

## Saris M2 Smart Trainer

# Saris M2 Smart Indoor Electromagnetic Resistance Bike Trainer User Manual

Model: M2 Smart Trainer (9930T)

## 1. INTRODUCTION

Thank you for choosing the Saris M2 Smart Indoor Electromagnetic Resistance Bike Trainer. This manual provides essential information for the safe and effective use of your new trainer. The Saris M2 is designed to transform your outdoor bicycle into a powerful indoor training machine, offering precise resistance control and seamless connectivity with popular indoor cycling applications.



Figure 1: Saris M2 Smart Indoor Electromagnetic Resistance Bike Trainer.

## 2. SAFETY INFORMATION

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Please read all safety warnings and instructions before using the Saris M2 Smart Trainer. Failure to follow these instructions may result in injury or damage to the product.

- **Placement:** Always place the trainer on a stable, level surface. Ensure adequate clearance around the trainer for safe operation.
- **Stability:** Verify that your bicycle is securely mounted to the trainer before beginning any workout.
- **Moving Parts:** Keep hands, feet, and loose clothing away from moving parts, especially the resistance unit and bicycle wheel, during operation.
- **Children and Pets:** Keep children and pets away from the trainer during use.
- **Electrical Safety:** Use only the provided power adapter. Do not operate the trainer if the power cord or plug is damaged.
- **Weight Limit:** Do not exceed the maximum weight capacity of 300 lbs (including the bicycle and rider).
- **Ventilation:** Ensure proper ventilation around the trainer to prevent overheating.
- **Maintenance:** Perform regular maintenance as described in this manual to ensure safe and optimal performance.

## 3. PACKAGE CONTENTS

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Verify that all components are present before assembly:

- Saris M2 Smart Indoor Trainer Unit
- Steel Quick Release Skewer (for common road and mountain bike frames)
- Power Adapter
- Instruction Manual (this document)
- One-month subscription to Rouvy virtual training app (details included)

*Note: Thru-axle adapters for 142x12mm and 148x12mm bikes are sold separately. A front wheel block is also required and sold separately.*

## 4. SETUP

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### 4.1 Unfolding the Trainer

The Saris M2 trainer features a foldable frame for easy storage. To unfold, gently pull the legs outwards until they lock into place. The spring-loaded, bolt-action lever ensures secure positioning.

