

## Thrustmaster 4060121

# Thrustmaster T-LCM Pedals Instruction Manual

Model: T-LCM Pedals (4060121)



## 1. INTRODUCTION

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This manual provides essential information for the setup, operation, and maintenance of your Thrustmaster T-LCM Pedals. These pedals are designed for high-precision racing simulation, featuring magnetic sensors and Load Cell force sensor technology for enhanced accuracy and durability.



*Figure 1: Thrustmaster T-LCM Pedals, front view.*

## 2. WHAT'S IN THE BOX

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Your Thrustmaster T-LCM Pedals package includes:

- Thrustmaster T-LCM Pedals unit
- Instruction manual
- Set of 6 springs for brake force adjustment
- USB cable for PC connection
- RJ12 cable for direct connection to a Thrustmaster racing wheel base

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*Video 1: Unboxing and overview of the Thrustmaster T-LCM Pedals, showing included components and initial setup.*

## 3. KEY FEATURES

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- **Magnetic Sensor Technology:** Utilizes H.E.A.R.T (HallEffect AccuRate Technology) for high-precision acceleration and clutch, ensuring unlimited lifespan and optimal accuracy without contact or potentiometers.
  - **Load Cell Force Sensor:** The brake pedal features Load Cell technology, providing up to 220 lb (100 kg) of pressure for precise braking control.
  - **Adjustable Mechanical Brake Force:** Includes a set of 6 springs for quick and varied adjustments to the brake pedal's mechanical resistance.
  - **Independently Adjustable Pedals:** Customize the spacing and inclination of all three pedals (accelerator, brake, clutch) for personalized comfort.
  - **Calibration Software:** Dedicated software allows fine-tuning of brake force and dead zones for all pedals.

## 4. SETUP

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### 4.1. Physical Connection

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The T-LCM Pedals offer two connection methods:

- **Direct to PC (USB):** Connect the pedals directly to your PC using the provided USB cable. This method provides the full 16-bit resolution for maximum precision.
- **Direct to Wheel Base (RJ12):** Connect the pedals to a compatible Thrustmaster racing wheel base using the provided RJ12 cable. This method offers 12-bit resolution.



*Figure 2: Rear view of the pedal set, highlighting the USB and RJ12 connection ports.*

## 4.2. Pedal Adjustments

The T-LCM Pedals allow for extensive customization to suit your driving style and comfort:

- **Pedal Spacing:** The position of each pedal can be adjusted horizontally.
- **Pedal Inclination:** The angle of each pedal can be modified.
- **Brake Force:** The brake pedal's resistance can be adjusted using the included set of 6 springs (various stiffness levels) and rubber inserts.



*Figure 3: Top-down view illustrating the adjustable pedal plates for spacing and inclination.*



Figure 4: Front view of the pedals, showing overall width (330mm / 13 inches) and height (220mm / 8.66 inches).





Figure 5: Side view of the pedals, showing overall depth (380mm / 14.96 inches).

### 4.3. Mounting

The pedal set includes a drilling template to assist with mounting to a racing cockpit or custom setup. Ensure the pedals are securely fastened to prevent movement during use.

## 5. OPERATING INSTRUCTIONS

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### 5.1. Initial Use

Once connected, the pedals should be recognized by your PC or console. For optimal performance, especially on PC, ensure the latest drivers and firmware are installed from the Thrustmaster website.

### 5.2. Software Calibration

Utilize the dedicated calibration software (available for download from Thrustmaster's official website) to:

- Adjust the brake force sensitivity.
- Set dead zones for the accelerator, brake, and clutch pedals.

These adjustments allow for a personalized and precise driving experience.

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your T-LCM Pedals:

- Regularly clean the pedal surfaces and base with a soft, dry cloth.
- Avoid using abrasive cleaners or solvents.
- Inspect cables for any signs of wear or damage.
- Ensure the pedals are stored in a dry environment away from extreme temperatures.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pedals not recognized by game/system (PC)	Outdated drivers/firmware, game compatibility issues, incorrect connection.	<p>Ensure latest drivers and firmware are installed from Thrustmaster's website.</p> <p>If connecting via USB, try connecting directly to a different USB port.</p> <p>If connecting via RJ12 to a wheel base, ensure the wheel base is properly connected and recognized.</p> <p>Some games may require specific configuration or may not fully support direct USB pedal connections. Try connecting via the RJ12 cable to your wheel base if direct USB is problematic for a specific game.</p>
Inaccurate or inconsistent pedal input	Calibration issues, physical obstruction, worn components (less likely with magnetic sensors).	<p>Recalibrate pedals using the Thrustmaster calibration software.</p> <p>Check for any debris or obstructions around the pedal mechanisms.</p> <p>Ensure springs are correctly installed and not damaged.</p>
Brake pedal too stiff/soft	Incorrect spring configuration.	Adjust the brake pedal's mechanical resistance by changing the springs and/or rubber inserts as detailed in the setup section.

## 8. SPECIFICATIONS

- **Model Number:** 4060121
- **Dimensions:** 18.5 x 17 x 12.5 inches
- **Item Weight:** 5 pounds
- **Manufacturer:** Thrustmaster
- **Release Date:** March 26, 2020
- **Compatibility:** PS5, PS4, Xbox Series X/S, Xbox One, PC
- **Sensor Technology:** H.E.A.R.T (HallEffect AccuRate Technology) magnetic sensors (accelerator, clutch), Load Cell force sensor (brake).
- **Brake Force:** Up to 220 lb (100 kg)
- **Resolution:** 16-bit on PC (via USB), 12-bit on console (via RJ12 to wheel base)



9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Thrustmaster website. For technical support, driver downloads, and further assistance, please visit the [Thrustmaster Store](#) or their official support portal.

Related Documents - 4060121

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<div><div>THRUSTMASTER®</div><div>FERRARI 488 GT3 WHEEL ADD-ON</div><div>PC (Windows 10/11) PS4™ / PS5™ Xbox Series / Xbox One</div><div>User Manual</div><div><div>ⓘ</div><div>Carefully read the instructions provided in this manual <b>before</b> installing the product, <b>before</b> any use of the product and <b>before</b> any maintenance. Be sure to follow the safety instructions. Failure to follow these instructions may result in accidents and/or damage. Keep this manual so that you can refer to the instructions in the future.</div></div></div>	<p><a href="#">Thrustmaster Ferrari 488 GT3 Wheel Add-On User Manual</a></p> <p>Comprehensive user manual for the Thrustmaster Ferrari 488 GT3 Wheel Add-On, covering installation, features, mapping, LED operation, customization, and technical support for PC, PS4/PS5, and Xbox.</p>