MAX POWER

CONTROL TO THE MAX

ECO REMOTE CONTROL



INSTALLATION OPERATION MAINTENANCE

USER MANUAL

THIS MANUAL MUST BE KEPT ON BOARD AT ALL TIMES

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It is strongly advised that only qualified marine electricians should install this equipment. For any boat requiring official classification, bodies of approval should also be consulted at the earliest opportunity. In any case, all other bodies, governmental or otherwise, should be contacted to ensure conformity with legal regulations relating to the boat in question.

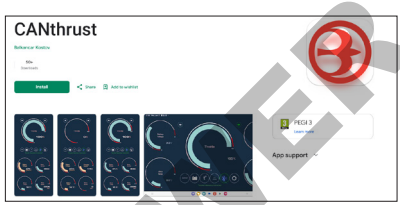
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IT IS ESSENTIAL TO READ
THE FOLLOWING MANUAL CAREFULLY
BEFORE INSTALLING THIS EQUIPMENT

1. Pair remote to thruster's joystick

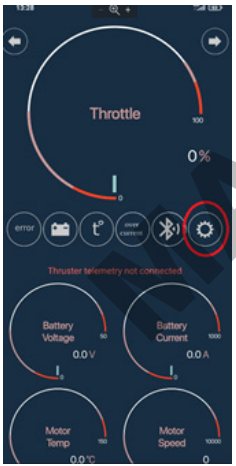
The remote (ref. 636823) does not need a seperate receiver, since the receiver is already integrated to the ECO proportional joystick of the thruster. To pair the remote to the thruster the following procedure needs to be followed :

A. Download and install the Canthrust app from Google store (smartphone must have android OS 8 or newer, to connect to the joystick all permissions must be provided to the app, activate Bluetooth, GPS and internet data to connect):

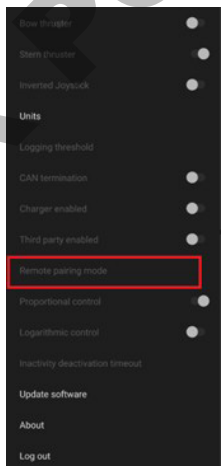


B. Activate the ECO thruster

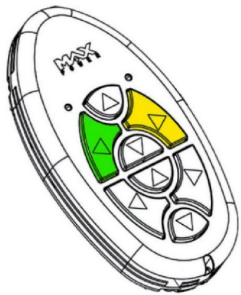
C. Navigate to the "Settings" via the app UI:



D. Tap the "Remote Pairing Mode" option:



E. Press the top left or top right button on the remote you want to pair:



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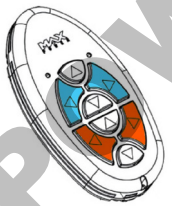
F. Pressing the top left-right button on the remote controller should now be indicated by the LEDs on the ECO joystick

A 4-second delay is applied when switching control between the joystick and the remote control.

- When operating the unit with the joystick, the joystick must be returned to the neutral position and remain untouched for at least 4 seconds before control can be transferred to the remote control.
- Similarly, when operating the unit with the remote control, no buttons must be pressed for at least 4 seconds before control can be transferred to the ATCCM or the joystick.This delay prevents unintended control switching and ensures safe operation.

2. Remote functionalities

The upper port & starboard buttons of the remote (highlighted in **blue** color below) control the **bow thruster**. The lower port & starboard buttons (highlighted in **orange** color below) control the **stern thruster:**



Green Starboard Indication Light: The green indication lights up signaling Starboard side operation. The light stays ON as long as a starboard button is kept pressed:



Red Portside Indication Light: The red indication lights up signaling Portside operation. The light stays ON as long as a portside button is kept pressed:



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• Functionality #1: Proportional thrust operation (0 – 100% trust)

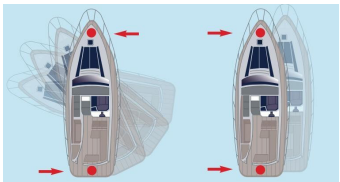
NOTE: In order to use the MAX POWER Remote Control the thruster(s) must first be activated by the corresponding joystick(s) at the pedestals (press and hold both joystick buttons for 3 seconds). By pressing any of the port or starboard buttons the thruster will go from zero throttle to maximum throttle in the corresponding direction. 100% throttle would be reached in 6 seconds after the initial button press. After releasing the button, the throttle level will return back to 0%. If the opposite direction button is pressed within 0.5 seconds of the release of the first one, the thruster direction would be reversed while keeping the previously set throttle level. This function may be used to cancel out the previous maneuver.

• Functionality #2: Hold function Activation and Deactivation

Press and hold the port or the starboard button. When the desired throttle level is reached, the hold function can be activated by releasing and pressing the same button again within 0.5s of the release. The now set throttle will be maintained for as long as the button is kept pressed.
Example: Press and hold the port button of the bow thruster for 3 seconds, 50% throttle would be reached. Let go of the button and immediately press it again. The 50% throttle is now set for as long as the button is kept pressed. When the button is released the hold function will be deactivated and the throttle level will return back to 0%. While the hold function is active, if an opposite direction button is pressed within 0.5 seconds of the initially active button release, the direction will be reversed while keeping the previously established throttle level.

