

**ELITE**

**SQUARE**

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## SHARE THE RIDE!

Seven convenient adjustments available to accommodate multiple cyclists: saddle height, tilt and fore-aft position, handlebar height and fore-aft position, horizontal tube length, and crank lengths. No bike switching needed.

## THE SILENT EVOLUTION

Enjoy noise-free pedaling with its advanced belt drive system, eliminating chain sounds.

## MULTI-FUNCTION HANDLEBAR

Two integrated controls for easy interaction with apps and Aria, and a system of levers and buttons to realistically replicate your bike's shifting.

## CUSTOMIZABLE GEARING WITH VIRTUAL SHIFTING

Replicate Shimano, SRAM, and Campagnolo groupsets, choose from pre-set profiles or select sequential shifting, customizing gears and sprockets to match the exact configuration of your bike's drivetrain.

## BUILD YOUR TRAINING

The adjustable design effortlessly replicates bike measurements from XS to XL.

## PERSONALIZED CRANK LENGTH

Tailor your frame with 5 adjustable crank lengths: 165 mm, 167.5 mm, 170 mm, 172.5 mm, and 175 mm.





A SMART FRAME FEATURING VIRTUAL GEAR SHIFTING AND THE MOST SILENT TRANSMISSION.

#### BUILD YOUR TRAINING

**Square Smart Frame** bursts into Elite's ecosystem of smart accessories for indoor cycling to radically transform your training routine and make it **more agile, comfortable, and technologically advanced**.

**Square** is a **smart frame** with a **high-level virtual shifting system** that allows you to customize the controls and precisely adapt them to the gear changes of major manufacturers (**Shimano, SRAM, and Campagnolo**) to replicate your bike's components down to the exact configuration of the drivetrain. You can customize the **number of gears and sprockets on the cassette, the number of teeth on each chainring**, or select from **pre-set profiles** or the convenient **sequential shifting** through the **dedicated Square app**.

The **shifting sensation is real**: simply use the **levers and buttons** on the handlebar as you would on your outdoor bike.

The **belt drive** offers a smooth, uniform pedal stroke, **free of noise and vibrations**:

with **Square** your training sessions reach **unbeatable levels of quietness**.

**Square** is a frame designed to replace your bike during training with the smart trainer, eliminating the need to switch bikes or mount the one you use outdoors when you want to train at home.

The goal is to offer cyclists an **integrated solution**, compatible with **all training apps**, and above all usable by **different riders**.

**Square** is **fully adjustable** and offers great adaptability to cyclists of different sizes with seven available adjustments for **saddle height, tilt, and fore-aft position, handlebar height and fore-aft position, horizontal tube length, and crank arms**.

The Elite Smart Frame structure is **solid and robust**, designed to ensure maximum stability and perfect balance even during the most intense out-of-the-saddle efforts.

With a modular architecture, **Square** delivers a cycling setup that's **always upgradable**: multiple configuration and operating options with Elite's most advanced indoor ecosystem accessories, such as **Rizer**, the gradient simulator with real frame tilt and steering.

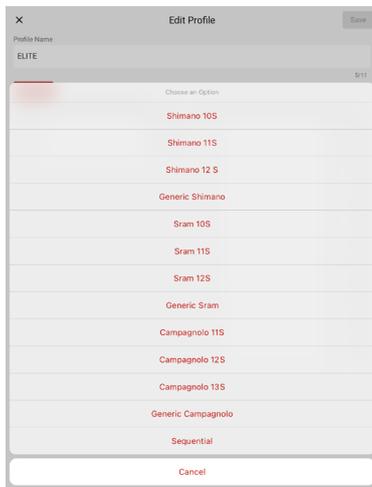
#### VIRTUAL SHIFTING AND CUSTOMIZABLE GEARING

Elite's Smart Frame features a **high-level virtual shifting system** that offers extensive customization options during gear configuration.

**Square** allows you to replicate the three main manufacturers, **Shimano, SRAM, and Campagnolo**, with **customizable configurations for gears and sprockets** to exactly replicate your bike's drivetrain.

**Square** also offers two modes of **pre-set profiles**: for **gears and sprockets**, divided into different training types (Flat Rides, Hilly Courses, Mountain Climbs). Alternatively, you can immediately use a convenient **pre-set Shimano 12-speed profile (11-30)**.

