



**NTSYSTEMS**

ELECTRIC PROPULSION MADE EASY

**THROTTLE LEVERS  
TECHNICAL DATASHEET**



## About our throttle levers

NT Systems throttle levers are designed for electric propulsion systems, yet their versatility allows for use in a variety of applications. They provide robust control capabilities for managing multiple motor installations and stations.

Additionally, multiple models offer various mounting options, allowing for both top or side-mount installations. An NFC-enabled keycard unlocks the throttle lever, allowing you to start your vessel with a simple touch.

Intuitive use and ergonomic design ensures comfortable and effortless control. For clear status indication, multicolor LED indicators display the neutral detent position and different operating modes.

### Key Features

- + Top or side-mount option
- + NFC Keycard: Unlock & Start
- + Manoeuvring mode
- + Adjustable friction and detent
- + Multiple stations & motor installations
- + Interlock mechanism
- + Trim control



The top-mount throttle lever comes in two configurations: single and twin. Twin levers offer separate port and starboard control, while the single lever features a simpler setup with interlinked levers.



The side-mount comes in left and right configurations. It offers optional trim function for easy propeller angle adjustment and an interlock mechanism to prevent unintended operation of the drive.

## Technical specifications

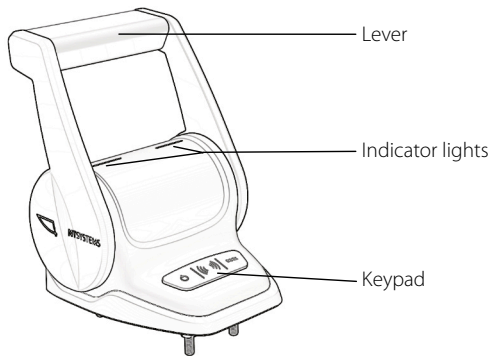
Model	Top-mount	Side-mount
Finish material	Highly resistant ceramic coating, PA12 with soft touch coating	
Supply voltage	12/24 V	
Power rating	0.7 W - 1.6 W	
Connector	5 pin, M12	
Communication	CANbus (optional 2x CAN)	CANbus
Mounting	Top-mount, 4 x M6 bolts	Side-mount, 4 x M5 bolts with mounting bracket
Lever angle range	+/- 70°	
Footprint dimensions [mm]	119.7 x 143	165 x 106
Height [mm]	169	108
Weight [g]	1540 (single 1465)	1005
Life expectancy	>1.000.000 lever movements and button presses	
Usage	Indoor / Outdoor (IP66)	
Operating temperature	-25 - 70 °C	
Storage temperature	-40 - 85 °C	



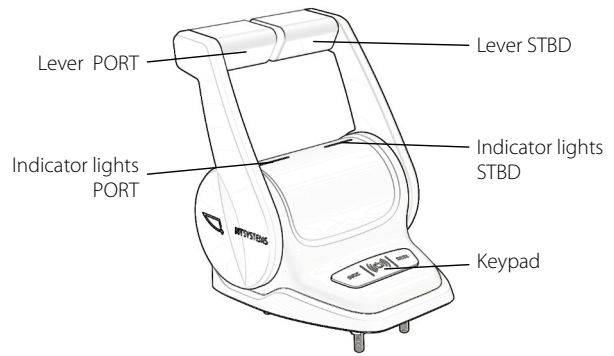


# Top-mount throttle lever

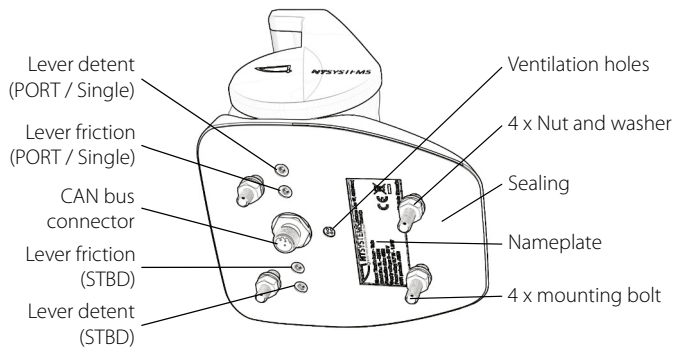
## Technical drawings and overview of controls and components



