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Gamtoure MC200

Gamtoure Wireless Mobile Gaming Controller User Manual

Model: MC200

INTRODUCTION

This manual provides comprehensive instructions for the Gamtoure Wireless Mobile Gaming Controller. Designed for an enhanced mobile gaming experience, this controller features advanced Hall Effect technology for precision and durability, multi-platform compatibility, and an ergonomic design for extended play sessions. It connects wirelessly via Bluetooth 5.0, eliminating the need for specific port types and supporting a wide range of smartphones.



Figure 1: Gamtoure Wireless Mobile Gaming Controller with a smartphone.

SETUP AND CONNECTIVITY

- 1. Charging the Controller:** Before first use, fully charge the controller using the provided Type-C charging cable. Connect the cable to the controller's charging port and a compatible USB power source.
- 2. Attaching Your Phone:** Gently extend the controller's stretch clamp. Insert your smartphone (compatible with 4" to 7.3" phones, 100-185mm) into the clamp, ensuring it is securely held. The design accommodates various phone models, including those with Lightning or USB-C ports.
- 3. Bluetooth Pairing:**
 - Ensure Bluetooth is enabled on your smartphone (iOS 13+ or Android 6.0+).
 - Turn on the Gamtoure controller.
 - On your phone, search for available Bluetooth devices and select "Gamtoure Controller" (or similar name) to pair.
 - Once paired, the controller's indicator light will confirm connection.



Figure 2: Phone compatibility with the Gamtoure controller.

KEY FEATURES AND OPERATION

Hall Effect Technology

The Gamtoure controller incorporates next-generation Hall Effect sensors for both joysticks and triggers. This technology uses electromagnetic induction, eliminating physical contact and wear-and-tear, which prevents common issues like joystick drift and sticky triggers. This ensures 100% accuracy and a significantly longer lifespan compared to traditional potentiometer controllers.

- **Hall Joysticks:** Provide drift-free, wear-resistant performance with low latency and sensitive operation.
- **Hall Triggers:** Offer linear 0-100% pressure sensitivity, allowing for precise control in racing games (throttle) and quick, accurate responses in FPS games.

Hall Effect Joystick

Harnessing Electromagnetic Induction
for Drift-Free, Wear-Resistant Performance



Hall joystick never drifts



Low latency and
sensitive operation

Figure 3: Hall Effect Joystick mechanism.

Hall Effect Linear Trigger

Elevate Your Racing, Shooting, and Action Games



256 Layers Changes
<0.1mm level Accuracy

Figure 4: Hall Effect Linear Trigger functionality.

Programmable Functions (ML/MR Buttons)

The controller features programmable "ML" and "MR" buttons, allowing you to customize up to 21 keys for game-winning combos and personalized control schemes. Refer to the included quick start guide for detailed programming instructions.

