



NXTRAX

“THE INTELLIFORK”

MANUAL



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Dear Rider,

I am proud to introduce a breakthrough that reshapes the way we ride.

A system engineered not just to follow the terrain—but to understand it.

This is our new NXXTRAX “The Intellifork”, a technology born from precision engineering, advanced sensing, and a vision to elevate control, safety, and performance to a completely new level.



Every millisecond, this suspension reads the ground, anticipates changes, and adjusts itself instantly.

It transforms unpredictable paths into fluid motion, delivering the perfect balance between comfort and responsiveness.

Designed for riders who demand more - more stability, more confidence, more speed - this system doesn't simply react.

It thinks. It adapts. It evolves with the terrain and with you.

With its seamless integration, lightweight architecture, and intelligent algorithms, our Electronic Suspension sets a new standard in modern riding.

It's not just a component—it's the next generation of feel, precision, and control.

Welcome to a smoother future.

Welcome to the next era of suspension technology!





SAFETY WARNING!

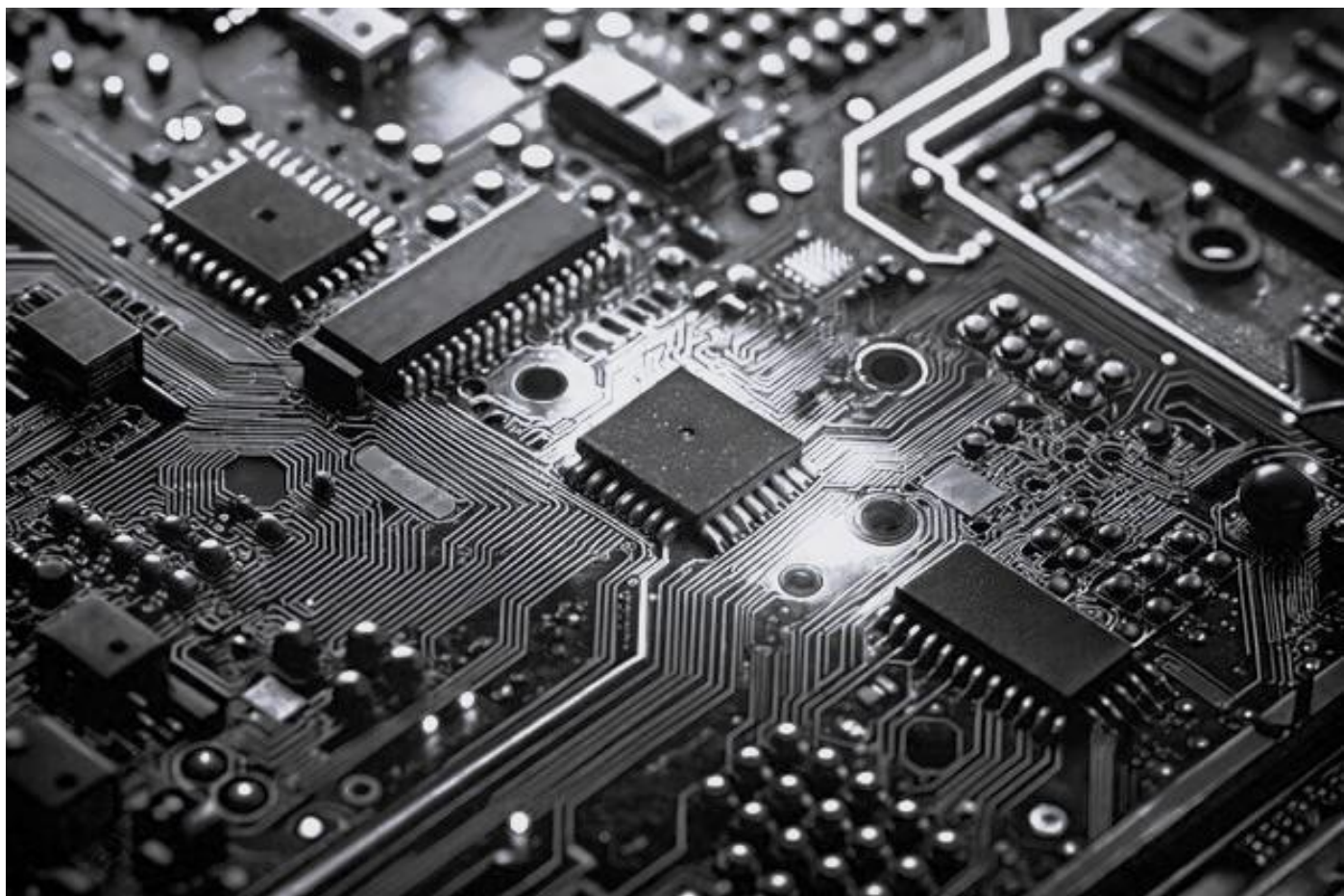
Read all the instructions and warnings carefully before using NXTRAX. Failure to comply with the instructions and warnings can seriously cause the malfunction/disruption of the product, damaging it and causing personal injuries.

