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## Crankbrothers Candy 1

# Crankbrothers Candy 1 Clip-In MTB Bike Pedal User Manual

Model: Candy 1

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your Crankbrothers Candy 1 Clip-In MTB Bike Pedals. Designed for gravel, cross-country (XC), and trail riding, these pedals offer a lightweight composite body, a 4-sided entry system, customizable float, and premium bearings for optimal performance and durability.



Image 1: Front view of the Crankbrothers Candy 1 Clip-In MTB Bike Pedal.

## 2. PRODUCT FEATURES

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- **Lightweight and Premium Quality:** Composite body, weighing 294g per pair.
- **Clip-In System:** Designed for optimal shoe/pedal interface with 4-sided entry for superior mud shedding, stamped steel wing, customizable float, and release angle. Premium brass cleats with shims are included.

- **Superior Grip:** Ribbed body for enhanced traction when unclipped.
- **Durable Components:** Features premium quality Igus bearings and a double seal system, chromoly steel spindle, and stainless steel springs.
- **Match System Compatibility:** Designed to integrate seamlessly with Crankbrothers clip-in shoes for an optimal shoe/pedal interface.

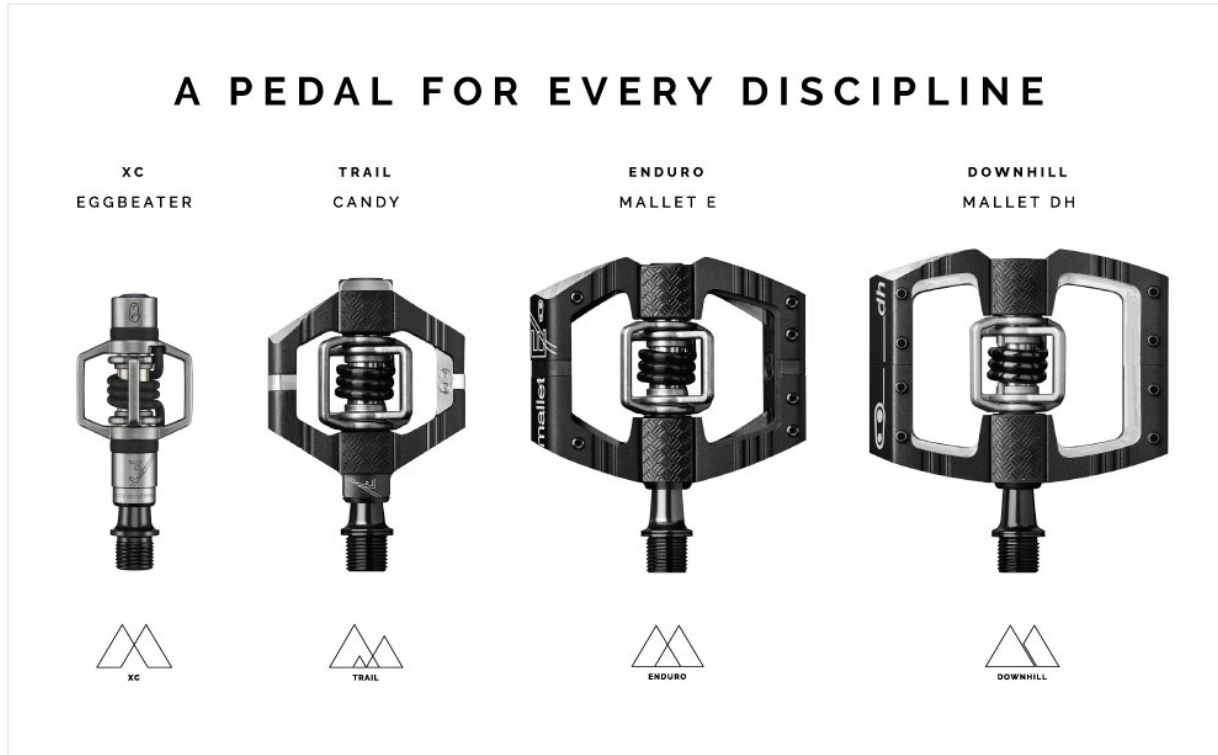


Image 2: Diagram highlighting key features of the Crankbrothers Candy 1 Pedal, including the lightweight composite body, ribbed body, stamped wings, and premium internals.

### 3. SETUP

#### 3.1 Pedal Installation

1. Ensure your crank arms are clean and free of debris.
2. Apply a small amount of grease to the pedal threads.
3. Identify the left (L) and right (R) pedals. The right pedal threads clockwise, and the left pedal threads counter-clockwise.
4. Carefully thread each pedal into its corresponding crank arm by hand to avoid cross-threading.
5. Tighten the pedals securely using an appropriate pedal wrench. Do not overtighten.

#### 3.2 Cleat Installation and Adjustment

The Crankbrothers Candy 1 pedals come with premium brass cleats and shims. Proper cleat placement is crucial for comfort and efficiency.

