

## Thrustmaster 4060059

# Thrustmaster TH8A Shifter Instruction Manual

Model: 4060059

## 1. INTRODUCTION

The Thrustmaster TH8A Add-On Gearbox Shifter is a high-quality, realistic gear-shifting accessory designed to enhance the racing simulation experience across multiple platforms. Featuring robust 100% metal construction and advanced H.E.A.R.T (HallEffect AccuRate Technology), the TH8A ensures precision and durability. It supports two distinct driving styles: an "H"-pattern (7+1) and a sequential (+/-) mode, offering versatility for various racing games and preferences. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your TH8A Shifter.



Figure 1.1: Front view of the Thrustmaster TH8A Shifter, showcasing its metal construction and gear stick.

## 2. PACKAGE CONTENTS

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

- Thrustmaster TH8A Racing Shifter
- Instruction Manual (this document)
- H-pattern (7+1) shift plate
- Sequential (+/-) shift plate
- USB cable
- DIN cable
- Clamping system

## 3. KEY FEATURES

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- **Solid Metal Construction:** The TH8A is built with 100% metal components, including the internal mechanism, gear stick, and clamping system, ensuring durability and a premium feel.

- **H.E.A.R.T HallEffect AccuRate Technology:** This patented contactless magnetic sensor technology provides precision that does not diminish over time. The absence of tact switches or potentiometers results in an unlimited product lifespan.
- **Dual Shifting Modes:** Easily switch between two distinct driving styles: an "H"-pattern (7+1) gearbox and a sequential (+/-) shifter.
- **Adjustable Resistance:** The resistance felt when shifting gears can be adjusted to suit individual preferences.
- **Adjustable Shift-Plate and Clamping System:** Both the shift-plate position and rotation, as well as the clamping system position and rotation, are adjustable by 360 degrees for optimal setup.
- **Versatile Mounting:** The clamping system is optimized for various surfaces, including tables and shelves (1 to 55 mm thickness). Built-in screw threads and a removable clamping system also allow for cockpit mounting.
- **Firmware Upgradable:** The device's firmware can be updated, and internal memory allows for adjustable gearshift travel via software available for download on PC.

## 4. SETUP AND INSTALLATION

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### 4.1 Mounting the Shifter

The TH8A Shifter can be mounted to a table, shelf, or a racing cockpit. The clamping system accommodates surfaces from 1 mm to 55 mm (0.04" to 2.17") in thickness.

1. Place the TH8A Shifter on your desired surface.
2. Adjust the clamping system's position and rotation as needed.
3. Tighten the clamping screw until the shifter is securely fastened.
4. For cockpit mounting, utilize the built-in screw threads after removing the clamping system.





Figure 4.1: The TH8A Shifter securely mounted and in use within a racing setup.

## 4.2 Connecting the Shifter

The TH8A Shifter connects differently depending on your gaming platform.

- **PC (Windows 7/8/10):** Connect the TH8A directly to your PC using the provided USB cable. The shifter is compatible with all racing wheels on the market when used with PC.
- **PlayStation (PS3/PS4/PS5/PS5 Pro):** Connect the TH8A to a compatible Thrustmaster racing wheel (e.g., T500RS, Ferrari F1 Wheel Integral T500, T300RS, T300 Ferrari GTE, T150 Series, T-GT) using the DIN cable. The shifter must be connected to the wheel, not directly to the console.
- **Xbox One/Xbox Series X/S:** Connect the TH8A to a compatible Thrustmaster racing wheel (e.g., TX Racing Wheel, TMX Series, TX Series, TS-XW Series) using the DIN cable. The shifter must be connected to the wheel, not directly to the console.

## 5. OPERATING MODES

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The TH8A Shifter offers two distinct operating modes: H-pattern and Sequential. You can switch between these modes by changing the shift plate.

### 5.1 H-Pattern (7+1) Mode

The H-pattern mode simulates a traditional manual gearbox with 7 forward gears and 1 reverse gear. This mode is ideal for realistic simulation of road cars and classic racing vehicles.

1. Ensure the H-pattern shift plate is installed.
2. Engage gears by moving the gear stick into the corresponding gate.



3. The adjustable resistance allows you to customize the feel of each shift.



Figure 5.1: Detailed view of the TH8A Shifter's H-pattern gate, showing gear positions.

## 5.2 Sequential (+/-) Mode

The sequential mode allows for rapid upshifts and downshifts by simply pushing the gear stick forward (+) or pulling it backward (-). This mode is commonly used in rally, touring car, and formula racing simulations.

