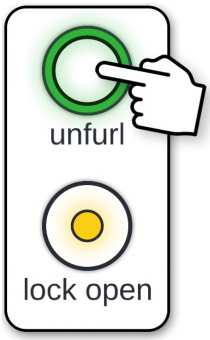
How to operate the boom drive

BFE-100/125/165
Software V2.0x

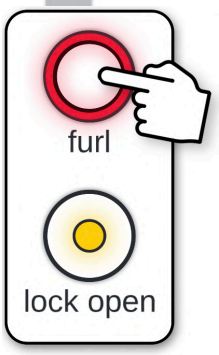


HOISTING THE SAIL

- **Function**: Unlocks the boom drive to hoist the sail with the halyard.
- **How to use**:
  1. Press the ***unfurl*** button briefly until the yellow control light starts blinking. This indicates the boom lock is opening.
  2. The lock is fully open when both the ***unfurl*** button and control light stay on. Hoist the sail with the halyard.
  3. To lock the boom drive, briefly press ***unfurl*** again (or any other button). The blinking control light shows the lock is closing.

  ➥ Once all lights turn off, the lock is fully closed. The boom drive is now ready to handle sail forces. Use the halyard to adjust the luff tension if needed.
- **Alternative operation**: Press and hold ***unfurl***. The boom stays unlocked and in freewheel mode as long as the button is pressed. Releasing the button re-engages the lock shortly after.

Note: The boom furler can rotate freely up to a specific RPM limit. Be cautious with fast winch speeds as exceeding this limit may damage the system. Consult the manual for the allowable RPM and corresponding halyard line speed for each model.



FURLING AND REEFING

- **Function**: Rolls the sail back onto the mandrel for storage or reefing.
- **How to use**:
  1. Press and hold the ***furl*** button. The yellow control light blinks as the lock opens, which takes about 3 seconds.
  2. Once the control light is steady, the furling begins. Ease the halyard and adjust its tension to control the furling process.
  3. Release the ***furl*** button to stop. The system briefly waits before the lock closes, allowing furling to continue if needed. As all lights turn off, the lock is closed.
- **Slow speed function**: While holding the ***furl*** button, additionally press ***flatten*** to reduce the furling speed. Release ***flatten*** to return to normal speed. *(not for BFE-100)*



THE FLATTEN FUNCTION (BFE-125/-165 only)

- **Function**: Instantly furls the sail without the usual delay from opening the lock. The furling speed is slower compared to the regular furl function.

  Note: The operation of the flatten function is limited to 5 seconds per time.
- **Purpose**: Tensioning the luff or making minor adjustments to the sail height such as positioning the sail precisely at a reef.
- **How to use**:
  1. Press the ***flatten*** button to tighten or pull down the luff.
  2. A clicking sound from the boom will be heard; this is normal.

How to use the remote control

BFE-100/125/165
Software V2.0x



GENERAL INFORMATION

- **How to use the remote:**
  1. Activate: Press the green ***START*** button before each use.
  2. Operation: Press the relevant button for the desired function.
  3. Deactivate: Press the red ***STOP*** button to avoid accidental activation.
- **Function**: The remote control provides the same functionality as the panel buttons, allowing you to control the furling system from a distance. However, there are a few key differences:
  - The remote turns off automatically after 2 minutes of inactivity. Reactivate it by pressing the ***START*** button.
  - The buttons are backlit but have no visual feedback when pressed.



HOISTING WITH THE REMOTE

- **Recommended method**: Press and hold the ***unfurl*** button to unlock the boom. The boom lock will remain open as long as the button is pressed, and it will close automatically when released.

  Important: Because there is no visual feedback on the remote to show if the lock is open or closed, we do **not** recommend using the latching mode (brief button press) as described for the control panel.
- **How to use**:
  1. Press and hold the ***unfurl*** button to unlock the boom. Wait at least 3 seconds before hoisting the sail.
  2. Hoist the sail with the main halyard.
  3. Release the button to lock the boom furler.



FURLING WITH THE REMOTE

- **How to use**:
  1. Press and hold the ***furl*** button. The boom furler will start rotating after approximately 3 seconds.
  2. Ease the halyard and adjust its tension to control the furling process.
  3. Release the ***furl*** button to stop. The boom locks within 5 seconds.



THE FLATTEN FUNCTION (BFE-125 only)

- **Function**: Instantly furls the sail without the usual delay from opening the lock. The furling speed is slower compared to the regular furl function. Press ***flatten*** to tension the luff or for making minor adjustments to the sail height such as positioning the sail precisely at a reef.

Note: The operation of the flatten function is limited to 5 seconds per time.