Programming Functions

Program "ML"/"MR" with up to 21 keys, Customize for Game - winning Combos

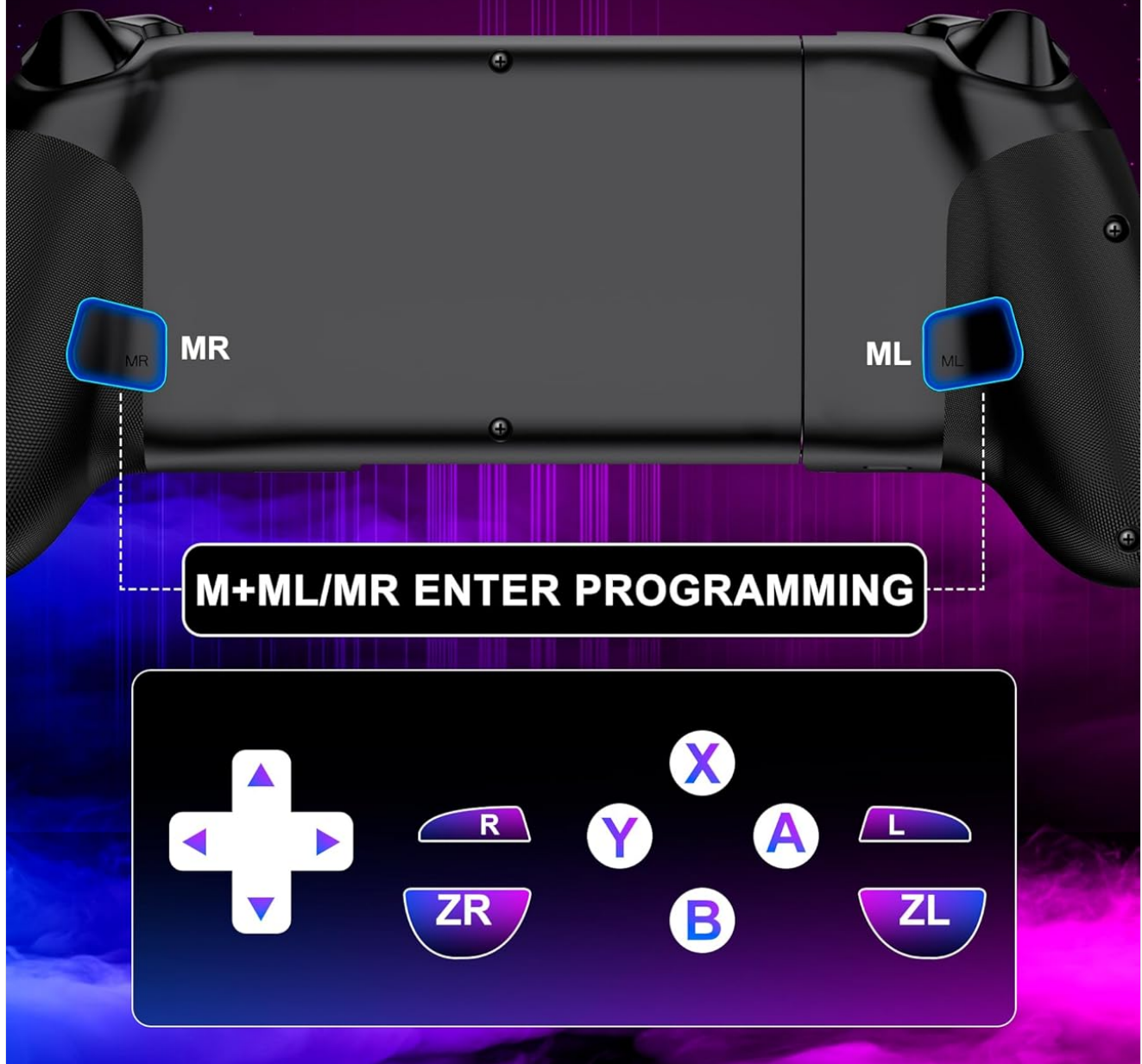


Figure 5: Programming functions for ML/MR buttons.

Multi-Platform Compatibility

This controller offers seamless connectivity across multiple platforms, enhancing your gaming versatility. It supports:

- **Mobile Devices:** iPhone (iOS 13+), Android (6.0+).
- **Cloud Gaming Services:** Xbox Cloud, Steam Link, GeForce Now, MFi Apple Arcade.
- **Popular Games:** Supports titles like Call of Duty, Minecraft, Genshin Impact, Roblox, and many more with zero input lag.



Figure 6: Multi-platform and game compatibility.

ERGONOMICS AND COMFORT

The Gamtoure controller features a "Bionic Palm Arc" design, engineered for extended gaming sessions with

minimal fatigue. Ergonomic experts have tested this design to reduce ulnar nerve pressure by 37% during marathon play. Micro-grooves on the grips ensure a secure hold, preventing slippage even during intense gameplay.

MAINTENANCE

To ensure the longevity and optimal performance of your Gamtoure controller, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the controller. For stubborn dirt, slightly dampen the cloth with water. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store the controller in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Charge the controller regularly, even if not in constant use.
- **Handling:** Avoid dropping the controller or subjecting it to strong impacts, as this can damage internal components.

TROUBLESHOOTING

If you encounter issues with your Gamtoure controller, please refer to the following common solutions:

- **Controller Not Connecting/Pairing:**
 - Ensure the controller is charged.
 - Verify Bluetooth is enabled on your phone and the controller is in pairing mode.
 - Try unpairing and re-pairing the controller from your phone's Bluetooth settings.
 - Restart both your phone and the controller.
- **Input Lag or Unresponsive Buttons:**
 - Ensure your phone's operating system is up to date.
 - Close other applications running in the background on your phone to free up resources.
 - Move closer to your phone to ensure a strong Bluetooth connection.
- **Incorrect Button Mapping in Games (e.g., Call of Duty Mobile):**
 - For certain games, such as Call of Duty Mobile, you may need to manually adjust controller settings within the game itself. Even if the controller connects as an "Xbox" device via Bluetooth, the game might require you to select "PS5" or a similar controller profile in its internal settings for correct functionality.
- **Controller Not Turning On:**
 - Connect the controller to a power source using the Type-C cable and allow it to charge for at least 30 minutes before attempting to turn it on again.

SPECIFICATIONS

Brand	Gamtoure
Model	MC200
Connectivity	Bluetooth 5.0
Compatible Phone Size	4" to 7.3" (100-185mm)
Operating System Compatibility	iOS 13+, Android 6.0+
Joystick Technology	Hall Effect
Trigger Technology	Hall Effect Linear Triggers (0-100% pressure sensitivity)
Programmable Buttons	ML/MR (up to 21 keys)
Battery Type	Lithium Ion (rechargeable)
Item Weight	13.1 ounces (approx. 371 grams)
Package Dimensions	9.57 x 4.49 x 2.48 inches

WARRANTY AND SUPPORT

The Gamtoure Wireless Mobile Gaming Controller package includes one controller, one user manual, and one Type-C charging cable. For any product-related inquiries or technical support, please refer to the contact information provided on the product packaging or the official Gamtoure website. Specific warranty details are typically outlined in the purchase documentation or on the manufacturer's website.