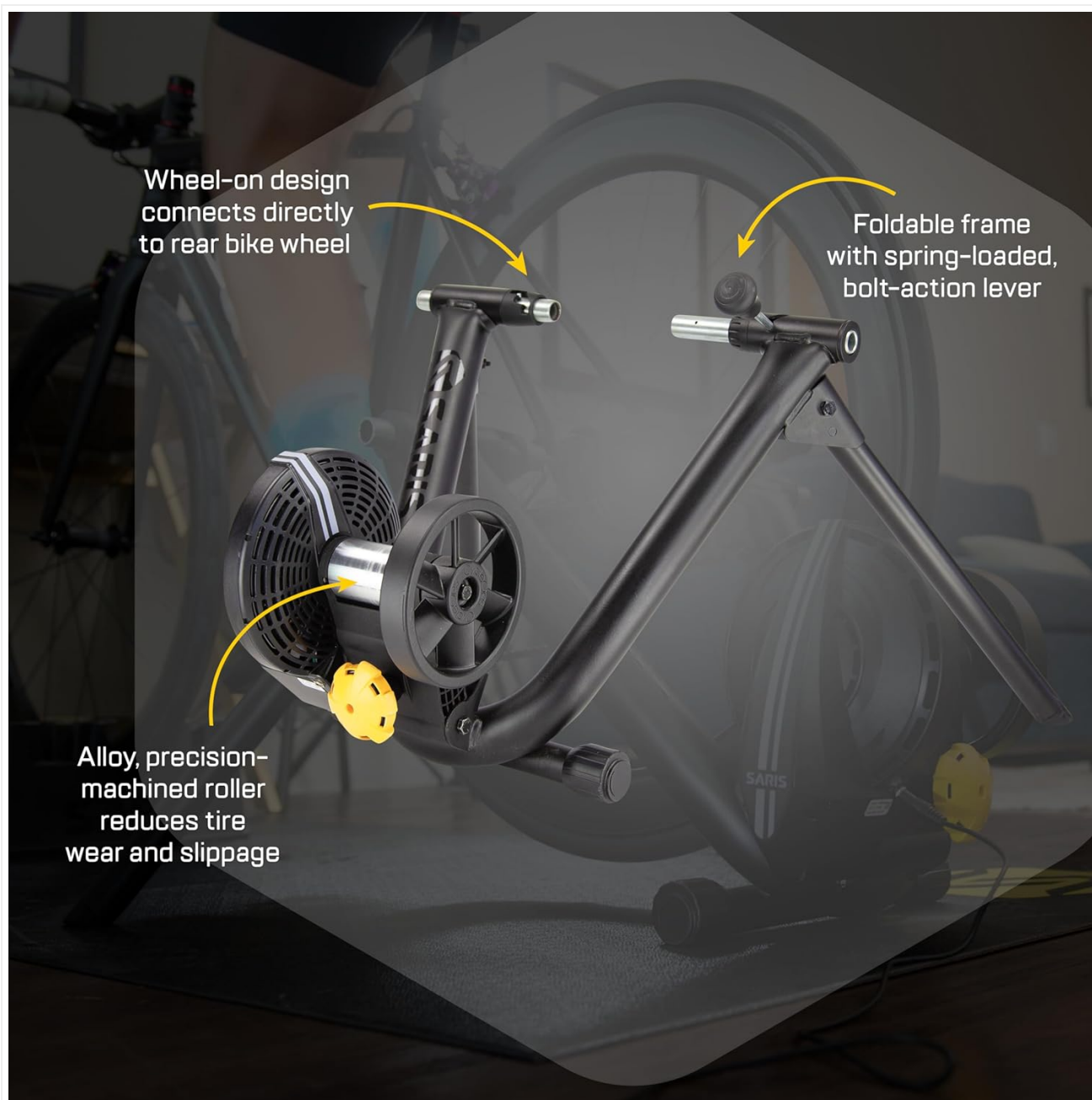


Figure 2: Unfolded trainer showing wheel-on design and foldable frame.

## 4.2 Installing the Quick Release Skewer

Replace your bicycle's existing quick release skewer with the one provided by Saris. This ensures proper fit and security on the trainer.

## 4.3 Mounting Your Bicycle

The Saris M2 is a wheel-on trainer, meaning your bike's rear wheel remains attached. This allows for quick transitions between indoor and outdoor riding.

1. Position the trainer on a stable, flat surface.
2. Lift the rear wheel of your bicycle and align the quick release skewer with the trainer's axle clamps.
3. Engage the quick release lever to firmly secure the bicycle to the trainer. Ensure the bike is stable and does not wobble.
4. Adjust the leveling feet on the trainer to compensate for uneven surfaces, ensuring a stable ride.



Figure 3: Bicycle securely mounted on the Saris M2 trainer.

#### **4.4 Connecting the Power Adapter**

Connect the power adapter to the trainer and plug it into a standard electrical outlet. The trainer is now ready for use.

#### **4.5 Adjusting Tire-to-Roller Connection**

The innovative Clutch knob ensures perfect tire-to-roller connection. Turn the knob until the roller makes firm contact with the tire. The clutch will click when optimal tension is achieved, preventing slippage and ensuring accurate data.





Figure 4: Clutch knob and leveling feet for optimal setup.

## 4.6 Assembly Video

For a visual guide on assembly, please refer to the official Saris M2 Smart Indoor Bike Trainer video:

Your browser does not support the video tag.

Video 1: Official Saris M2 Smart Indoor Bike Trainer overview. This video demonstrates the features and ease of use of the Saris M2 trainer, including its quick setup and connectivity options.

## 5. OPERATING INSTRUCTIONS

### 5.1 Connectivity

The Saris M2 Smart Trainer connects seamlessly to indoor cycling apps using dual ANT+ FE-C and Bluetooth standards. This allows for interactive training experiences with applications like Zwift, Rouvy, TrainerRoad, and others.

- **ANT+ FE-C:** For compatible devices and software that use ANT+ for trainer control and data transmission.
- **Bluetooth:** For connecting to smartphones, tablets, and computers via Bluetooth.

# SEAMLESSLY CONNECTS TO INDOOR CYCLING APPS



ZWIFT



ROUVY\*



TRAINERROAD



BK00L

... AND MORE!



\*INCLUDES TRIAL  
SUBSCRIPTION  
TO ROUVY

Figure 5: Seamless connectivity to popular indoor cycling applications.

## 5.2 Calibration

For the most accurate power readings, it is recommended to calibrate your Saris M2 trainer regularly, especially after initial setup or if the trainer has been moved. Most cycling apps will guide you through a simple spin-down calibration process.

## 5.3 Training Modes

The Saris M2 supports various training modes offered by compatible applications:

- **ERG Mode:** The trainer automatically adjusts resistance to maintain a target wattage, regardless of your cadence or gear.
- **Simulation Mode:** The trainer simulates the resistance of virtual terrain, such as climbs and descents, providing a realistic riding experience. The M2 can simulate up to a 15% climb and provide up to 1500 watts of resistance.
- **Resistance Mode:** You can manually set a specific resistance level.



Figure 6: Key features of the Saris M2 Smart Trainer, including power accuracy and hill simulation.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Saris M2 Smart Trainer.

- **Cleaning:** Wipe down the trainer with a damp cloth after each use to remove sweat and dust. Avoid using abrasive cleaners.
- **Tire Condition:** Regularly inspect your bicycle's rear tire for wear, especially if using a standard road tire. A trainer-specific tire is recommended to reduce wear and noise.
- **Roller Inspection:** Check the alloy, precision-machined roller for any debris or wear. Keep it clean to maintain optimal tire grip and reduce slippage.
- **Firmware Updates:** Periodically check for firmware updates via the Saris app or your preferred cycling application. Updates can improve performance and add new features.
- **Storage:** When not in use, fold the trainer for compact storage. Store in a dry, temperate environment.