The NXTRAX produced by DAL SOGGIO RACE is “Racing Products”, which means for “Race use only”. The sale of “Racing Products” shall be governed exclusively by the provisions set out below. The “Racing Products” are designed and manufactured to be used exclusively in allowed circuits and tracks with the specifications provided by the Manufacturer and, therefore, shall not be used on public roads. Thus, DAL SOGGIO RACE shall not have any liability whatsoever in connection with the use of the Products in violation of such limits and/or in connection with the normal wear and tear and/or for problems linked to comfort or the presence of noise, vibrations or harsh riding characteristics of such Products, nor shall any “Product liability” apply in such cases. Any alteration of or tampering with the “Racing Products” may endanger their safety and any guarantee given by DAL SOGGIO RACE in respect of the Products will be terminated by any such alteration or tampering.



SAFETY PRECAUTIONS

1. Install NXTRAX following exactly the instructions described in this manual to prevent product or vehicle damage.
2. Do not use high pressure washers on the product.
3. Do not change or modify parts, with components that were not provided by DAL SOGGIO RACE.
4. Use only specific and appropriate tools while installing NXTRAX on bike or while servicing it.
5. Remember that NXTRAX has breakable parts, please handle with care.
6. NXTRAX must be installed by highly qualified and competent professionals working in their pertinent field, who have been specifically trained to do it. The incorrect installation can cause malfunction/disruption/personal injuries.



INTRODUCTION

NXTRAX DESCRIPTION

Meet NXTRAX — the smart heart of your front suspension. It is a real INTELLIFORK!

A compact electronic unit that transforms every ride with **instant, real-time control**.

It doesn't just support the mechanical system — it elevates it.

NXTRAX **regulates oil flow on the fly** and continuously measures fork position and speed, giving your suspension the precision of a living, reacting system.

Adjust your setup anytime, anywhere, while riding.

No stops. No limits. Just pure control.

And if the electronics ever switch off?

Your fork instantly behaves like a traditional hydraulic suspension — **same performance, zero downtime, still no need to stop.**

NXTRAX: Ride smarter. React faster. Feel everything.



WHAT EXACTLY NXTRAX DOES ON BIKE

AMATEUR USE:

The electronic unit gives the rider a dramatically improved feeling with the front fork — more confidence, more control, and definitely more fun.

But above all, it **elevates safety**, especially off-road.

NXTRAX automatically adapts the front suspension to the rider's needs and riding style, continuously and intelligently.

Everything happens in real time, fully automatic, while always keeping the rider in command.

NXTRAX: Ride with feeling. Ride with confidence. Ride in control.

PRO RIDER USE:

The electronic unit transforms braking and cornering. Under braking, the front fork stays **rock-solid and stable**, giving you confidence and control.

