

SIMAGIC

DS-8X SHIFTER USER MANUAL (VERSION V1.1)

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DS-8X Shifter

Welcome to the Direct Drive Revolution





Dreams of Racing Fueled By Passion

Coming from modest backgrounds, but infected by the need for speed.

Although we had some talent in real life racing, the lack of funds to fuel that passion was not enough to satisfy our addiction as real life motorsports was and is still beyond the reach of many. We were however determined to find ways to improve our skills and make practice effective yet affordable.

So it started with us asking ourselves, "How do we find ways to satisfy this goal in the most immersive ways?"

In 2018, fueled by this passion and armed with advanced degrees in engineering and control systems, SIMAGIC was born.

We went about developing the kind of wheel base we wanted and needed... it had to be a direct drive for unmatched realism, yet, affordable. Easy to use and built with high quality components to last. Real carbon fiber, real metal where possible; high quality components, no compromise. After all, we were in Shenzhen, the Silicon Valley of the East, factory to the world, the talent, resources, were all here. While we were at it, we thought to ourselves, why not make it just like real race cars with a motorsports grade QR system. It's never been done before so we had to develop new ways of power delivery and data communication to do this. The result is the much loved and flatteringly imitated QR system and 2.4G wireless communications system that have become so familiar in sim today.

Aug 2018, The M10 was introduced to the world and it catapulted SIMAGIC into the consciousness of sim racers all over. SIMAGIC became the subject of memes...

It has been 3 years since and what followed after were GT Wheel Series, FX wheel series, a Servo Base series, Pedals, Sequential Shifter, handbrake and more, the SIMAGIC ecosystem is only just the beginning.

3 years is neither short nor long. Short for the amount of innovation and products that we have developed, long enough to have proven that we are here for the long haul and our products have stood the test of time and our commitment to all who have believed in us.

One thing remains unchanged, we started with motorsports as a passion and we will continue to drive this point in every product we develop and every innovation we come up with. Everything we do is benchmarked and tested by real drivers who believe in the art of sim as a tool for real life driving. We will continue to commit ourselves to being the choice of real drivers and those who strive to be one. This will always be the one thing that sets us apart from everyone else. The game just got seriously fun...so KEEP RACING!

2.1 Overview

* 6+2+R+SQ

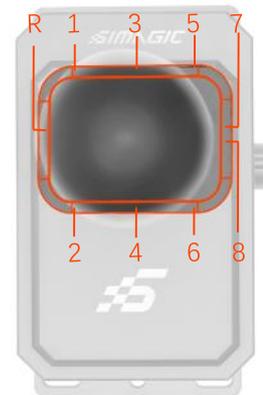
Clever layout to suit many driving scenarios.

8 forward gears and 1 reverse gear

make driving a satisfying experience without limiting car models

Pull-out gear lock

ensures that gears 7, 8, and R are not incorrectly engaged.



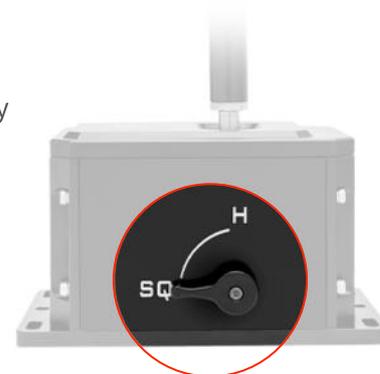
* Dual Mode Switching

Switch between Sequential Mode and H-shifter Mode quickly and easily with ONE button,

no complex operation required.

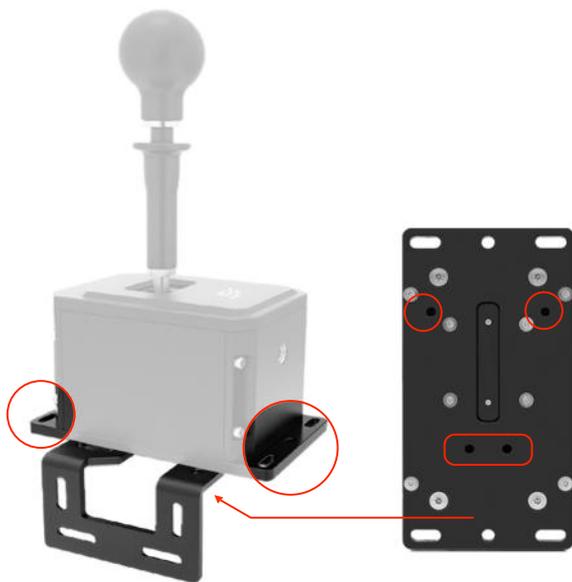
An authentic and precise gearshift experience

meets diverse needs by ensuring flexibility and comfort.



