**TechBrix GS-M8**

# M8 4K Retro Game Stick User Manual

Model: GS-M8 | Brand: TechBrix

## Introduction

This manual provides comprehensive instructions for setting up, operating, and maintaining your TechBrix M8 4K Retro Game Stick. Please read this manual carefully before use to ensure proper functionality and to maximize your gaming experience. The M8 Game Stick is a compact, high-definition retro gaming console designed for easy plug-and-play use with your TV, monitor, or projector, offering access to over 20,000 built-in games and supporting multiple emulators.

## Package Contents

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

- 1 x Game Stick (M8 4K Retro Game Stick)
- 1 x USB Wireless Receiver
- 1 x Extension HDMI Cable
- 1 x USB Power Cable
- 1 x TF Card (128GB, pre-loaded with games)
- 1 x User Manual (this document)
- 2 x 2.4G Wireless Controllers




*Image: All components included in the M8 4K Retro Game Stick package. This includes the main game stick unit, two wireless game controllers, a USB wireless receiver, an HDMI extension cable, a USB power cable, and the user manual.*

## Specifications

| Feature | Detail |
|---|---|
| CPU | GB2 |
| Output | HDMI (4K HD) |
| Operating System | Linux Retroarchiopen Source System |
| Memory Performance | DDR3 256MB |
| External TF Card Support | Expandable up to 128GB (128GB card included) |
| Controller Frequency | 2.4G Wireless |
| Controller Power | 2 x AAA batteries per controller (Not Included) |

| | |
|---|---|
| Built-in Games | 20,000+ |
| Emulators Supported | MAME, FC, GB, GBA, GBC, MD, SFC, PS1, ATARI2600, ATARI7800 (10+ emulators) |
| Product Dimensions | 8 x 6 x 6 inches |
| Item Weight | 1.1 pounds |




*Image: Detailed view of the M8 Game Stick, highlighting its compact form factor and various connection points such as USB and TF card slots.*

## Setup Guide

1. **Insert TF Card:** Ensure the TF card (pre-loaded with games) is securely inserted into the TF card slot on the Game Stick.
2. **Connect Game Stick to TV:** Plug the Game Stick directly into an available HDMI port on your television, monitor, or projector. If space is limited, use the included HDMI extension cable.
3. **Connect USB Power:** Connect the USB power cable to the Game Stick's power input port. Plug the other end of the USB

power cable into a USB port on your TV or a 5V/1A USB power adapter (not included).

4. **Insert USB Wireless Receiver:** Insert the USB wireless receiver into the USB port on the Game Stick. This receiver enables communication with the wireless controllers.
5. **Install Controller Batteries:** Open the battery compartment on the back of each 2.4G wireless controller and insert 2 AAA batteries (not included), ensuring correct polarity.
6. **Power On:** Turn on your TV and select the correct HDMI input source that the Game Stick is connected to. The Game Stick should power on automatically and display the main menu.




*Image: The M8 Game Stick connected to a television, with two users holding the wireless controllers, illustrating a typical setup for gameplay.*




*Image: Detailed views of the M8 Game Stick's components, including the charging port, the slot for the wireless receiver, the TF card slot, and the LED indicator light.*

## Operating Instructions

### Controller Functions

The 2.4G wireless controllers provide intuitive control for navigating menus and playing games.

- **Directional Pad (D-Pad):** Navigate through menus and in-game movement.
- **Analog Sticks:** Provide alternative movement control in supported games.
- **Action Buttons (A, B, X, Y):** Perform in-game actions.
- **START Button:** Pause games, confirm selections, or start games.
- **SELECT Button:** Access in-game menus, select options, or perform specific actions depending on the game.
- **MODE Button:** Typically used to return to the main menu or exit a game.




*Image: A detailed view of the wireless game controller, showing its various buttons including the D-pad, analog sticks, action buttons, START, SELECT, and MODE buttons.*

## Navigating the System

- Upon startup, the main interface will display categories for different emulators or game types.
- Use the D-Pad or analog stick to navigate between categories and games.
- Press the **A** button (or equivalent) to select a game or enter a category.
- Press the **MODE** button to return to the previous menu or exit a game.

## Game Functions

- **Game Search:** Use the search function (if available on the main menu) to quickly find specific games by name.
- **Game Collection:** Add your favorite games to a "collection" for easy access.
- **Instant Archive (Save State):** During gameplay, you can usually press a combination of buttons (e.g., SELECT + START simultaneously) to access the in-game menu. From this menu, you can save your game progress at any point.
- **Load State:** From the in-game menu, you can load a previously saved game state.
- **Pause Game:** Press the START button during gameplay to pause the game.

## Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the Game Stick and controllers. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **TF Card Handling:** Always ensure the Game Stick is powered off before inserting or removing the TF card to prevent data corruption.
- **Battery Replacement:** Replace controller batteries when performance degrades. Dispose of used batteries responsibly.

## Troubleshooting

| Problem | Solution |
|---|---|
| No display on TV / "No Signal" | Ensure the Game Stick is securely plugged into the HDMI port.<br>Verify your TV is set to the correct HDMI input source.<br>Check if the USB power cable is properly connected and receiving power.<br>Try a different HDMI port or TV. |
| Controllers not responding | Ensure the USB wireless receiver is firmly inserted into the Game Stick's USB port.<br>Check if the controllers have fresh AAA batteries and are inserted with correct polarity.<br>Try re-pairing the controllers by briefly removing and reinserting the USB receiver. |
| Games not loading or freezing | Ensure the TF card is properly inserted and not damaged.<br>Restart the Game Stick by unplugging and replugging the power cable.<br>Some games may be corrupted; try a different game. |
| Poor game performance (lag, stuttering) | Ensure the Game Stick has adequate ventilation and is not overheating.<br>Close any background applications if the system allows (not typically applicable for this device). |

## Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the contact information provided by your retailer or the manufacturer, TechBrix. Keep your purchase receipt as proof of purchase for any warranty claims.
Typically, support can be found via the seller's contact page on the platform where the product was purchased.

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**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**

## Answered questions about this manual

**Where can I find the 500MB boot and system files for the TechBrix M8 Lite Game Stick?**

The TechBrix M8 4K Retro Game Stick (Model GS-M8) runs on a Linux Retroarchiopen Source System. Because the system files and game data are stored entirely on the external TF card, the device will...

**Read full answer**