# ΤΞΚΤRΛΜΛ



# SHIFTMASTER PRO User Manual

**User Manual Version 1.1** 

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## 1 What's Included in the Package

- 1x ShiftMaster PRO
- 1x Type-C Cable
- Mounting Hardware:
  - 2x M4 16mm bolts
  - 1x Double Arm Mount
  - 2x Single Arm Mount

### 2 Software Integration

### 2.1 SimHub

#### 2.1.1 Program Setup

To get your ShiftMaster PRO device working, **you need to download the SimHub program onto your computer from the official website.** 

During SimHub installation, you might need to install **additional drivers**. It's crucial for smooth operation, so be sure to do so if prompted.

Click here for the official SimHub page.

If you've already got it, **make sure it's the latest version**. If not, be sure to **update it to ensure compatibility**.

You can check the SimHub version in the bottom left corner



When in-game, make sure SimHub is properly connected to telemetry by looking at the SimHub "dashboard" tab.

#### 2.1.2 Connecting the ShiftMaster PRO

Now that you've downloaded and correctly Installed **SimHub**, it's time to connect the product.

The ShiftMaster Pro is basically **plug and play**, but needs some little things to be able to work properly.

1. Begin by opening Simhub and navigating to the "Arduino" Tab.



2. Next, locate and click on the "**My Hardware**" subsection within the Arduino Tab.



3. Ensure to activate the "Multiple Arduino" option to enable compatibility with your ShiftMaster PRO.



4. Double-check to ensure that all serial ports are enabled for device discovery.



- 5. Now, proceed to connect your ShiftMaster PRO to your computer.
- 6. Upon successful connection, the ShiftMaster PRO should automatically appear in the Simhub interface and display as "Connected."

Before using your arduino you must upload the sketch More infos									
Open arduino setup tool									
MULTIPLE ARDUINO SETTINGS									
ShiftMaster PRO Unique ID : 88486666-6192-4404-117a-5e69782d9e35	Connected C								
RGB Leds from 1 to 6									
Apply changes Clear all devices and scan Scan for new devices only	TIP : Order matter	s ! You can reorder arduinos by dragging them using							
ARDUINO SCAN SETTINGS		DEVICES SCAN							
Scan all serial ports Scan only selected ports Never scan selected ports		10:50:12 COM8	Connected						
	Apply	10:50:12 COM13	Unrecognised						
		10:50:12 COM9	Unrecognised, Invalid version						
		10:50:12 COM10	Unrecognised						
		10:50:12 COM15	Unrecognised						
		10:50:12 COM1	Unrecognised, Invalid version						

In case you're using a USB Hub and encounter recognition issues, try connecting the device directly to your computer's USB port instead of the hub.

Now your device is correctly connected, a little configuration is required for the LEDs and gear display to make the most of it.

#### 2.1.3 RGB Leds Configuration

RGB LEDs can prove extremely useful in racing and can be customized in every way possible. To help you get a great experience with ShiftMaster PRO right out of the box, we've created an LED profile that already has everything configured for you.

1. Please pay close attention to the arrangement of your Arduinos and their respective LEDs, noting that the ShiftMaster PRO features a total of six RGB LEDs (For example, RGB LEDs numbered from 1 to 6).

Before using your arduino you must upload the sketch More infos										
Open archuino setup tool										
MULTIPLE ARDUINO SETTINGS										
ShiftMaster PRO       Unique ID: 8884666 492:4404-a17a-566778249x35       RGB Leds from 1 to 6	Connected									
Apply changes Clear all devices and scan Scan for new devices only TIP : Order matters I You can reorder arduinos by dragging them using 🗒										
ARDUINO SCAN SETTINGS	DEVICES SCAN									
Scan all serial ports  Scan only selected ports Never scan selected ports	10:50:12 COM8	Connected								
Арріу	10:50:12 COM13	Unrecognised								

2. Navigate to "RGB LEDs" in the Arduino tab.

🙉 s	imHub - IRacing							<b>\$</b>	Day 🕨 Live	🛓 ሷ Replay ( Recon	d ☆ _	⊐ ×
≡		Arduino										
G	Dashboard		RGB Leds	RGB Matrix	Screens	TM1638 Leds	Display & Alerts	Gauges	Controls	My Hardware		
	Car settings	MANAGE YOUR	RGB LEDS									
ψ	Devices	Shift!	Master PRO V3.0							<b>*</b>	100	1%
$\bowtie$	Statistics											
@	Dash Studio											
	Arduino	to Settings								+ Add effect	🛛 Add group	
<del>.</del>	Shakelt Wind	EFFECT	GROUP							_		<b>•</b>
(())	Shakelt Bass Shakers	ShiftMaste	er PRO V3.0									
(()))	Shakelt Motors											
ψ	Custom serial devices											
(==)	Leoxz SimBridge											