* Multiple Installation Methods

Side mounting can be achieved with the optional L-plate bracket, sold separately.



* Go Beyond DS-8X

Plug and play via a Type-C USB socket, no driver software required, compatible with third-party gear knob replacements.



* Convenient Strength Adjustment

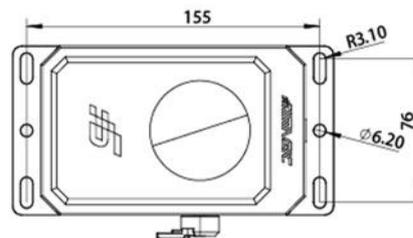
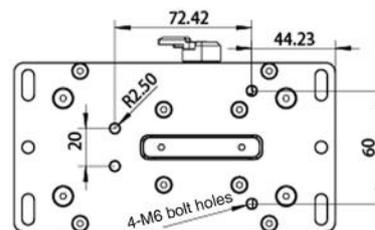
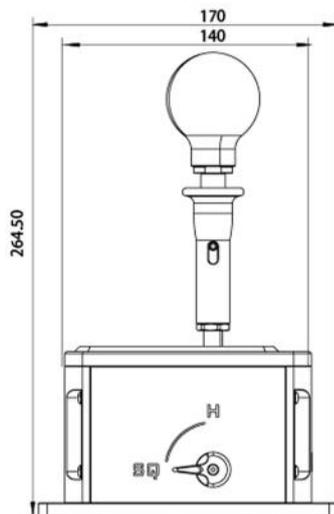
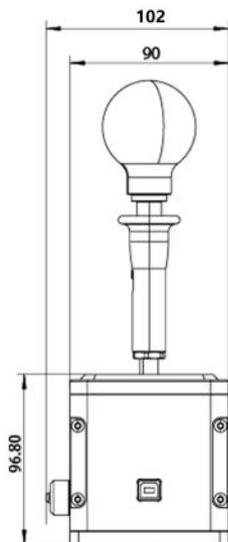
Adjustable Strength, Enhanced fatigue resistance provides long-lasting elasticity.

* Replaceable Gear Knobs

Multiple types of gear knobs are available to meet everyones needs, making exceptional performance possible.



2.2 Specifications



Hole Spacing Layout (mm)

Length: 170mm

Height: 264.5mm

Width: 102mm

Weight: 2kg

2.3 Technical Introduction

	Precision CNC machining, steel core
	Easily switch between sequential and H-Pattern modes
	Multi-gear switching, 8 forward gears, 1 reverse gear
	Error-proof design, prevents incorrect gear engagement on 7, 8, R
	Adjustable strength with enhanced fatigue resistance provides long-lasting elasticity
	Multiple types of gear knobs are available to meet everyone's needs
	Multiple mounting options, including side mounting
	Plug and play, no driver software required
	Compatible with third-party gear knob replacements

3.1 Download the Software

Scan the QR code to download the Driver Software

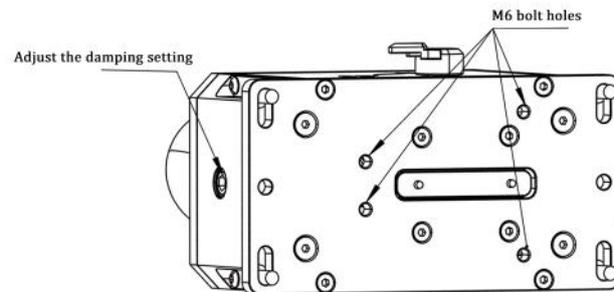
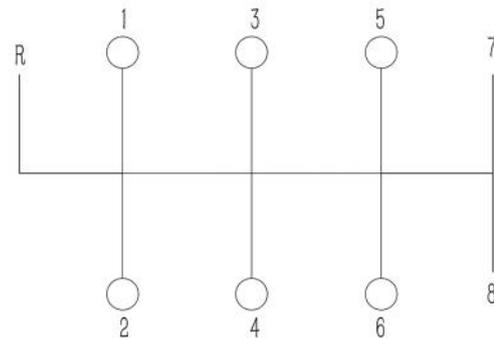
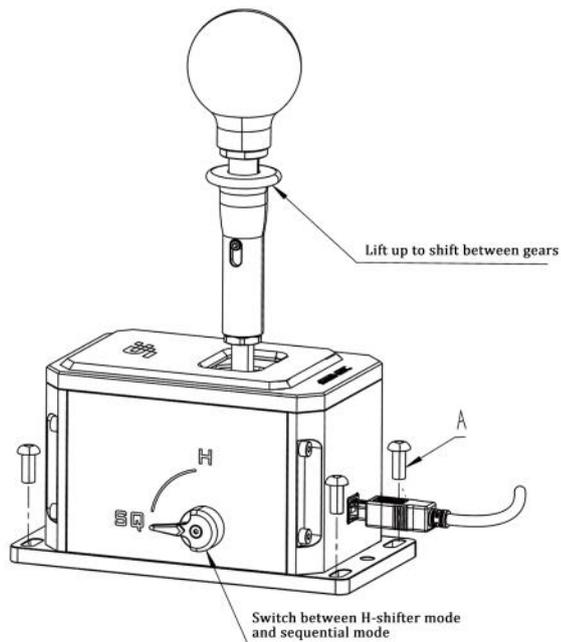


