid Trigger, illustrating its vibrated feedback, 0.3mm micro-switch trigger for quick response, and 8mm linear trigger for high precision.

# TMR Electromagnetic Joystick



Image: Exploded diagram of the TMR Electromagnetic Joystick, showing components like customized stick caps, adjustable damping ring, magneto-resistance sensors, and self-developed chip, emphasizing features like over 5400+ overclocking DPI, adjustable tension, anti-drift design, over 1000Hz polling rate, and 5 million+ turns life.

## Enhanced Optical Buttons & Hybrid D-Pad

The controller is equipped with a dedicated hybrid D-pad, offering 8-direction sensitivity and precise feedback, particularly beneficial for fighting games. The precise optical switches are 70% faster than traditional buttons, providing frictionless operation and a lifespan exceeding 10 million presses. This feature ensures first-class precision for both competitive and casual gamers on Switch or PC.

# Omnidirectional D-Pad



Image: Exploded view of the Omnidirectional D-Pad, illustrating its centering mechanism and tactile switches for clear 360-degree feedback.

## Additional Functions

The KP40 includes two programmable back paddles, a linear switch, and a turbo function for enhanced gameplay. Its design also incorporates anti-wear features for extended durability.



# More Detail More Function



2 Programmable Back Paddle



Linear Switch



Turbo Function



Anti-Wear

Image: Close-up views of the controller highlighting additional functions such as the two programmable back paddles, linear switch, turbo function, and anti-wear design elements.

## SETUP & CONNECTION

### Multi-Platform Compatibility

The BEITONG KP40 controller supports various platforms including PC, Nintendo Switch/Switch 2, Android, iOS, and Steam. You can easily switch between modes using the dedicated system button located on the rear of the controller. This ensures a smooth and lag-free experience, ideal for competitive cross-platform gaming.

# 3 Modes To Play Multi-Platform



PC



Android/iOS



Vehicle



TV



Switch



Image: Visual representation of the BEITONG KP40 controller's compatibility with multiple platforms, including PC, Android/iOS, and Nintendo Switch, showcasing various game titles.

## Connection Methods

The controller offers flexible connectivity options:

- **Wired Connection:** Connect the controller directly to your device using a USB-C cable.
- **Bluetooth Connection:** Pair the controller wirelessly with compatible Bluetooth-enabled devices.
- **2.4GHz Wireless Connection:** Use the included 2.4GHz dongle for a stable wireless connection, especially for PC gaming.

The controller features a 1000Hz+ polling rate (via wired or 2.4GHz dongle) for faster response times.

## Smart Wake-up Charging Dock

The included smart charging dock provides a stable connection and convenient charging. Simply pick up the controller from the dock to power it on and start playing. When you place the controller back on the dock, it automatically begins charging. To reconnect after placing it on the dock, simply press the home button on the controller.

