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## Cabrinha Overdrive Modular Control Bar

# Cabrinha Overdrive Modular Control Bar Instruction Manual

Model: Overdrive Modular Control Bar

## 1. PRODUCT OVERVIEW

The Cabrinha Overdrive Modular Control Bar is a versatile control system designed for kitesurfing, offering adjustability, customization, and simplicity. It allows riders to easily adapt their connection method to various riding styles such as Freestyle, Surfing, Freeriding, Foiling, or Racing.

This control bar is compatible with inflatable kites that utilize a single line (1X) security system. Key features include adjustable bar length, cleat trim for depower, and a modular system that enables quick changes to the connection method without tools.



**Image 1.1:** The Cabrinha Overdrive Modular Control Bar, showcasing the main bar assembly with lines and the various modular connection options (carabiner, ball, small loop, large loop) laid out below it. This image illustrates the complete system and its customizable components.

### Key Features:

- Easy adjust Overdrive bar end with 8cm width and leader adjustment.
- Fully retracting bungee line retainer.
- Soft, durable, and ergonomic injection EVA bar ends with flex grooves.
- Asymmetric design for superior comfort and traction.
- Simple and clean system design.
- Durable stainless steel cleat.
- Integrated bungee in trim line to reduce tail.
- Low 'V' connection for direct steering.
- 1X Centralized flagging line connection point.
- DSM Dyneema low elongation flying lines for direct and uncompromising performance.
- 8m lower front lines for convenient serviceability.
- Color coded line connection for improved safety.

## 2. SETUP

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Proper setup of your Cabrinha Overdrive Modular Control Bar is crucial for safety and performance. Always inspect all components before each use.

### 2.1. Unpacking and Inspection:

- Carefully remove all components from the packaging.
- Inspect the control bar, lines, and all modular connection methods for any signs of damage, wear, or defects. Do not use if any component appears compromised.

### 2.2. Attaching Modular Connection:

The Overdrive Modular Control Bar requires a separate modular connection selection (sold separately). Choose the appropriate connection method for your riding style (e.g., Freestyle, Surfing, Freeriding, Foiling, Racing).

1. Ensure the Quick Release mechanism is disengaged and clear.
2. Align your chosen modular connection (e.g., a specific loop or hook) with the Quick Release mechanism.
3. Securely attach the modular connection. The design allows for attachment/detachment without tools. Ensure it clicks or locks firmly into place.
4. Perform a gentle pull test to confirm the connection is secure before proceeding.

### 2.3. Line Connection:

The control bar features color-coded line connections for improved safety and ease of setup.

1. Unroll your kite lines, ensuring they are free of twists and tangles.
2. Identify the front lines and back lines of your kite.
3. Connect the color-coded lines from the control bar to the corresponding pigtailed lines on your kite. Typically, red connects to the left side, and blue/green connects to the right side, but always refer to your kite's specific manual for confirmation.
4. Ensure all knots are secure and properly seated.

### 2.4. Bar Length Adjustment:

The bar ends are adjustable to modify the bar width by 8cm. This allows for fine-tuning the steering response of your kite.

1. Locate the adjustment mechanism on the Overdrive bar ends.

2. Adjust the bar width as desired. A wider bar generally provides more direct steering, while a narrower bar can be more forgiving.
3. Ensure both bar ends are set to the same width for balanced control.

## 3. OPERATING INSTRUCTIONS

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The Cabrinha Overdrive Modular Control Bar is designed for intuitive operation. Familiarize yourself with its functions before entering the water.

### 3.1. Quick Release System:

- The Quick Release is a critical safety feature. Practice activating it on land until you can do so instinctively.
- To activate, pull the red handle firmly away from the bar. This will release the kite from your harness, flagging it out on a single line.
- To re-engage, follow the instructions provided with your specific Quick Release mechanism.

### 3.2. Depower System:

- The durable stainless steel cleat allows for easy adjustment of the kite's depower.
- To increase depower (reduce kite power), pull the depower line through the cleat.
- To decrease depower (increase kite power), release the depower line from the cleat.
- The integrated bungee in the trim line helps to reduce excess line tail, keeping the system clean and tangle-free.

### 3.3. Steering and Control:

- The low 'V' connection point provides direct steering response from the kite.
- Pulling the bar towards you increases kite power, while pushing it away decreases power.
- Steer the kite by pulling one side of the bar more than the other.

## 4. MAINTENANCE

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Regular maintenance will extend the lifespan of your Cabrinha Overdrive Modular Control Bar and ensure its safe operation.

### 4.1. After Each Session:

- **Rinse:** Thoroughly rinse the entire control bar, lines, and Quick Release mechanism with fresh water to remove salt, sand, and dirt.
- **Dry:** Allow all components to dry completely in a shaded, well-ventilated area before storage. Avoid direct sunlight, which can degrade materials over time.
- **Inspect:** Perform a quick visual inspection for any new signs of wear, fraying lines, or damage to the bar ends or Quick Release.

### 4.2. Periodic Maintenance:

- **Line Inspection:** Regularly check the DSM Dyneema flying lines for any nicks, cuts, or excessive wear. Pay close attention to areas that experience high friction, such as where they pass through the bar or connect to the kite. Replace lines if significant wear is observed.
- **Quick Release Service:** Periodically disassemble (if applicable and per manufacturer's instructions) and clean the Quick Release mechanism. Lubricate moving parts with a marine-grade lubricant if recommended by Cabrinha. Ensure it operates smoothly.