Click on the link below to download the Driver Software:

<https://www.simagic.com/download>



A. Round Head Bolt M6-14 X4



Install the P-DFT on a DS-8X Shifter



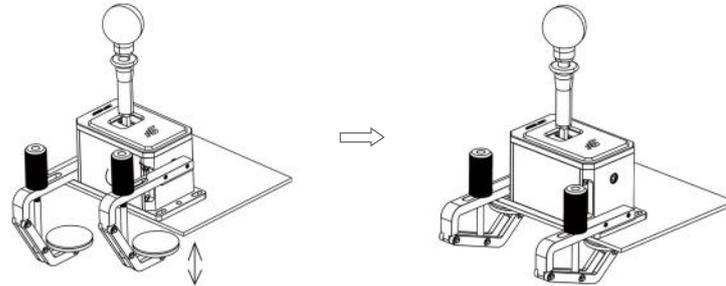
Round Head Bolt M6-14 X4



Multifunctional L Shaped Bracket X 1

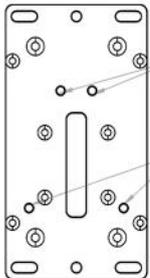


Multifunctional Desk Fixture X2



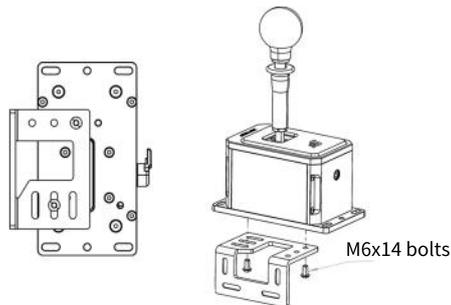
Install the P-LOK on a DS-8X Shifter

Base plate of
the Shifter

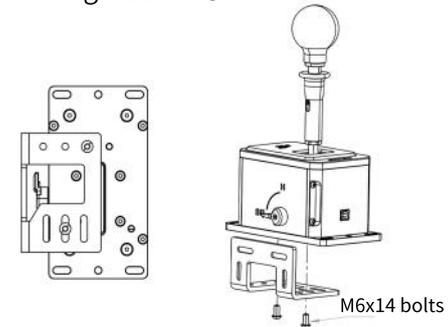


M6 bolt mounting
hole sizes should not
exceed 20mm.

Mounting Method①



Mounting Method②



Safe Operation

- * **Power-on instruction: before turning on the power, make sure that the power cord is connected to the wheelbase. Only unplug the power cord when the wheelbase is switched off.**
- * It is strictly forbidden to expose the device and its power supply to rain or humidity in order to avoid short circuit and electric shock that may cause device malfunction and fire.
- * Desired temperature of operation is 15°C-35°C.
- * The recommended operation time of the wheel with continuous force feedback activity is 1 hour. Excessive use may cause health risks. We suggest taking a 5-minute break every 20 minutes. Do not drive for more than 2 hours a day.
- * Although this product has force feedback configuration, children under 13 years old must be under parental supervision to complete the configuration. Parental guidance is required to monitor children's use of the device.
- * This product contains small pieces and is not suitable for children under 13 years old to use alone.
- * When you use it for the first time, please adjust the force feedback from minimum to a level you are accustomed to.
- * In the game, if the Force Feedback previously set is beyond your control, please stop the game immediately and adjust the force feedback parameters.
- * The wheelbase contains components that cannot be repaired by the user. Opening the casing is forbidden and may cause harm to people or property.
- * Do not open the casing of the device, as it will void the warranty.

