

Varmilo Fight King 2

Varmilo Fight King 2 Arcade Controller User Manual

Model: Fight King 2

1. INTRODUCTION

The Varmilo Fight King 2 is an advanced arcade controller designed for fighting games, featuring Cherry MX Multipoint Silver analog inductive switches and Rapid Trigger technology. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your controller to ensure optimal performance.

2. KEY FEATURES

- **Cherry MX Multipoint Silver Analog Inductive Switches:** Engineered for precision and stability, rated for 200 million keystrokes.
- **Rapid Trigger Capabilities:** Instantly resets input upon button release, allowing for faster and more precise multi-key combos.
- **Adjustable Actuation Point:** Customize each button's actuation point to match individual preferences and playstyle.
- **Varmilo Web Driver Programmability:** Easily adjust actuation points, remap buttons, and fine-tune controls without complex software installation.
- **14-Button Layout:** Optimized design with 4 movement and 10 attack buttons for accessibility and versatility in fighting games.
- **SOC D Cleaner:** Allows for setting simultaneous presses of up, down, left, and right individually, ensuring tournament compliance.
- **Lock Function:** Prevents accidental keypresses of specific buttons during intense gameplay.
- **Sound Dampening Layers:** Internal structure includes layers to reduce operational noise.
- **High Polling Rate:** 1000Hz polling rate with a response speed of 5ms or less for minimal input lag.
- **Durable ABS Case:** Features beveled edges and a 3-way cord channel for flexible cable management.
- **Included Carrying Case:** Provides portability and can be used as a support pad to adjust controller height.



**BORN FROM PASSION
BUILT UNYIELDING
HYPER RESPONSIVE
TOURNAMENT READY
ALL-BUTTON CONTROLLER**

ft. Rapid Trigger

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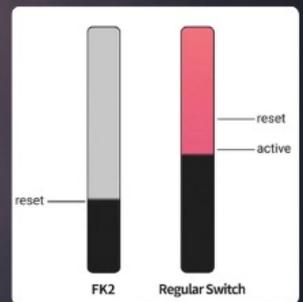
FK2 ALL-BUTTON CONTROLLER
VARMILO
ALL-STATE

Image: Varmilo Fight King 2 controller showcasing its 14-button pro player layout.

POWERED BY HYPER-RESPONSIVE CHERRY MX MULTIPOINT SILVER INDUCTIVE SWITCHES

DELIVERS LIGHTNING FAST RESPONSIVENESS, TAILOR EVERY KEYSTROKE TO YOUR EXACT PREFERENCE

CUSTOMIZE ACTUATION PERFORMANCE, BUTTON LAYOUT, TRIGGER ORDERS AND MORE IN PROPRIETARY SOFTWARE


VARMILO

Image: Diagram illustrating the difference between standard buttons and Rapid Trigger functionality, highlighting adjustable actuation and reset points.

**PRO GRADE LAYOUT
METICULOUSLY
DESIGNED IN JAPAN**

**ANTI-SLIP MAT FOR
TOTAL STABILITY
STAY IN CONTROL AT
ALL TIMES**

**INTENDED FOR USE IN
TOURNAMENTS.
LOCK FUNCTION
PREVENTS ACCIDENTAL
DISQUALIFICATIONS**



VARMILO
FIGHT KING 2

Image: Exploded view of a Cherry MX Multipoint Silver switch, emphasizing its 1.5mm lightning-fast response.

3. SETUP

3.1 Connecting the Controller

1. Locate the USB-C port on the Varmilo Fight King 2 controller.
2. Connect the provided USB-C cable to the controller.
3. Connect the other end of the USB-C cable to an available USB port on your PC or compatible gaming console.
4. The controller should be automatically recognized by your system.

3.2 Initial Configuration (Web Driver)

For advanced customization and optimal performance, utilize the Varmilo web driver. No installation is required.

1. Ensure your controller is connected to a computer with internet access.
2. Open a web browser and navigate to the official Varmilo web driver page (refer to the product packaging or Varmilo's official website for the exact URL).
3. The web driver interface will allow you to adjust settings such as actuation points, button remapping, and performance settings.