- **Bar End Inspection:** Check the EVA bar ends for tears or excessive softening. Ensure the adjustment mechanism for bar width is functioning correctly.
- **Cleat and Bungee:** Inspect the stainless steel cleat for corrosion or damage. Check the integrated bungee for elasticity and ensure it retracts properly.

#### 4.3. Storage:

Store the control bar in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid storing it in a way that puts kinks or excessive stress on the lines.

### 5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Cabrinha Overdrive Modular Control Bar.

Problem	Possible Cause	Solution
Kite not steering properly / uneven pull	<ul style="list-style-type: none"> <li>• Lines tangled or twisted.</li> <li>• Uneven line length.</li> <li>• Bar ends set to different widths.</li> </ul>	<ul style="list-style-type: none"> <li>• Untangle and untwist lines before launching.</li> <li>• Check and adjust line lengths if necessary (refer to kite manual).</li> <li>• Ensure both bar ends are adjusted to the same width.</li> </ul>
Quick Release not activating smoothly	<ul style="list-style-type: none"> <li>• Salt/sand buildup.</li> <li>• Lack of lubrication.</li> <li>• Damage to mechanism.</li> </ul>	<ul style="list-style-type: none"> <li>• Rinse thoroughly with fresh water after each use.</li> <li>• Clean and lubricate moving parts periodically (if applicable).</li> <li>• If damaged, discontinue use and seek professional repair or replacement.</li> </ul>
Depower line not holding position	<ul style="list-style-type: none"> <li>• Cleat worn or damaged.</li> <li>• Line wear.</li> </ul>	<ul style="list-style-type: none"> <li>• Inspect the stainless steel cleat for wear. Replace if necessary.</li> <li>• Check the depower line for fraying. Replace if worn.</li> </ul>

If you encounter issues not listed here, or if solutions do not resolve the problem, contact Cabrinha customer support or a certified kitesurfing technician.

### 6. SPECIFICATIONS

Attribute	Detail
Brand	Cabrinha
Model Name	Overdrive Modular Control Bar
Product Dimensions	10 x 30 x 10 cm (Length x Width x Height)
Size	Medium
Manufacturer Reference	889841194761

Attribute	Detail
ASIN	B07Z46BBXY
Date First Available	Sept. 2 2020
Manufacturer	CABRINHA
UPC	889841194761

## 7. WARRANTY AND SUPPORT

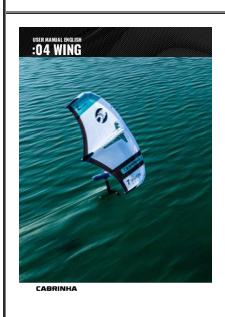
For specific warranty information regarding your Cabrinha Overdrive Modular Control Bar, please refer to the warranty card included with your product or visit the official Cabrinha website.

Cabrinha products are designed for durability and performance. In the event of a manufacturing defect or if you require technical assistance, please contact Cabrinha customer support or your authorized dealer.

**Official Website:** For the most up-to-date information, product registration, and support resources, please visit [www.cabrinhakites.com](http://www.cabrinhakites.com).

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### Related Documents - Overdrive Modular Control Bar

	<p><a href="#"><u>Cabrinha 2025 C.O.S. User Manual: Kiteboarding Control System Guide</u></a>  Comprehensive user manual for the Cabrinha 2025 C.O.S. (Control System) kiteboarding control bar. Learn about setup, operation, safety, maintenance, and best practices for kiteboarding and snowkiting.</p>
	<p><a href="#"><u>Cabrinha :02 Kite User Manual</u></a>  Comprehensive user manual for the Cabrinha :02 Kite, covering safety warnings, recommended practices, snow use guidelines, introduction, important information on wind, water, weather, ability level, location, kite care, beach etiquette, area of operation, power zones, kite overview, setup instructions, tuning, repairs, and a glossary of kiteboarding terms.</p>
	<p><a href="#"><u>Cabrinha 04 Wing User Manual: Safety, Setup, and Care Guide</u></a>  Comprehensive user manual for the Cabrinha 04 Wing, covering essential safety warnings, recommended practices, setup instructions, wing care, beach etiquette, inflation details, repair guides, and a glossary of terms for wing surfing and wind sports.</p>



#### [Cabrinha 2006 Kite User Manual: Crossbow, Contra, Revolver, CO2](#)

Comprehensive user manual for Cabrinha kites from 2006, covering models like Crossbow, Contra, Revolver, and CO2. Includes essential safety guidelines, setup instructions, operation, and maintenance for kitesurfing.



#### [Cabrinha :02 Wing User Manual - Safety, Setup, and Repair Guide](#)

Comprehensive user manual for the Cabrinha :02 Wing, covering safety warnings, recommended practices, setup instructions, inflation, care, repairs, and a glossary of terms for wing surfing.



#### [Cabrinha 01 Fall Fusion Foil User Manual: Assembly & Care](#)

Comprehensive user manual for the Cabrinha 01 Fall Fusion Foil, detailing assembly instructions for Fusion Hybrid, Carbon, and DA models, along with essential care and safety guidelines for kiteboarding.