

CONSPIT 300 GT



The 300 GT introduces a groundbreaking combination of CONSPIT's proprietary technologies, built upon a race-grade carbon fiber lightweight structure. It integrates cutting-edge ergonomics, optimized control layouts, and unique interactive control-display feature, creating a new vision of practical aesthetics for sim racing.

Race-Grade Carbon Fiber Structure

- 3D True Carbon Fiber Front Panel + High-Strength Aluminum Alloy Main Body in a precision interlocking design

- **1150g** ultra-lightweight and rigid construction offers extremely low rotational inertia and high torsional rigidity, minimizing interference with force feedback details.



Comparison of Weights of Similar Products			
Product Name	Weight (Excluding QR)	Front Cover Material/Process	Rear Cover Material/Process
CONSPIT 300 GT	1150g	3D Molded Carbon Fiber	Aluminum Alloy
Simagic GT Neo (All-Plastic, No Screen)	1100g	Composite Plastic	Composite Plastic
Simagic FX Pro	1750g	Flat Carbon Plate	Aluminum Alloy
Moza KS (All-Plastic, No Screen)	1220g	Composite Plastic	Composite Plastic
Moza FSR V2	1200g	Flat Carbon Plate	Aluminum Alloy
FANATEC CLUBSPORT FORMULA V2.5x (No Screen)	1250g	Flat Carbon Plate	Plastic
ASCHER-RACING McLaren ARTURA PRO (No Screen)	1520g	Aluminum Alloy	Aluminum Alloy

3D True Carbon fiber Front Cover

- The front housing is crafted from T-300 carbon fiber prepreg, weighing just 43 grams and offering tensile strength up to **16 times** that of carbon fiber composite injection molding.

- **12-layer** prepreg lamination structure, utilizing the same Compression Molding Carbon Fiber Process proven in Le Mans-level racing.



Some Mechanical Properties of the Carbon Fiber Front Panel:			
Density	1.6	g/cm ³	
Tensile Strength	1820	MPa	ASTM D-3039
Tensile Modulus	140000	Mpa	ASTM D-3039
Flexural Strength	1790	Mpa	ASTM D-790

High-strength Aluminum Alloy Main Body

- The rear housing is made from high-strength aluminum alloy, injection molded as one piece and CNC machined for precision.

- Optimized for **maximum rigidity, strength,** and **222 grams lightweight** performance.

Professional Controls, 110-key Fully Customizable Layout

The 300 GT supports up to **110** independent button outputs, fulfilling the needs of the most professional in-game controls and in-car adjustments.



8 Customizable RGB Buttons

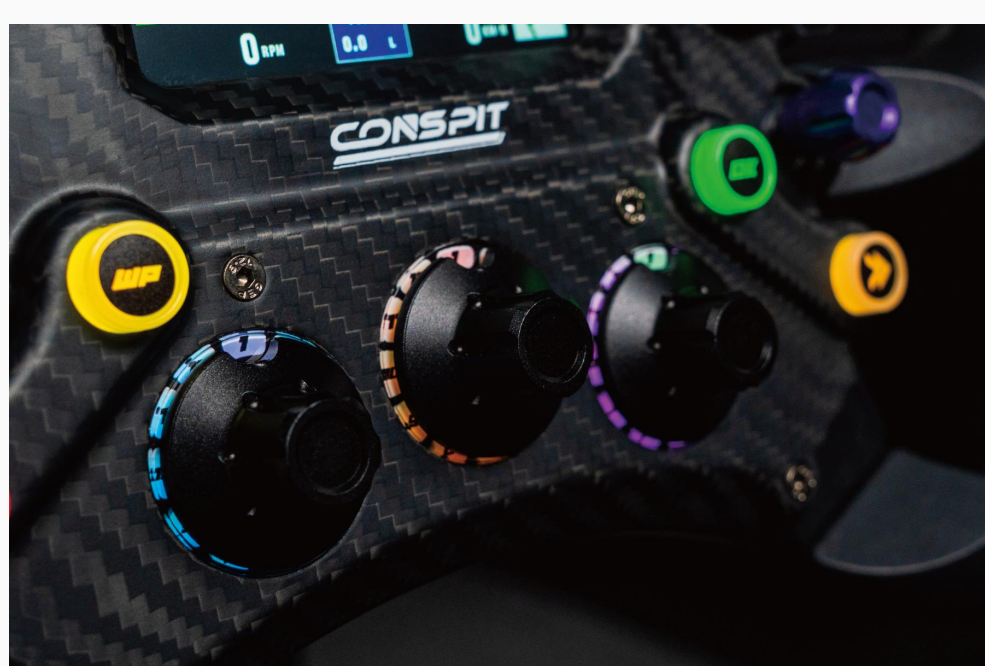
- **500g** trigger force + shock-absorbing silicone pad + clear rebound

- Full-color customization, supporting lighting effects feedback control via **CONSPIT Link 2.0** and **SimHub**.