Electrical Safety

- * Use only the power supply and power cord that came with your wheelbase, which is important to protect your safety, rights, and interests.
- * Do not use a non-standard power supply and power cord.
- * To ensure safety, replacements may only be issued from an authorized repair center.
- * Do not use non-standard power sources, even if the voltage and frequency appear acceptable.
- * To avoid product damage, use only AC power with a standard wall socket.
- * Do not expose your wheelbase to sources of heat.
- * Unplug the power cord of your wheelbase when unused for long periods of time.
- * If the wheelbase is found to have any malfunctions, stop using it immediately and contact SIMAGIC Official or authorized center for help.
- * Please subscribe to SIMAGIC official website and social platforms for any update regarding product information.

 *** This product is only limited to simulation driving related activities. Please distinguish simulation games from reality and drive safely!**

Included



USB data cable



Screw kit
Allen Key (4mm/6mm)



Tweezer



Warranty Card

Optional



P-Q1-P Long Handle



Round Shift Knob



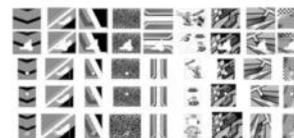
Tapered Shift Knob



Multifunctional
L-Shaped Bracket



Multifunctional Desk Fixture



SIMAGIC Stickers for DIY

A One-year Limited Warranty is offered on SIMAGIC products. SIMAGIC guarantees that this Product is free of defects in materials or workmanship under normal use during the Limited Warranty Period.

This Limited Warranty Period commences from the date of purchase. The buyer must retain the warranty card and receipt, which will be required by your Purchase Site or SIMAGIC Authorized Distributors, as a condition of receiving warranty service. The buyer is guaranteed a warranty repair service within the Limited Warranty Period.

During the Limited Warranty Period, SIMAGIC will, at its sole discretion, repair or replace any defective parts or components of the Product.

Obtaining Warranty Support

SIMAGIC products are sold through a distribution network. The network is built upon careful selection of reliable distributors to provide valuable services to the customer, including providing after-sales service for hardware issues, helping optimize gaming experiences, and connecting with SIMAGIC HQ.

1. To request a Warranty service, please contact the Authorized Distributor you purchased from.
2. When purchasing from a second-hand dealer, make sure to obtain the warranty card and receipt from the dealer.

Any product that is NOT originally sold by a SIMAGIC Authorized Distributor will automatically be excluded from the Limited Warranty Service.

Many unauthorized resellers do not fully disclose the risks associated with buying from them.

Please be cautious when making your purchase.

Check the Official Distributor list for reference: <https://www.simagic.com/experience?typ=0>

For more information on after-sale or warranty service, please check out our Terms and Conditions at SIMAGIC.COM or contact us @simagicofficial via social media platforms like instagram and Facebook.

- * This product has strong force feedback strength and contains small parts. Children are forbidden to use the device without parental guidance.
 - * Please turn off the button and power supply to prevent accidents.
 - * Anyone trying to use your device for the first time must be instructed and monitored by you the owner.
 - * Loose clothing and easily tangled objects such as hair, cables, and skirts should be kept away from the device.
 - * Your SIMAGIC DDW is ready to use after being unboxed. We make sure the firmware is updated to the latest version when it leaves the factory. For more information regarding software update, please refer to the SIMAGIC website and follow us on Twitter, Facebook, and Instagram @Simagicofficial.
 - * Users MUST wait for 1 hour before driving a car if they had been using the device.
 - * This instruction manual is for demonstration purposes only, not for marketing purposes. It is a general instruction of a single product (including the relevant series products). Please refer to the actual item for your purchase.
 - * The product images and contents shown above are for demonstration purposes only. The actual products may vary slightly in terms of the external design (including but not limited to appearance, colors, and sizes) and the content display (including but not limited to backgrounds, UIs, and pictures). Please check the actual products for reference.
 - * The test data above are all sampled from the SIMAGIC test laboratory and may not reflect the actual performance due to conditions of use and environmental factors. Please refer to the actual user experience for performance evaluation.
 - * The above contents, such as descriptions and images, are subject to changes. SIMAGIC may adjust relevant contents to provide more accurate product information, specification, and feature description at any time based on the actual products in terms of performance, specification, index, and other information. Sometimes, the product supply may fluctuate due to unforeseen problems happening in the process of batching or delivery. In that case, SIMAGIC may change relevant descriptions and images as needed without notification. Please refer to official channels for the latest information.
- * **Note: Documents like product manuals are written based on SIMAGIC products as supplements. Please download the relevant documents at approved channels for the security of users' legitimate interest.**



Official website: www.simagic.com
International media platform: SIMAGIC official

This manual is updated without notice.

The latest manual and any SIMAGIC related information can be found on the official website .
If you have any questions and/or suggestions about this instruction manual or SIMAGIC products,
please contact us through the information channel.