

FAVERO Assioma DUO (772-02)

Favero Assioma DUO Power Meter Pedals User Manual

Model: Assioma DUO (772-02) | Brand: FAVERO

1. INTRODUCTION

The Favero Assioma DUO is a pedal-based power meter designed to provide accurate and reliable power measurement for cyclists. Featuring dual-sided power sensors, it offers precise watt measurement for both legs, enabling detailed analysis of your pedaling dynamics. Its robust design and advanced technology ensure consistent performance in various riding conditions.

2. KEY FEATURES

- Easy Installation:** Designed for straightforward installation on your bicycle.
- Rechargeable Battery:** Integrated rechargeable batteries provide over 50 hours of use on a single charge.
- Accurate Power Measurement:** Cutting-edge cycling technology ensures precise watt measurement.
- Dual-Sided Sensing:** Power sensors on both pedals for comprehensive left/right balance data.
- Universal Connectivity:** Communicates via Bluetooth and ANT+ with a wide range of bike computers and smartphones (Android and iOS).

3. WHAT'S IN THE Box

- Favero Assioma DUO Pedals (Left and Right)
- Battery Charger with International Plugs
- Micro-USB Cables (2x)
- LOOK Kéo Compatible Cleats (Grey, 6° float)
- Hex Key for Installation
- User Manual and Warranty Information



Image: The Favero Assioma DUO pedals, showcasing their sleek design and integrated power sensors.



Image: Close-up view of the Favero Assioma DUO pedals, highlighting the 'Assioma' and 'Favero Electronics' branding on the power pods.

4. SETUP AND INSTALLATION

4.1 Pedal Installation

1. Ensure your crank arms are clean and free of debris.
2. Identify the left (L) and right (R) pedals. The left pedal has a left-hand thread, and the right pedal has a right-hand thread.
3. Apply a small amount of grease to the pedal threads.
4. Carefully thread the pedals into the crank arms by hand to avoid cross-threading. The thread size is 9/16 inches.

5. Use the provided hex key to tighten the pedals securely. Refer to your bicycle's crank arm specifications for the recommended torque.



Image: A Favero Assioma DUO pedal securely installed on a bicycle's crank arm, ready for use.

4.2 Initial Charging

Before first use, fully charge both pedals using the provided charger and USB cables. The LED indicators on the power pods will show charging status.

4.3 Pairing with a Head Unit/Smartphone

1. Download the Favero Assioma app on your smartphone (available for Android and iOS).
2. Open the app and follow the on-screen instructions to pair your Assioma DUO pedals via Bluetooth.
3. Alternatively, pair the pedals with your ANT+ or Bluetooth compatible bike computer. Refer to your head unit's manual for specific pairing instructions.
4. Ensure the crank length setting in your head unit or the Assioma app matches your bicycle's crank length for accurate power readings.

5. OPERATING THE ASSIOMA DUO

5.1 Calibration

It is recommended to perform a zero-offset calibration before each ride for optimal accuracy. This can typically be done through your paired bike computer or the Assioma app. Ensure the pedals are not under load during calibration.

5.2 Power Measurement and Data

Once paired and calibrated, the Assioma DUO will transmit real-time power data, cadence, and left/right

power balance to your head unit. This data can be used to monitor your performance, track training progress, and optimize your pedaling efficiency.



Image: A cyclist actively riding a road bike equipped with Favero Assioma DUO pedals, demonstrating their use in a dynamic environment.

5.3 Battery Life and Charging

The Assioma DUO pedals offer approximately 50 hours of battery life. When the battery is low, your head unit may display a warning, and the LED indicators on the power pods will change. To recharge, connect the pedals to the charger using the provided cables. Periodically topping off the charge helps maintain battery health.

5.4 Travel Mode

The pedals feature a travel mode to conserve battery during transport. **Important:** Activating travel mode requires the charger to deactivate it. Do not enable travel mode unless you have access to the charger, especially if you need to use the pedals immediately after transport.

6. MAINTENANCE

The Favero Assioma DUO pedals are designed for low maintenance. Keep the pedals clean, especially around the power pods and charging contacts. Avoid using high-pressure water jets directly on the pedals. Regularly check the pedal tightness on the crank arms to ensure they remain secure.

7. TROUBLESHOOTING

- No Power Reading:** Ensure pedals are charged, properly installed, and awake (rotate cranks a few times). Check head unit pairing and ANT+/Bluetooth connection.
- Inaccurate Readings:** Perform a zero-offset calibration. Verify correct crank length setting in your head unit/app. Check for any physical obstructions or damage to the power pods.
- Connectivity Issues:** Ensure your head unit/smartphone is within range. Try re-pairing the pedals. Update firmware via the Assioma app.
- Pedals Stuck in Travel Mode:** Connect the pedals to the charger to exit travel mode.
- Battery Not Charging:** Check charging cables and adapter. Ensure charging contacts on the pedals are clean.

For persistent issues, consult the Favero Assioma app for diagnostic tools or contact Favero customer support.

8. SPECIFICATIONS

Brand	FAVERO
Model	Assioma DUO (772-02)
Bike Type	Road Bike
Color	Black, Silver
Material	Aluminum
Item Weight	0.29 Kilograms
Product Dimensions	11.81" L x 6.3" W
Thread Size	9/16 inches
Battery Life	50+ hours
Connectivity	ANT+, Bluetooth
UPC	705632189016

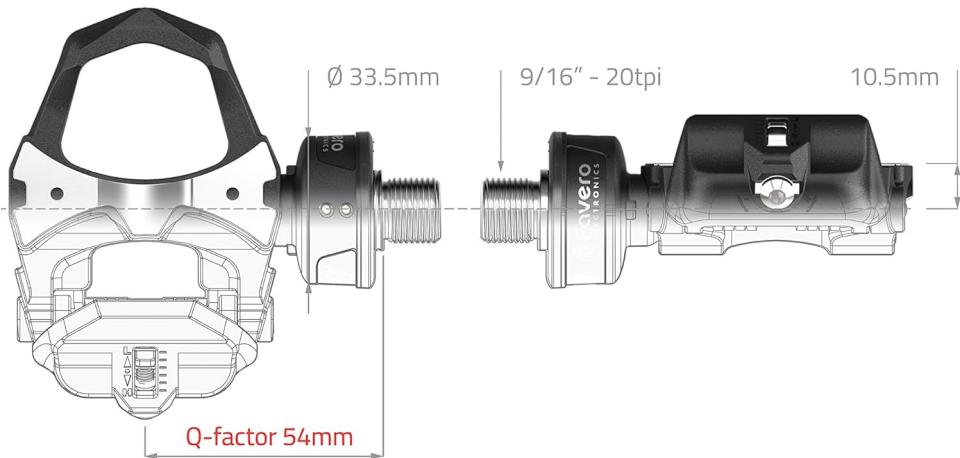


Image: Technical diagram illustrating key dimensions of the Favero Assioma DUO pedal, including Q-factor and thread size.

9. WARRANTY AND SUPPORT

Favero Assioma DUO pedals typically come with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Favero website. In case of issues, email support from Favero is available and generally helpful, though response times may vary. For returns or replacements, a 30-day policy is often available through your retailer.