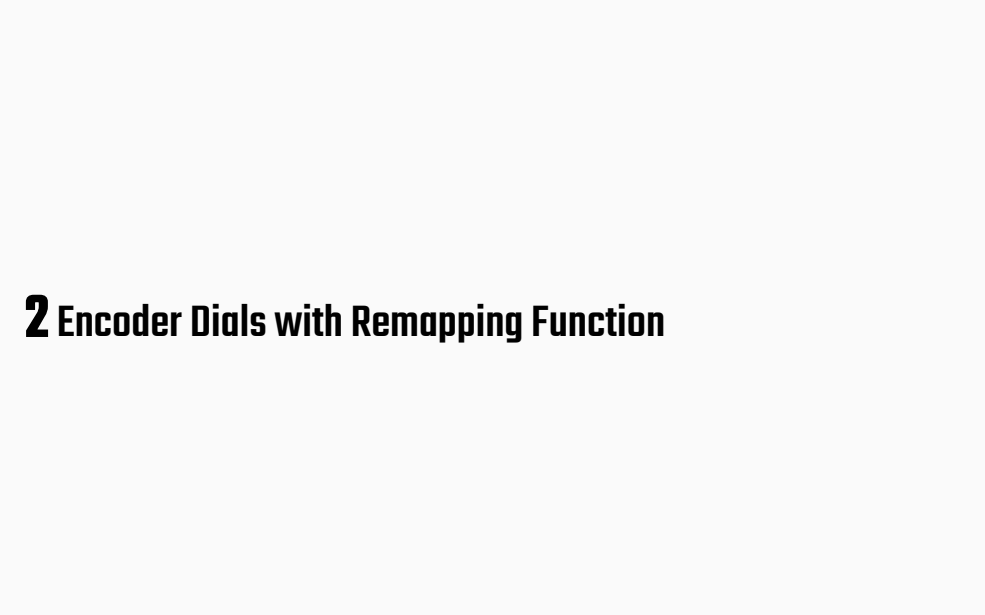


2 ThumbClick™ Dials

- Optimized specifically for thumb ergonomics, with triple precision-tuned attributes in diameter, resistance, and trigger feel, providing precise control to avoid accidental inputs



3 Dual-mode Knobs (+/- & absolute)



2 Encoder Dials with Remapping Function



Encoders Remap

By switching the **central knob 1** to different positions, users can change the button mapping of **encoders 2 and 3**, allowing for **different in-game controls**.

For example:
In position 3, encoder 2 can be bound to **TC1**, and encoder 3 can be bound to **TC2**.
In position 4, encoder 2 can be bound to **Bias**, and encoder 3 can be bound to **ABS**.

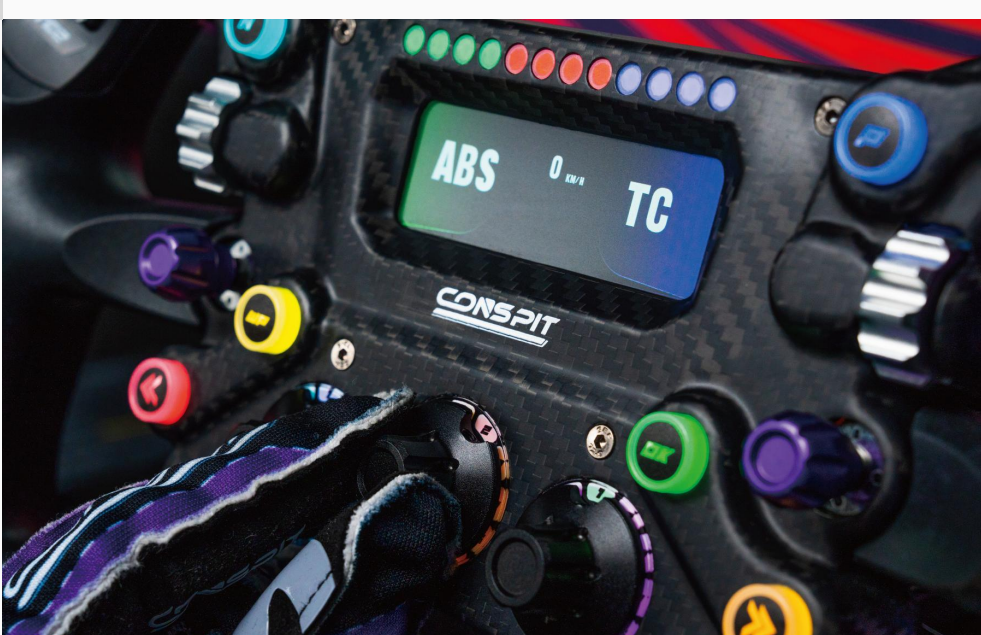
Rear Finger Shortcut Buttons

- **Shortcut buttons on the back** for easy control adjustments (e.g., ERS, differential preload) during cornering



Screen Visualization & Control Connectivity

The 300 GT features the proprietary CONSPIT 2.99-inch display, offering 5 dash pages for vital telemetry display, with more pages to come in future updates.