1. Attach the cleats to your compatible cycling shoes using the provided hardware.
2. Adjust the cleat position (fore/aft, side-to-side, and rotation) to align with your natural foot position on the pedal. Start with a neutral position and fine-tune as needed.
3. The customizable float and release angle can be adjusted by changing the cleat orientation or using different cleat types (e.g., 0-degree float cleats for a more fixed position). Refer to the cleat packaging for specific adjustment details.
4. Ensure all cleat bolts are securely tightened before riding.





Image 3: Cleat installed on a cycling shoe, demonstrating the interface with the pedal.

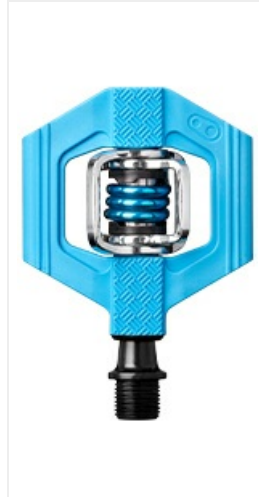


Image 4: Various Crankbrothers cleat options for different float and release angles.

## 4. OPERATING THE PEDALS

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### 4.1 Clipping In

To clip into the pedal, place the front of your cleat onto the pedal's spring mechanism and push down firmly with your heel. You should hear a distinct "click" indicating that the cleat is securely engaged. The 4-sided entry system allows for easy engagement from multiple angles, which is particularly beneficial in challenging terrain or when starting from a stop.

### 4.2 Clipping Out

To unclip, rotate your heel outwards, away from the bicycle. A firm twist of the heel will disengage the cleat from the pedal. Practice clipping in and out in a safe, controlled environment before riding in traffic or on trails.

### 4.3 Riding Unclipped

The ribbed body of the Candy 1 pedal provides additional traction when riding unclipped, allowing for versatility in situations where clipping in is not desired or possible.

Your browser does not support the video tag.

Video 1: Product Overview Video demonstrating the features and operation of Crankbrothers Candy Pedals. This video is provided by Amazon Product Imaging.

## 5. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your Crankbrothers Candy 1 pedals.

- **Cleaning:** After each ride, especially in wet or muddy conditions, clean your pedals with water and a mild detergent. Remove any accumulated dirt or debris from the spring mechanism and pedal body.
- **Lubrication:** Periodically apply a small amount of light grease to the pedal spindle and the cleat engagement mechanism to ensure smooth operation and prevent corrosion.
- **Bearing Check:** The pedals feature premium Igus bearings and a double seal system designed for durability. If you notice any excessive play or grinding in the pedal rotation, it may indicate wear in the bearings. Consult a qualified bike mechanic for inspection and service.
- **Cleat Inspection:** Regularly inspect your cleats for wear. Worn cleats can make clipping in and out difficult and may lead to accidental unclipping. Replace cleats as needed.
- **Bolt Torque:** Periodically check the tightness of the pedal installation bolts and cleat bolts. Refer to your bike's manufacturer specifications for recommended torque values for pedal installation.



Image 5: Exploded view of the Crankbrothers Candy 1 Pedal, illustrating its internal components for maintenance reference.

## 6. TROUBLESHOOTING

- **Difficulty Clipping In/Out:**
  - Check for dirt or debris in the pedal mechanism or on the cleats. Clean thoroughly.
  - Inspect cleats for wear. Replace if excessively worn.
  - Ensure cleats are correctly installed and tightened on your shoes.

- Adjust cleat position for optimal engagement and release.

- **Pedal Squeaking/Grinding:**

- Lubricate the pedal spindle and cleat engagement points.
- Check for loose components. Tighten pedal bolts to crank arms.
- If noise persists, the internal bearings may require service or replacement. Consult a professional mechanic.

- **Excessive Pedal Play:**

- This may indicate wear in the internal bearings or bushings. Professional service is recommended.

## 7. SPECIFICATIONS

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Feature	Detail
Brand	Crankbrothers
Model Name	Candy Clip-In Pedals (Candy 1)
Part Number	16169
Color	Black
Material	Composite
Item Weight	294 Grams (per pair)
Product Dimensions	3.3"L x 2.75"W
Spindle Material	Chromoly Steel
Bearings	Premium Igus bearings, double seal system
Cleats Included	Yes (Premium Brass Cleats with Shims)
Entry System	4-sided
Float & Release Angle	Customizable



Image 6: Dimensions and weight of the Crankbrothers Candy 1 Pedal.

## 8. WARRANTY AND SUPPORT

The Crankbrothers Candy 1 Clip-In MTB Bike Pedals are backed by a **5-year manufacturer warranty**. This warranty covers defects in materials and workmanship under normal use. For warranty claims, technical support, or further assistance, please contact Crankbrothers customer service directly or visit their official website.

For additional resources and product information, you may visit the [Crankbrothers Store on Amazon](#).