**COMES WITH DEDICATED
CASE FOR ULTIMATE
PORTABILITY & STORAGE**



**DETACHABLE TYPE-C
CONNECTIVITY WITH
RUBBER STABILIZER**



**FITS PERFECTLY INTO THE
TOP GROOVE OF CASE FOR
COMFORTABLE SUPPORT &
EASE OF USE**



VARMILO
Arcade

Image: Screenshot of the Varmilo proprietary web-based software, showing customization options for button travel, layout, and performance settings.

4. OPERATION

4.1 Basic Button Functions

The Varmilo Fight King 2 features a standard 14-button layout. The four directional buttons (up, down, left, right) are located on the left side, and ten action buttons are on the right. Refer to your game's control scheme for specific in-game actions.

4.2 Rapid Trigger and Adjustable Actuation

The Rapid Trigger feature allows for immediate input reset upon releasing a button. Combined with adjustable actuation points, you can fine-tune the sensitivity of each button. Use the Varmilo web driver to set your preferred actuation and reset points for individual buttons.

4.3 Lock Function (Tournament Lock)

The controller includes a physical switch for a 'Tournament Lock' function. This feature disables certain non-essential buttons (e.g., Start, Select, Home) to prevent accidental presses during competitive play, ensuring compliance with tournament rules.



Image: Close-up of the tri-mode switch on the Varmilo Fight King 2, indicating Game Mode, Tournament Lock, and Keyboard Mode.

4.4 SOCD Cleaning

The controller's SOCD (Simultaneous Opposing Cardinal Directions) cleaning feature ensures that simultaneous presses of opposing directional inputs (e.g., Left + Right) result in a neutral input or a specific priority, as required by competitive fighting game standards. This is handled internally by the controller.

4.5 Using the Carrying Case as a Support Pad

The included carrying case is designed with a special panel that allows it to be placed under the controller. This elevates the controller, providing an adjustable and comfortable playing height, which can be beneficial during long gaming sessions or tournaments.



Image: A Varmilo Fight King 2 controller resting on its carrying case, demonstrating how the case can be used as a support pad for height adjustment.

5. MAINTENANCE

5.1 Cleaning

- Disconnect the controller from all power sources before cleaning.
- Use a soft, dry cloth to wipe the surface of the controller.
- For stubborn dirt, lightly dampen the cloth with water or a mild, non-abrasive cleaner. Avoid excessive moisture.
- Do not use harsh chemicals, solvents, or abrasive materials, as these can damage the controller's finish.

- Use compressed air to clear debris from around the buttons and switches if necessary.

5.2 Storage

When not in use, store the controller in its included carrying case to protect it from dust, spills, and physical damage. Store in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

6.1 Controller Not Responding

- Ensure the USB-C cable is securely connected to both the controller and your device.
- Try connecting the controller to a different USB port on your device.
- Test the controller on another compatible device to determine if the issue is with the controller or the original device.
- Check the Varmilo web driver for any firmware updates that might resolve connectivity issues.

6.2 Incorrect Button Inputs

- Verify button mappings using the Varmilo web driver. Reset to default settings if necessary.
- Ensure the Tournament Lock switch is in the desired position.
- Clean around the affected buttons to ensure no debris is causing interference.

6.3 Rapid Trigger or Actuation Point Issues

- Access the Varmilo web driver to recalibrate or adjust the actuation and reset points for the affected switches.
- Ensure the controller's firmware is up to date via the web driver.

7. SPECIFICATIONS

Feature	Detail
Model	Fight King 2
Switches	Cherry MX Multipoint Silver Analog Inductive Switches
Polling Rate	1000Hz
Response Speed	5ms or less
Number of Buttons	14 (4 movement, 10 attack)
Case Material	ABS
Connectivity	USB-C (detachable)
Product Dimensions	8.83 x 12.96 x 1.06 inches
Item Weight	3.1 pounds

8. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please visit the official Varmilo website or contact Varmilo customer service. Details can typically be found on the product packaging or the Varmilo support portal online.

Official Varmilo Store: [Varmilo Store on Amazon](#)