In corners, it instantly softens, thanks to the **lightning-fast response** of the electronics, allowing smoother, more precise handling.

The result? **Performance that feels alive — faster, safer, and more thrilling on every ride.**



INSTALLATION

Step 1: Connect Everything

Plug in the main control unit and all wiring connections. Make sure the handlebar switch is properly connected.

Step 2: Power On the Main Unit

Press the power button on the main unit.

- The indicator light should flash green, confirming the unit has powered on correctly.

Step 3: Pair the Handlebar Controller

Press and hold the **M** button on the handlebar-mounted compression clicker until the controller pairs with the main unit.

Step 4: Initialize the Suspension Setup

Navigate to:

Settings → System Init

1. Place the bike on a stand with both wheels off the ground.
2. Press **Enter**.
3. Follow the instructions displayed on the screen.
4. When prompted with "**Lift bike from stand**", remove the bike from the stand.
5. Sit on the bike in your normal riding position.
6. Press **Enter** again.
7. The screen will display "**Wait**" while the system saves the setup.

Step 5: Select a Suspension Map

Once initialization is complete, return to the **Maps** menu.

You can choose from three operating modes:

- **Manual** – Functions like a standard Dal Soggio Sphere 3.0 setup.
- **Speed Sensitive** – Recommended starting point.
- **Position Sensitive** – Adjusts compression based on fork position.

Step 6: Configure Speed Sensitive Mode

Within **Speed Sensitive**, there are three adjustment ranges:

Wide

- Softest and most active setting.
- Needle adjusts up to **±6 clicks**.

Medium

- Balanced setting for most riders.

- Needle adjusts up to ± 3 clicks.

Narrow

- Most controlled and high-speed focused setting.
- Needle adjusts up to ± 1 click.

Recommended: Start with **Speed Sensitive – Medium** and fine-tune from there.

Step 7: Configure the Display

Navigate to the **Display** menu.

You can rotate the screen orientation depending on how the display is mounted.

Display options include:

- Stopwatch
- Compass
- Gyroscope
- None

Power Saving Mode

Power Saving Mode turns the display off while riding when no adjustments are being made, helping extend battery life.

Step 8: Adjust Your Compression Clickers

Press **Exit** to return to the main screen.

The number displayed on the screen represents your current compression clicker setting.

- Higher number = Firmer suspension
- Lower number = Softer suspension

The + and – buttons now function as your compression clicker adjustments, allowing you to make changes on the fly while riding.

Step 9: Go Ride

You're ready to ride.

Spend some time testing different settings and modes to find what works best for your riding style, terrain, and speed.

Enjoy your new Dal Soggio NXTRAX setup!



RACE USE ONLY

Racing Product – RACE USE ONLY

NXTRAX manufactured by **DAL SOGGIO RACE** is classified as “**Racing Product**”, it means that it is for “**Race use only**”. Its sale and use are governed exclusively by the conditions described below.

NXTRAX is **specifically designed and built for use on authorized circuits and tracks** according to the Manufacturer’s specifications. It **must not be used on public roads**.

Important: This product is **not intended for use on public roads or unauthorized areas**. Using it outside approved circuits can be dangerous because:

- NXTRAX is tuned for high-performance track conditions, not for irregular surfaces, traffic, or public-road hazards.
- Stability, braking, and handling may differ from standard vehicles, increasing the risk of accidents.
- Features such as suspension, damping, and responsiveness are optimized for racing and may feel harsh or unpredictable on ordinary roads.

Any modification, tampering, or unauthorized alteration of NXTRAX may compromise safety and **will void any warranty or guarantee** provided by DAL SOGGIO.

By using this product, riders acknowledge and accept these restrictions.

***Thank you for choosing DAL SOGGIO RACE products.
We are proud to provide you with high-performance racing components and wish you an
exciting, safe, and unforgettable riding experience!***

Gianni Dal Soggio



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