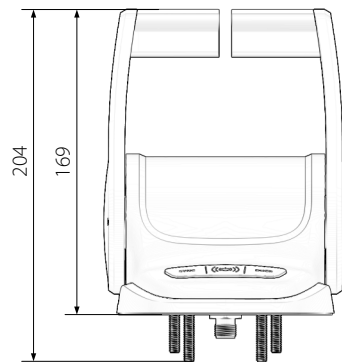
Overview of throttle lever - Single



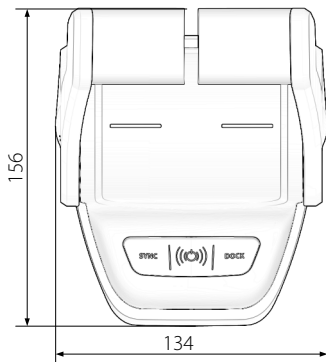
Overview of throttle lever - Twin



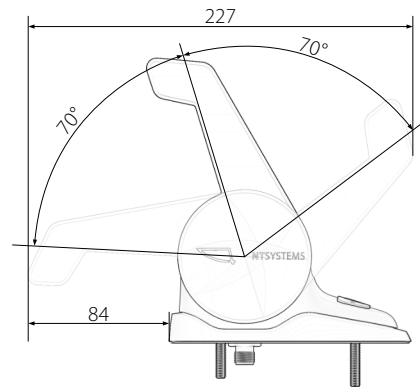
Throttle lever - bottom view (Twin and Single)



Dimensions - Front view (Twin and Single)



Dimensions - Top view (Twin and Single)



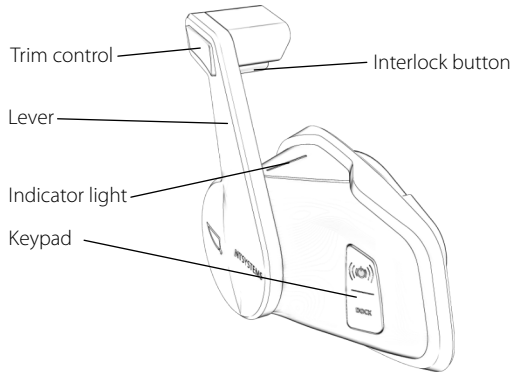
Dimensions - Side view (Twin and Single)



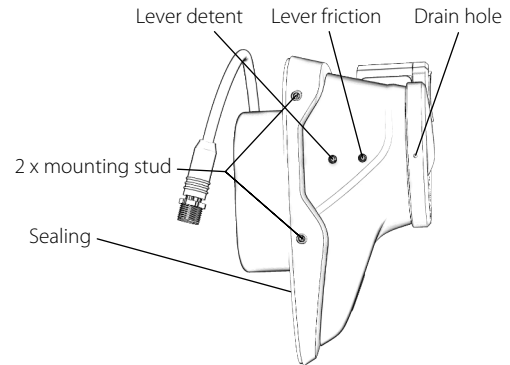


# Side-mount throttle lever

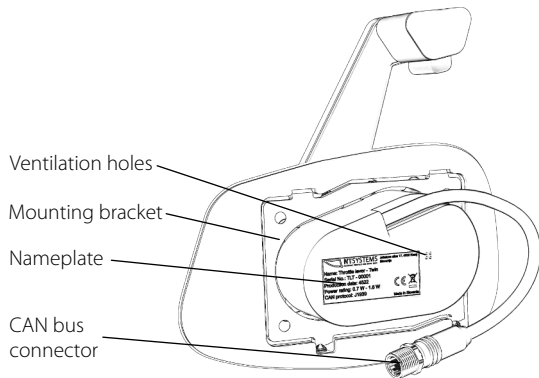
## Technical drawings and overview of controls and components



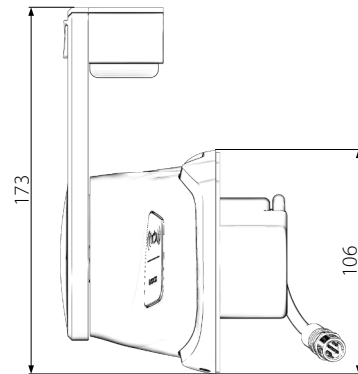
Overview of throttle lever - Front



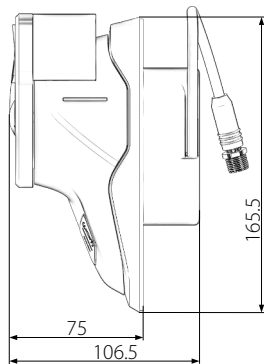
Overview of throttle lever - Bottom



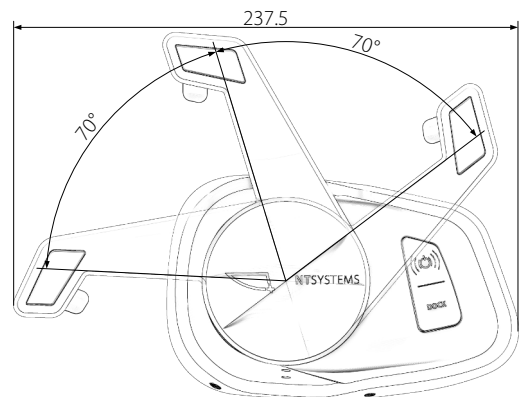
Throttle lever bottom view - Back



Dimensions - Front view



Dimensions - Top view



Dimensions - Side view

Disclaimer: The specifications provided are subject to change without notice. Always refer to the latest version available on our website.



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