Additionally, it includes a customizable **sequential shifting system** with variable resistance levels ranging from 5 to 24 levels.



By selecting your preferred shifting system on first use from the "Square" dedicated app, you can replicate the groupsets of major manufacturers with **13 customizable presets**, including **sequential shifting** with resistance levels from 5 to 24. You can personalize the gearing exactly as you want, including **number of gears** and **number of cassette teeth**.

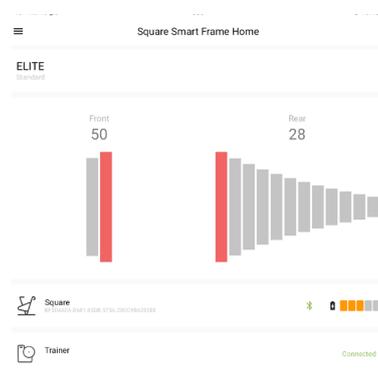


Finally, use the **levers and buttons** on the handlebar just like on your outdoor bike.



**What You Can Do:**

- \_Choose **cassettes with 10/11/12/13 speeds**, selecting the number of teeth for each cog, **from 9 to 52**.
- \_Select configurations with **1, 2, or 3 chainrings**, as well as the number of teeth for each chainring, **from 60 to 22**.
- \_Train immediately with pre-set profiles:
  1. By **training type** (Flat Rides, Mountain Climbs, Hilly Courses).
  2. With **Shimano 12-speed** (11-30).



**MULTI-FUNCTION HANDLEBAR. SMART CONNECTIVITY FOR SOFTWARE AND DEVICES**

The Square handlebar features **two mirror-image lever controls** designed to enable training apps to integrate **special controls like Zwift Play** and offer **touch-free interaction** with the screen running the training platform.

Each controller is equipped with **10 buttons**: four buttons to activate **third-party app controls** (protocol available, pending integration by software developers), two buttons to directly **control the airflow intensity of Aria**, Elite's smart fan, if connected, or to enable **virtual steering on Zwift**, allowing your avatar to move left or right on the course, two **shifting buttons**, one button for the **Campagnolo gear change**, and one **brake button**, activated using the brake lever.

**Combinations and pressing of levers and buttons** enable additional controls such as **extended shifting**, which, like electronic shifters, allows you to change gears by holding the button for a few seconds, **search for the nearest smart trainer or Aria**, **switch between manual and simulation modes** with Aria, maximizing all the features of Elite's smart fan, and **switch from one profile to another**.

Buttons and controls are placed above the grips and handlebar for a **comfortable and obstacle-free grip**. Ideal for maintaining correct posture during training and easily using the buttons. The handlebar has a **width of 420 mm with a 6° flare**. Perfect for ensuring maximum comfort during long training sessions or extreme races.

Enhancing handlebar comfort are the grips with **soft, non-slip silicone covers**, like most real bikes. In addition to offering a more comfortable feel, they ensure a more secure grip and greater durability over time.

The Square includes a **pre-installed Garmin-compatible mount**, making it compatible with the most popular bike computers on the market.

A **dedicated tablet holder** will also be available for purchase, offering a comfortable and secure fit for all your devices.



### UNPRECEDENTED SILENCE

With **Square**, silence becomes the cornerstone of an exceptional training experience. Thanks to the **belt drive system**, you can enjoy a **smooth and silent ride** like never before, free from any noise from the chain or smart trainer.

Ideal for your home training area, the belt drive system offers a **seamlessly realistic riding experience**, allowing you to replicate the efficiency of every pedal stroke as if you were cycling outdoors, with the added benefit of absolute silence.

With its **noise-free operation**, **Square** is perfectly suited for indoor use, ensuring a tranquil environment without disruptions for family members or neighbors.



### CUSTOMIZABLE FIT FROM XS TO XL

**Square**'s adjustable design offers unparalleled adaptability, allowing you to effortlessly replicate the measurements of bikes of varying sizes and heights, with **adjustable options ranging from XS to XL**.



In just a few simple steps, you can customize **Square** to match your bike perfectly, adjusting the different sections to accommodate your frame size, ensuring optimal pedaling biomechanics and muscle memory during indoor training sessions.