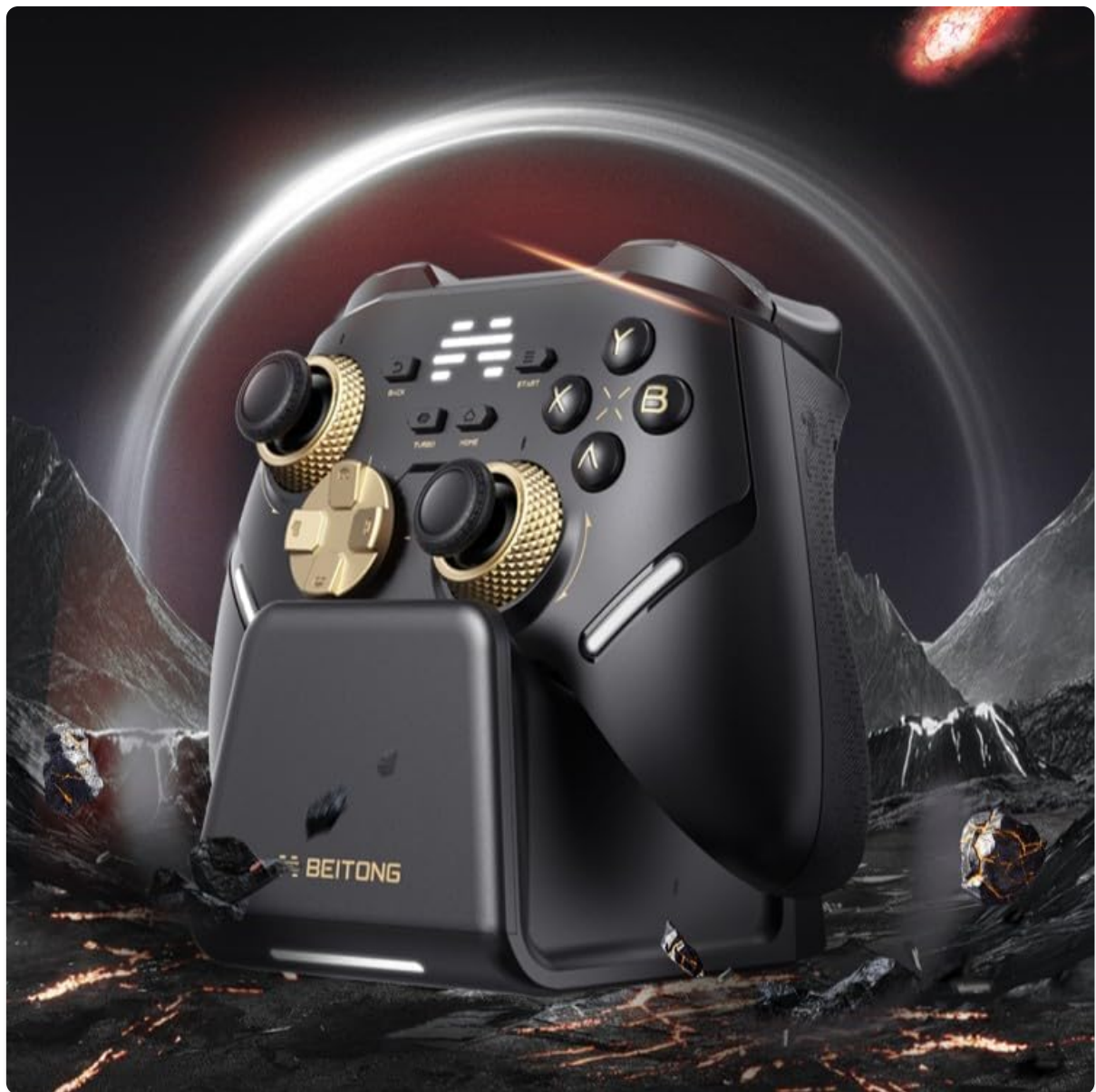


Image: The BEITONG KP40 Wireless Controller resting on its smart charging dock, indicating its charging and wake-up functionality.

## OPERATING INSTRUCTIONS

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### Power On/Off

- **To Power On:** Press the Home button. If using the charging dock, simply lift the controller.
- **To Power Off:** Hold the Home button for a few seconds, or place it back on the charging dock.

### Mode Switching

Use the system button on the rear of the controller to cycle through different platform modes (PC, Switch, Android/iOS). Refer to the LED indicators on the controller for the current mode.

### Basic Controls

Familiarize yourself with the standard button layout, including the TMR joysticks, D-pad, action buttons (A, B, X, Y), shoulder buttons (L1, R1), and TMR triggers (L2, R2). The programmable back paddles can be assigned functions via the customization software.

## CUSTOMIZATION



The BEITONG KP40 controller offers extensive customization options through the **BEITONG Gamepad Assistant** software. This allows you to fine-tune various aspects of your controller for a personalized gaming experience.

## Customization Options:

- **Joystick Dead Zone:** Adjust the sensitivity and dead zone of the TMR joysticks to prevent unintended inputs.
- **Turbo Speed:** Configure the rapid-fire speed for buttons with the turbo function.
- **Vibration Intensity:** Modify the strength of the controller's haptic feedback.
- **RGB Lighting:** Customize the RGB lighting effects and colors.
- **Macro Functions:** Program complex sequences of button presses to a single input.
- **Programmable Back Paddles:** Assign specific button functions to the two back paddles for quick access.

Download the BEITONG Gamepad Assistant from the official BEITONG website or your device's app store.

## MAINTENANCE

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### Charging

To charge the controller, place it on the smart charging dock. Ensure the dock is connected to a power source. The controller will indicate charging status (e.g., LED light changes). A full charge typically takes a few hours.

### Cleaning

Use a soft, dry cloth to clean the surface of the controller. For stubborn dirt, slightly dampen the cloth with water. Avoid using harsh chemicals or abrasive materials, as these can damage the controller's finish and internal components. Keep the charging contacts on both the controller and the dock clean to ensure reliable charging.

### Storage

When not in use for extended periods, store the controller in a cool, dry place away from direct sunlight and extreme temperatures. It is recommended to fully charge the controller before long-term storage to preserve battery health.

## TROUBLESHOOTING

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### Controller Not Connecting

- **Check Battery:** Ensure the controller is sufficiently charged. Place it on the charging dock.
- **Verify Mode:** Make sure the controller is in the correct mode for your platform (PC, Switch, Android/iOS) using the rear system button.
- **Re-pair:** For Bluetooth or 2.4GHz connections, try unpairing and re-pairing the controller with your device.
- **Wired Connection:** If wireless connection fails, try connecting the controller directly via USB-C cable to rule out wireless interference.
- **Restart Device:** Sometimes restarting your gaming device or computer can resolve connection issues.

### Buttons or Joysticks Unresponsive

- **Recalibrate:** Use the BEITONG Gamepad Assistant software to recalibrate joysticks and check button inputs.
- **Check for Obstructions:** Ensure no debris is lodged around buttons or joysticks.
- **Software Update:** Check if there are any firmware updates available for the controller via the Gamepad Assistant.

### Charging Issues

- **Check Cable/Dock:** Ensure the charging cable and dock are properly connected and not damaged.
- **Clean Contacts:** Clean the charging contacts on both the controller and the dock with a dry cloth.
- **Power Source:** Try a different USB port or power adapter.

### SPECIFICATIONS

Feature	Detail
Model Number	BTP-KP40A-BK
Connectivity	Wired, Bluetooth, 2.4GHz Wireless
Compatible Platforms	PC, Nintendo Switch/Switch 2, Android, iOS, Steam
Joystick Type	Adjustable TMR Electromagnetic Joystick
Trigger Type	Dual TMR Triggers (Micro/Linear Switch)
Buttons	Optical Buttons, Hybrid D-Pad, Programmable Back Paddles
Polling Rate	1000Hz+ (Wired/2.4GHz)
Motion Control	6-Axis
Battery	1 AAA battery (included) - <i>Note: This may refer to a small internal battery or a placeholder. The smart charging dock implies a rechargeable battery.</i>
Dimensions	10.97 x 8.26 x 3.05 cm
Weight	340.19 grams

### WARRANTY AND SUPPORT

BEITONG is committed to providing high-quality products and customer satisfaction. For any issues or questions regarding your BEITONG KP40 Wireless Controller, the BEITONG technical support team is available to provide assistance within 24 hours.

Please refer to your purchase documentation for specific warranty terms and conditions. For technical support, visit the official BEITONG website or contact their customer service.

