

MAYFLASH MF104

MAYFLASH MF104 SEGA Genesis Mega Drive Controller Adapter User Manual

For Nintendo Switch and PC Windows

INTRODUCTION

The MAYFLASH MF104 SEGA Genesis Mega Drive Controller Adapter allows users to connect their classic SEGA Genesis and Mega Drive controllers to modern gaming platforms. This adapter is compatible with Nintendo Switch and PC Windows systems, enabling a nostalgic gaming experience with original hardware. It supports up to two controllers simultaneously, with the option to use up to four controllers with two adapters.

This manual provides detailed instructions for setting up, operating, and troubleshooting your MF104 adapter.



Image: The MAYFLASH MF104 adapter, featuring its USB connection and two 9-pin controller ports.

PACKAGE CONTENTS

- 1 x MAYFLASH MF104 SEGA Genesis & Mega Drive Controller Adapter
- 1 x Instruction Manual (this document)

SYSTEM COMPATIBILITY

The MAYFLASH MF104 adapter is compatible with the following systems:

- Nintendo Switch / Switch 2
- PC Windows (supports Xinput and Dinput)

SETUP INSTRUCTIONS

1. Connecting to Nintendo Switch

1. Ensure your Nintendo Switch console is docked or connected to a power source.
2. Plug the USB-A connector of the MF104 adapter into an available USB port on your Nintendo Switch dock.
3. Connect your SEGA Genesis or Mega Drive controllers into the 9-pin ports on the MF104 adapter. The adapter supports two controllers.
4. On your Nintendo Switch, navigate to System Settings > Controllers and Sensors > Pro Controller Wired Communication and ensure it is set to "On".
5. The adapter and connected controllers should now be recognized by your Nintendo Switch.



Image: Front view of the adapter, highlighting the two 9-pin controller input ports.

2. Connecting to PC Windows

1. Plug the USB-A connector of the MF104 adapter into an available USB port on your PC.
2. Connect your SEGA Genesis or Mega Drive controllers into the 9-pin ports on the MF104 adapter.
3. The PC will automatically detect and install the necessary drivers. This may take a few moments.
4. The adapter supports both Xinput and Dinput modes. The mode can often be switched via a button combination or automatically detected by the game. Refer to the "Operating Instructions" section for details on switching modes if necessary.

OPERATING INSTRUCTIONS

Adapter Buttons and Indicators



Image: Top view of the adapter, showing the three control buttons: TURBO 1, HOME, and TURBO 2, each with an associated LED indicator.

- **HOME Button:** Press and hold to switch between console modes (e.g., Switch, PC Xinput, PC Dinput). The LED indicators will change to reflect the current mode.
- **TURBO 1 Button:** Controls Turbo/Auto Fire/Hold functions for Controller Port 1.
- **TURBO 2 Button:** Controls Turbo/Auto Fire/Hold functions for Controller Port 2.

Turbo/Auto Fire/Hold Functions

The adapter supports Turbo, Auto Fire, and Hold functions for individual buttons on your connected controllers. These functions are controlled via the TURBO 1 and TURBO 2 buttons on the adapter.

1. **To activate Turbo:** Press and hold the desired action button on your controller, then press the corresponding TURBO button (TURBO 1 for controller 1, TURBO 2 for controller 2) once. The button will now rapidly repeat its input when held down.
2. **To activate Auto Fire:** Press the desired action button on your controller, then press the corresponding TURBO button twice. The button will now rapidly repeat its input without being held down.
3. **To activate Hold:** Press the desired action button on your controller, then press the corresponding TURBO button three times. The button will register as continuously pressed.

4. **To deactivate any Turbo/Auto Fire/Hold function:** Repeat the activation steps for that specific button, or press the corresponding TURBO button four times to clear all special functions for that controller.

Left Stick and D-Pad Switching

For certain games or preferences, the adapter allows you to switch the functionality between the Left Stick and the D-Pad input. This feature is particularly useful for games that might interpret D-pad inputs as analog stick movements or vice-versa.

- **To switch:** Press and hold the **HOME** button and the **D-Pad Up** button simultaneously for approximately 3 seconds. The LED indicator will flash to confirm the switch.
- Repeat the process to switch back to the original configuration.

FIRMWARE UPDATE

MAYFLASH regularly releases firmware updates to improve compatibility, add new features, and fix potential issues. It is highly recommended to keep your MF104 adapter's firmware up to date for optimal performance, especially if you encounter compatibility problems with new games or systems.