**Square** is designed with an architecture that allows precise adjustment to the millimeter:

- \_Height, inclination, and fore-aft adjustment of the **saddle**
- \_Height and fore-aft adjustment of the **handlebar**
- \_Length of the **horizontal tube**
- \_Length of the **cranks**

Perfect for seamless integration with any bike and pedaling style.



Refer to the measurements provided on the adjustment areas, complete with **millimeter scales**, to assist you in fine-tuning the frame to your pedaling preferences and your bike's dimensions effortlessly.



Additionally, you'll have access to **five different configurations for adjusting the crank arm length**, allowing for comprehensive customization of the smart frame to suit your bike's individual specifications.

Available adjustments: **165 mm, 167.5 mm, 170 mm, 172.5 mm, 175 mm.**



### SHARE YOUR JOURNEY WITH FELLOW CYCLISTS AT HOME

With its adjustable design, **Square** enables you to **share your setup with other cyclists** comfortably, without the need to switch bikes for different users.

**No more disassembling and reassembling the bike** if you don't already have one dedicated to indoor training, or if multiple cyclists in the household are using the same smart trainer. **Say goodbye to needing a spare cassette** for your indoor bike or constantly having to find adapters and spacers to attach the bike to the trainer for every workout.

With its wide range of adjustments, **Square** offers a personalized training experience that's **immediate and hassle-free**, tailored to every cyclist.



#### EFFORTLESS SETUP, CASSETTE-FREE

With **Square**, setting up your training area becomes simple and immediate, as it eliminates the need for a cassette in favor of a **single gear** to be installed on the trainer.

This practical setup lets users connect **all the latest Elite smart trainers** to the frame quickly, without having to adjust the bike's rear derailleur as in a regular setup.

The single cog, along with the convenient **belt drive**, simplifies setup by reducing noise and offers **maintenance-free** and **cleaner operations**, thanks to the belt that requires no lubrication and remains free from the dirt and grease of conventional chain setups.



#### QUICK SETUP AND EASY PAIRING

Setting up and connecting the **Square** frame is quick and hassle-free, thanks to its **Plug & Play design** powered by a battery. With no requirement for an electrical outlet during use, you can devote your attention to assembling the **Square** with the trainer and any additional accessories.

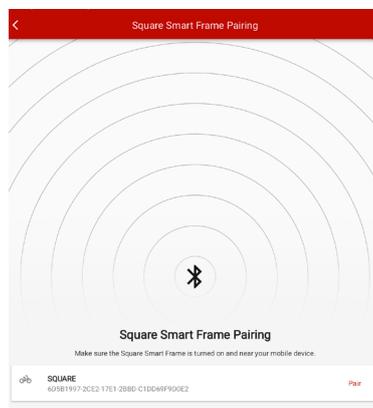
Installation and pairing with Elite smart trainers are **easy and immediate** thanks to the **accessories and adjustment keys included in the box**, and the **Square control app**, which allows you on first use:

\_to **configure** your frame and **pair your Elite trainer** with the Smart Frame simply by clicking on the nearest detected trainer;

\_to **create up to 5 different user profiles** that you can divide based on the different types of gearing and ratios selected;

\_to pre-set a level to maintain in **stand-alone mode**;

\_to have access to **all functions and configurations**.



#### MANAGE YOUR WORKOUTS OFFLINE

The Elite Smart Frame offers you the versatility of being used in **stand-alone mode** even **when not connected to a specific training app**. Ideal if you use it in an area with poor connectivity.

By simply using the levers on the handlebar, you can adjust the resistance from 1 to 16 levels, regardless of the lever used, giving you total control over your workout even without any connectivity.

#### AN INTEGRATED SYSTEM WITH THE ELITE ECOSYSTEM

**Square** is smart by design, seamlessly integrating with **our entire ecosystem of technologies** for indoor cycling.

Its **modular structure allows for easy setup updates** by simply replacing the front support leg with the **Rizer**, Elite's slope simulator with integrated steering that perfectly complements **Square**, giving you the most realistic climbing sensation in the indoor cycling market. The Rizer automatically adjusts the frame's incline based on the elevation in your cycling app, providing up to a maximum of **20% incline and a minimum of 10% decline**.

Constructed with **high-quality materials like iron** in its key components, **Square** withstands the toughest challenges posed by simulated climbs, ensuring durability for long-term performance and compatibility with industry-leading innovations.