Professional Lighting Effects, 56 Fully Customizable LEDs

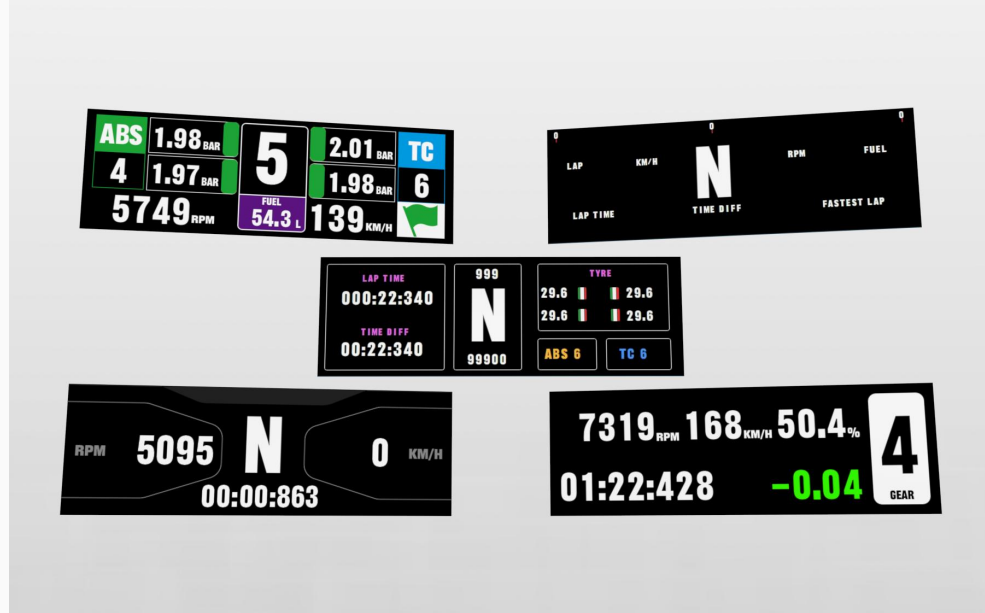
- **8** button lights, **12** RPM indicator LEDs, and **36** knob position backlight indicators, all customizable with user-defined colors and feedback effects

- All lights are compatible with **SimHub**, allowing for the most comprehensive race and vehicle telemetry indicators.



Display Integration with Encoders Remap

- **Proprietary 2.99-inch display**, offering 5 dash pages for vital telemetry display
- **The screen integrates with the "Encoders Remap"** function: providing real-time visualization of encoder button mapping (e.g., TC1/TC2→Bias/ABS).



Race-Ready Paddles

- Ergonomically positioned for swift feedback
- Tested to withstand **500,000 clicks**, with pressure deviation not exceeding **4%** from initial state



Magnetic Shift Paddles - Built to Endure

- Adjustable pressure with three options: **550gf, 660gf, and 900gf**, allowing for tailored driving experiences



Dual-Clutch Paddles - Excellence as Standard

- Pressure and travel verified for the optimal control experience
- Settings for **dual-clutch, bite point** and **independent axle** modes in CONSPIT Link 2.0, making race starts effortlessly smooth



EnduroGrips,
Engineered for Endurance and Comfort

The 300 GT carries over the **EnduroGrips** design from the 290GP, using high-grade TPU material. Three times more durable than standard TPE, these grips resist wear, dirt, and flaking.



Anti-Fatigue Grip Geometry

- Designed for a full grip that eliminates hand fatigue efficiently, ensuring **accurate tactile feedback** during long sessions.
- Dual compatibility for both 2-finger and 3-finger lower grips, optimizing the core holding area to fit the natural curve of the hand.
- The specially designed lower curve of the grip enhances force transfer efficiency and improves control feel when **pushing with the palm**.



Universal Compatibility
(Quick-Con Adapter System)

- Equipped with the Quick-Con adapter kit for standalone USB connection
- Standard 70mm PCD mounting holes for simple compatibility of any brands
- Military-grade quick connectors, built to withstand intense driving
- Comes with a spring cable for easy storage and removal

Specifications

Main Structure	Molded carbon fiber front plate + High strength Aluminum unibody back structure
Handgrip Structure	Lightweight Aluminum alloy CNC frame + Soft and hard combined TPU grip tape with secondary injection molding
Display Screen	2.99 Inch 800*268 color display
RGB Buttons	8 modular RGB ErgoTouch buttons
Encoder Wheels	4
Rotary Switches	3
7-way Joysticks	2
Clutch Paddles	2 modular Hall sensed clutch paddles
Gear Paddles	Silent magnetic Hall sensed gear paddles
Net Weight	1150 g (Excluding QR)
Connection	PC, USB direct
Software	CONSPIT LINK 2.0