• Functionality #3: Lateral or 360° maneuver with both thrusters and Hold function

NOTE: For this maneuver both thrusters must be activated from the corresponding joysticks. To initiate the maneuver, activate the hold function from one of the thrusters (bow or stern) at the desired throttle level and direction with one hand. Pressing the port or the starboard button of the other thruster with the other hand will deliver the same throttle as the first thruster and depending on which button of the second thruster is pressed the boat will perform a lateral or a 360° maneuver.
While keeping at least one button continuously pressed the current level of throttle is maintained. You may fine-tune the movement by releasing one button and keeping the other pressed. Alternating between the two buttons keeping at least one pressed at the time would maintain the previously established hold level of the thruster system.


Bow and Stern Thruster

NOTE: The up/down buttons with the white arrows are not used to control the thruster system. They are reserved for control of other systems developed by MAX POWER.

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3. Remote charging Instructions

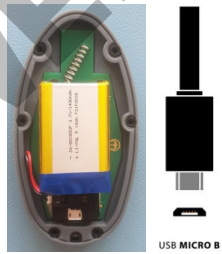
If the range of your MAX POWER Remote Control decreases dramatically or it stops all together, please recharge the battery by going through the following steps:

1. Untighten the screws at the back of the Remote Control's plastic enclosure.

2. Remove the back part of the Remote Control's plastic enclosure.



3. Slide the Remote Control out of the front part of the plastic enclosure so the USB type Micro-B connector is accessible



4. Plug in a USB type Micro-B into your Remote Control and connect the other side of the USB cable to a USB smartphone charger or a USB port on a computer.



5. Charge the Remote Control for at least two and a half hours (2.5 h), in order to ensure full battery charge.

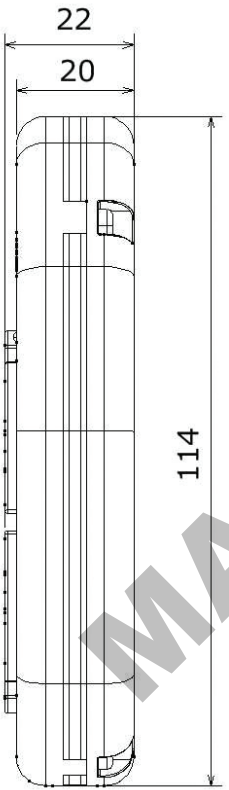
NOTE: Charging time may vary based on the charge source, so please stick to the recommended charge time.

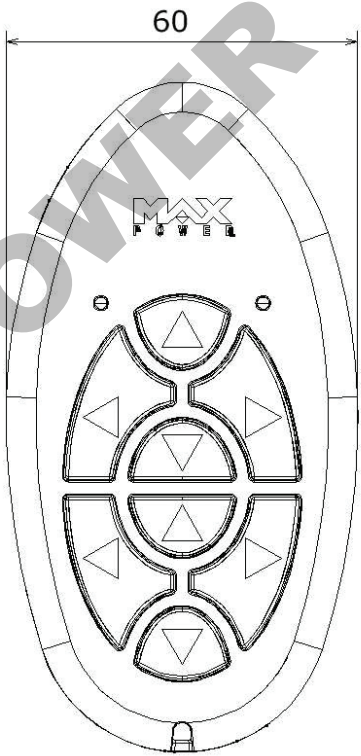
6. After the charge time has elapsed, remove the USB type Micro-B from your Remote Control and reassemble the enclosure by screwing the back and front enclosure parts together.

NOTE: Making sure all screws are tightened evenly in order to ensure optimal sealing.

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4. General dimensions





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5. Warranty:

Warranty coverage

The equipment is guaranteed to be free of manufacturing and operation defects under normal usage conditions for a period of 2 years from the date of purchase by the end user (upon production of sales receipt or other proof of purchase). This warranty is transferable to subsequent owners of this equipment during the period of coverage. If the remote control is used for any purpose other than leisure boat equipment, the warranty is limited to 6 months.

ANY MODIFICATION OF THE PRODUCT
WILL RESULT IN THE ANNULMENT OF THE WARRANTY

Warranty Exclusions

- The manufacturer's warranty **does not cover:**
- Damage caused by modifications or an installation contrary to published specifications
- Damage due to repairs performed by an unauthorized service centre
- Damage due to lack of normal maintenance
- Damage due to water
- Cost of hauling the boat
- Parts replaced due to normal wear and tear
- Repairs performed without the knowledge of the manufacturer (please contact dealer to receive Repair AuthorizationNumber)
- Cost of travel to and from the job site
- Repairs due to an incorrect installation
- Repairs carried out by the end user on the equipment
- Tampering of equipment by the end user
- Cost of economic loss, including injury to any person, damage to property, loss of income or profit, communication,lodging, inconvenience
- Consequential damage due to failure, including those arising from collision with other vessels or objects

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