The feeling of authentic pedaling is consistently replicated by the Elite smart trainer connected to the Smart Frame. In our flagship models such as the **Justo 2**, it autonomously adjusts resistance up to an **impressive 24% incline** and accurately measures your power output with an accuracy of **less than 1%**, thanks to its **built-in power meter**.



#### ELEGANT AND MODULAR DESIGN

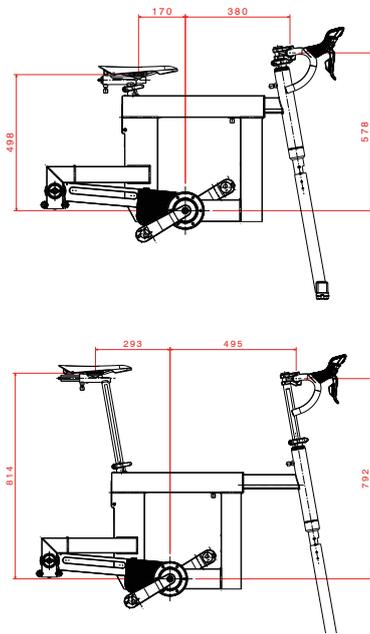
With its **clean, geometric, and refined lines**, the **Square** seamlessly integrates into any environment, conveying unmatched elegance and technological prowess. The handlebar is fixed and non-interchangeable, but you can customize the handlebar tape to reflect your personal style.

The simplified assembly of the frame, both in terms of adjustment and pairing with other training devices, ensures **quick and hassle-free installation** among the various components of the setup. Ideal for immediate training and upgrading the station with increasingly advanced accessories.

The reclining structure of the frame allows for **two storage modes** after use: either leaned vertically against a wall with the trainer still connected, resetting all adjustments; or positioned on the provided front leg or, if connected, on the Rizer, always resetting all adjustments.

## DETAILS

### GEOMETRY AND DIMENSIONS:



- Total dimensions (minimum adjustments; trainer used: Avanti):  
(HxLxW) 91.5 cm x 105 cm x 44.5 cm |  
36,02 x 41,33 x 17,52 inches
- Handlebar height:  
84,5 – 106 cm | 32,27 inches – 41,73 inches
- Handlebar width:  
42 cm | 16,53 inches
- Flare: 6°
- Saddle height:  
57 – 88 cm | 22,44 inches – 34,64 inches
- Saddle width:  
150 mm | 5,90 inches
- Minimum saddle setback:  
170 mm | 6,69 inches

- Maximum saddle setback:  
293 mm | 11,53 inches
- Minimum horizontal distance between the center of the bottom bracket and the head tube: 498 mm | 19,61 inches
- Maximum horizontal distance between the center of the bottom bracket and the head tube: 814 mm | 32,05 inches
- Minimum vertical distance between the bottom bracket center and the central axis of the top of the head tube, including the stem: 380 mm | 14,96 inches
- Maximum vertical distance between the center of the bottom bracket and the midpoint line of the top of the head tube: 495 mm | 19,49 inches
- Minimum user height:  
152 cm | 4 feet 11 inches
- Maximum user height:  
198 cm | 6 feet 6 inches
- Q-factor: 150 mm | 5,90 inches
- Crank lengths: 165 mm; 167.5 mm; 170 mm; 172.5 mm; 175 mm.
- Total weight: 23 kg | 50,70 lbs
- Maximum user weight: 110 kg | 242,51 lbs

### MATERIALS:

- Steel, aluminum, plastic (PA6 and PA6 +30%FV), silicone.
- Handlebar tape: PU+EVA.

### TECHNOLOGY AND DATA:

- Wireless technology: Bluetooth® (for devices and apps), ANT+ FE-C (for trainers).
- Wireless firmware updates: Yes, via Upgrade app.

### OTHER FEATURES:

- 2 LED indicators.
- Compatible with Elite Aria: Yes.
- Dedicated Square app for setup and usage.
- Power supply: CR2032 lithium battery.
- Battery life: 80 hours.
- Includes 4mm and 5mm Allen keys in the package.
- Includes Elite T-Race bottle cage.
- Compatible with the following trainers: Justo 2, Justo, Avanti, Rivo, Direto XR, Direto XR-T, Direto X, Direto Team, Direto, Suito, Suito-T.