To check for and install the latest firmware:

1. Visit the official MAYFLASH website: www.mayflash.com
2. Navigate to the "Download" or "Support" section.
3. Locate the firmware update tool and instructions specifically for the MF104 adapter.
4. Follow the on-screen instructions provided by MAYFLASH to update your device.

Note: Firmware updates typically require connecting the adapter to a PC. Ensure you follow all instructions carefully to avoid damaging the device.

TROUBLESHOOTING

- **Adapter not recognized by Switch/PC:**
 - Ensure the USB cable is securely connected to both the adapter and the console/PC.
 - Try a different USB port on your console/PC.
 - For Nintendo Switch, verify that "Pro Controller Wired Communication" is enabled in System Settings.
 - Update the adapter's firmware as described in the "Firmware Update" section.
- **Controller not responding:**
 - Ensure the SEGA Genesis/Mega Drive controller is securely plugged into the adapter's 9-pin port.
 - Test the controller directly on a SEGA console if possible, to rule out a controller issue.
 - Verify the adapter is in the correct mode for your system (Switch, PC Xinput, PC Dinput) using the HOME button.
- **Buttons not mapping correctly or unexpected behavior:**
 - Check if any Turbo/Auto Fire/Hold functions are accidentally activated for specific buttons. Deactivate them if necessary.
 - Consider updating the adapter's firmware.
 - For PC, ensure your game or emulator is configured to use the correct input device and mode.

(Xinput/Dinput).

- **Left Stick and D-Pad functionality is swapped:**
 - Refer to the "Left Stick and D-Pad Switching" section in Operating Instructions to toggle this feature.

SPECIFICATIONS

Model Number	MF104
Compatible Systems	Nintendo Switch, PC Windows
Compatible Controllers	SEGA Genesis, SEGA Mega Drive controllers (9-pin D-sub)
Connectivity	USB Type-A (to console/PC), 2x 9-pin D-sub (to controllers)
Input Modes	PC Xinput, PC Dinput
Special Features	Turbo/Auto Fire/Hold functions, Left Stick/D-Pad swap
Dimensions (L x W x H)	4.49 x 1.97 x 5.59 inches (approximate)
Weight	4.8 ounces (approximate)
Manufacturer	MAYFLASH




Image: Rear view of the adapter, displaying the model number (MF104) and manufacturing information.





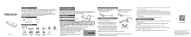
WARRANTY AND SUPPORT

MAYFLASH products are covered by a manufacturer's warranty. For specific warranty terms, duration, and to register your product, please visit the official MAYFLASH website or contact their customer support directly.

For further assistance, technical support, or inquiries, please contact MAYFLASH customer service through their official website: www.mayflash.com.

Related Documents - MF104

	<p>MAYFLASH MAGIC-NS Lite USB Wireless Adapter User Manual</p> <p>User manual for the MAYFLASH MAGIC-NS Lite, a USB wireless adapter that enables connection of various Bluetooth controllers to Nintendo Switch, PC, PlayStation 3, macOS, and other systems. Includes setup, compatibility, mode switching, vibration, and dead zone adjustments.</p>
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	<p>Mayflash MAGIC-S PRO 2 USB Wireless Adapter User Manual</p> <p>Comprehensive guide to the Mayflash MAGIC-S PRO 2 USB Wireless Adapter, covering system compatibility, controller connections, setup, firmware updates, and advanced features for gaming.</p>
	<p>Mayflash MAGIC-X USB Wireless Adapter User Manual</p> <p>User manual for the Mayflash MAGIC-X USB Wireless Adapter, detailing its compatibility, setup, and advanced functions for connecting various controllers to multiple gaming systems.</p>
	<p>MAYFLASH Arcade Stick F500 Elite User Manual and Quick Start Guide</p> <p>Comprehensive guide for the MAYFLASH Arcade Stick F500 Elite, detailing its features, operation, and connectivity with various gaming consoles and platforms including PS4, Xbox, Switch, PC, Android, and more. Includes setup instructions and button mapping.</p>
	<p>Mayflash MAGIC-NS 2 USB Wireless Adapter User Manual</p> <p>User manual for the Mayflash MAGIC-NS 2 USB Wireless Adapter, detailing system compatibility, controller compatibility, setup instructions for wired and wireless controllers, vibration intensity and dead zone adjustments, Bluetooth headset usage, software updates, and additional functions.</p>
	<p>Mayflash MAGIC-NS Lite USB Wireless Adapter User Manual</p> <p>Comprehensive user manual for the Mayflash MAGIC-NS Lite USB Wireless Adapter, covering setup, system and controller compatibility, mode switching, advanced features like vibration and dead zone adjustment, firmware updates, and troubleshooting.</p>