1. Ensure the sequential shift plate is installed.
2. Push the gear stick forward for an upshift (+).
3. Pull the gear stick backward for a downshift (-).



Figure 5.2: The TH8A Shifter configured for sequential shifting, with a user's hand demonstrating operation.

## 6. MAINTENANCE

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### 6.1 Firmware Updates

Thrustmaster periodically releases firmware updates to improve performance and add new features. It is recommended to keep your TH8A Shifter's firmware up to date.

- Visit the official Thrustmaster support website.
- Navigate to the TH8A product page and download the latest firmware and drivers for PC.
- Follow the instructions provided with the firmware update utility.

### 6.2 General Care

To ensure the longevity of your TH8A Shifter:

- Clean the shifter regularly with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- Do not expose the device to extreme temperatures or humidity.
- Avoid dropping or subjecting the shifter to strong impacts.

## 7. TROUBLESHOOTING

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If you encounter issues with your TH8A Shifter, consider the following:

- **Shifter not recognized:** Ensure all cables are securely connected. For console use, confirm the shifter is connected to a compatible Thrustmaster racing wheel, not directly to the console. On PC, ensure drivers are installed and firmware is up to date.
- **Incorrect gear detection:** Verify that the correct shift plate is installed for your desired mode (H-pattern or sequential). Check for any physical obstructions around the gear stick.
- **Loose mounting:** Re-tighten the clamping system or check cockpit mounting screws.

- **Performance issues:** Ensure your racing wheel's drivers and firmware are also up to date, as the shifter's performance can be dependent on the wheel's software.

For further assistance, refer to the official Thrustmaster support website or contact their customer service.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	4060059
Construction Material	100% Metal (internal mechanism, gear stick, clamping system)
Technology	H.E.A.R.T (HallEffect AccuRate Technology) with contactless magnetic sensors
Shifting Modes	H-pattern (7+1) and Sequential (+/-)
Adjustability	Adjustable resistance, 360-degree adjustable shift-plate position/rotation, 360-degree adjustable clamping system position/rotation
Mounting Thickness	1 to 55 mm (0.04" to 2.17") for tables/shelves
Connectivity	USB (PC), DIN (Thrustmaster racing wheels for consoles)
Product Dimensions	10.91 x 6.89 x 13.19 inches
Item Weight	5.16 pounds
Release Date	April 22, 2016
First Available	August 7, 2012

## 9. COMPATIBILITY

The TH8A Shifter is designed for broad compatibility across various gaming platforms and Thrustmaster racing wheels.

- **PC (Windows 7/8/10):** Compatible with all racing wheels available in the video game accessories market. Connect via USB.
- **PlayStation (PS3, PS4, PS5, PS5 Pro):** Compatible with Thrustmaster T150 Series, T300 Series, T500RS, Ferrari F1 Wheel Integral T500, T300 Ferrari GTE, and T-GT racing wheels. Connect via DIN cable to the wheel.
- **Xbox One/Xbox Series X/S:** Compatible with Thrustmaster TMX Series, TX Series, and TS-XW Series racing wheels. Connect via DIN cable to the wheel.



Figure 9.1: Diagram illustrating the Thrustmaster Racing Sim Ecosystem, highlighting the compatibility of the TH8A Shifter with various Thrustmaster racing wheels and pedals.

## 10. SUPPORT AND WARRANTY

For technical support, driver downloads, firmware updates, and detailed warranty information, please visit the official Thrustmaster support website. Keep your proof of purchase for warranty claims.

### Online Resources:

- Thrustmaster Official Website: [www.thrustmaster.com](http://www.thrustmaster.com)
- Support Section: Look for drivers, firmware, and FAQs specific to the TH8A Shifter.

### Related Documents - 4060059

USER MANUAL

MANUEL DE L'UTILISATEUR

MANUALE D'ISTRUZIONI

MANUAL DEL USUARIO

MANUAL DO UTILIZADOR

PROVEDENÍO INSTRUCCIONES

ET PÉRIODES

UTILLANZA ALABO

UTILLANZA ALABO

TH8A

ADD-ON SHIFTER

[Thrustmaster TH8A Add-On Shifter User Manual](#)

Comprehensive user manual for the Thrustmaster TH8A Add-On Shifter, detailing installation, setup across PlayStation, Xbox, and PC platforms, features, and troubleshooting guidance for an enhanced sim racing experience.