## 7. TROUBLESHOOTING

If you encounter issues with your Saris M2 Smart Trainer, refer to the following common solutions:

Problem	Possible Cause	Solution
No power/Trainer not turning on	Power adapter not connected; outlet issue	Ensure power adapter is securely connected to trainer and a working outlet.
No connection to cycling app	Bluetooth/ANT+ interference; trainer not awake; app issue	Ensure trainer is plugged in and spinning (to wake it up). Check app settings and device Bluetooth/ANT+ connections. Try restarting both the trainer and the app.
Tire slippage on roller	Insufficient tension; worn tire; dirty roller	Adjust the Clutch knob until it clicks. Inspect tire for wear and replace if necessary. Clean the roller surface.
Inaccurate power readings	Needs calibration; tire pressure too low	Perform a spin-down calibration. Ensure tire is inflated to the recommended pressure.

Problem	Possible Cause	Solution
Excessive noise	Tire pressure; worn tire; loose components	Ensure tire is properly inflated. Check for worn tires. Verify all bolts and connections are tight. The noise level is approximately 69 decibels at 20 mph.

If the issue persists, please contact Saris Customer Support for further assistance.

## 8. SPECIFICATIONS

Feature	Detail
Model Name	M2 Smart Trainer
Model Number	9930T
Resistance Mechanism	Electromagnetic
Power Accuracy	+/- 5%
Max Resistance	1500 Watts
Max Simulated Grade	15%
Connectivity	ANT+ FE-C, Bluetooth
Noise Level	69 decibels at 20 mph
Load Capacity	300 lbs (rider and bike)
Material	Alloy Steel
Product Dimensions (LxWxH)	22"L x 20"W x 9"H
Item Weight	20 Pounds
Compatible Wheel Sizes	650B, 700C, 27.5", 29" (up to 2" wide, up to 1.5" wide without tread)



## STATS



**MAXIMUM WEIGHT 300LBS**  
(INCLUDING BIKE)



**REQUIRES WHEEL BLOCK**  
(SOLD SEPARATELY)



**LIGHTWEIGHT STEEL FRAME**



**ANT+ FE-C AND BLUETOOTH**  
**CONNECTIVITY**

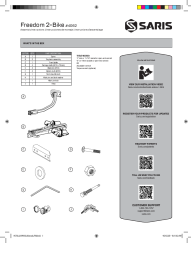
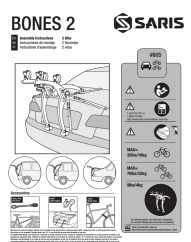
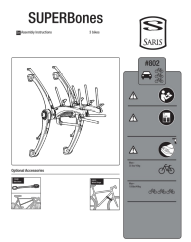


Figure 7: Dimensions and key specifications of the Saris M2 Smart Trainer.

## 9. WARRANTY & SUPPORT

The Saris M2 Smart Indoor Electromagnetic Resistance Bike Trainer comes with a Limited Lifetime Warranty. For detailed warranty information, claims, or technical support, please visit the official Saris website or contact their customer service department.

### **Saris Customer Support:**

- [Saris Support Website](#)
- Refer to the contact information provided on the Saris website for phone or email support.

	<p><a href="#">Saris Bicycle Trainers: Fluid², Mag, Mag+ User Manual</a></p> <p>Comprehensive user manual for Saris Fluid², Mag, and Mag+ bicycle trainers, detailing setup, usage, and safety precautions. Learn how to optimize your training experience with Saris.</p>
	<p><a href="#">Saris Freedom 2-Bike #4062: Assembly &amp; Installation Guide</a></p> <p>Comprehensive assembly and installation guide for the Saris Freedom 2-Bike rack (#4062). Learn what's included, how to assemble, attach to your vehicle, install bikes, adjust trays, and find warranty information.</p>
	<p><a href="#">Saris Bones 2 Bike Rack: Assembly Instructions &amp; User Guide</a></p> <p>Comprehensive assembly instructions, technical specifications, safety cautions, maintenance tips, and warranty details for the Saris Bones 2-bike rear car rack (Model #805). Learn how to safely install and use your Saris bike carrier.</p>
	<p><a href="#">Saris SUPERBones Bike Rack Assembly and Usage Instructions</a></p> <p>Comprehensive guide for assembling, installing, loading bikes onto, and removing the Saris SUPERBones bike rack. Includes safety precautions, technical specifications, and troubleshooting tips.</p>
	<p><a href="#">Saris SuperClamp EX 4-Bike Hitch Rack: Assembly &amp; User Guide</a></p> <p>Comprehensive assembly instructions, specifications, and maintenance guide for the Saris SuperClamp EX 4-Bike hitch-mounted bicycle carrier (Model 4026F). Learn how to install, load, and care for your Saris bike rack.</p>
	<p><a href="#">Saris Freedom EX - 2 Bike Assembly Instructions</a></p> <p>Comprehensive assembly instructions for the Saris Freedom EX - 2 Bike, including specifications, installation steps, usage cautions, and warranty information.</p>