3. Click on "Profile Manager" and then on "Import Profile".





- 4. Import the provided ShiftMaster PRO LED profile.
  - (a) Select the file provided that contains your LED profile and click "Open".
  - (b) Your led profile should have been imported

If you have not yet downloaded the Leds Profile, you can download it by clicking **HERE**.

5. Set the "Start position" in the "Effect Group" folder as the first led of the ShiftMaster PRO in the My hardware section



6. Enable/disable led animation as needed.

⊙ ■ EFFECT GROUP ShiftMaster PRO V30	
Start position 1 + -	Content stacking : Left to right Layered
C C FFECT GROUP ■ © © 5 Sync RPMs	
⊙ ¥ GREEN FLAG ON Generates a static effect when the Green flag is ON	
⊘ ★ YELLOW FLAG ON Generates a static effect when the Yellow flag is ON	
👝 🎿 SPOTTER CAR RIGHT	

7. If you want, you can customize Leds animations. Do it with caution as order matters, the bottom ones overrides the top ones.

8. Test LEDs with SimHub's tester to ensure consistency, check that what you see on SimHub is the same as in your ShiftMaster PRO



# Now your leds are ready!

### 2.1.4 Gear Display Configuration

Once the product has been connected, the gear display system is ready for operation, **No configuration is required.** 

You can **customize** the blinking behavior of the gear display. **By default, the gear display blinks when you reach your car's redline.** 

You can **turn off** this animation to prevent the gear display from blinking by following these steps:

1. Begin by opening Simhub and navigating to the "Arduino" Tab.



2. Next, locate and click on the "**Display & Alert**" subsection within the Arduino Tab.



3. Uncheck the box marked in red.

Arduino										
	RGB Leds	RGB Matrix	Screens	TM1638 Leds	Displa	ay & Alerts	Gauges	Controls		
SINGLE COLOR	MATRIX GEAR II	NDICATOR			SEVEN SEGMENT MODULES					
Matrix brightness				Main intensity 7 + -						
	I			- 7+-	#	BRIGHTNESS	ORIENTATION			
Matrix orientation	Landscape (270°)	<b>-</b>	•		#1	7 + -	Reverse disp	lay		
matrix orientation	canascape (croy)				#2	7+-	Reverse disp	lay		
Matrix Font	custommatrixfont8x8				#3	7+-	Reverse disp	lay		
Matrix redline b	olink				#4	7 + -	Reverse disp	lay		
Clear when out	of game (otherwise sh	ow as neutral)			#5	7+-	Reverse disp	lay		
					#6	7 + -	Reverse disp	lay		
SEVEN SEGMEN	NTS GEAR INDIC	ATOR			#7	7 + -	Reverse disp	lay		
7 segment gear	r indicator redline blink	dicator redline blink			#8	7 + -	Reverse disp	lay		
					#9	7 + -	Reverse disp	lay		
ALERTS					#10	7 + -	Reverse disp	lay		
Screen display appo		ic + -			#11	7 + -	Reverse disp	lay		

Now the gear display will stop blinking when you reach the redline.

# **IMPORTANT NOTE:**

The gear display turns on automatically when you start driving your car after starting the game.

### Please be aware that the gear display will NOT turn on when using the SimHub tester or something similar; it will only activate while being actively in-game.

# 3 Contact Us

### Thank you for choosing TekTrama!

We hope your new device greatly improves your simracing experience!

We have tried to put everything important in this user manual and hope that it has been useful.

**Every single product is manually tested before shipping**, but if for some reason you encounter problems installing the product after following the guidelines, don't worry! **Contact us whenever you want.** 

Your satisfaction is our top priority and we are here to help you further.

### **GET IN TOUCH**

Instagram Page: Link Official Community Discord: Invite Link Email: info@tektrama.com

# LEAVE A REVIEW

If you're enjoying your product, we'd love to hear about it! **Your review** can provide valuable feedback for our team.

Whether you've had a positive experience or have suggestions for improvement, **your honest review is greatly appreciated!** 

Leave a review clicking here.

Thank you!