

# Technical Data Sheet

## NOVA – XL Proportional



### General description

- Ergonomically and ruggedly designed, with a maximum of variability
- Ultimate performance and maximum ease of use
- Customized solutions for your nonstandard applications
- Key switch, stop button, LED status display, toggle switches, push buttons, multifunction display, LED light, 8 linear control levers maximum in Y direction or 4 joysticks in X / Y direction, individual labelling available
- Receiver programming via transmitter (Quick-Set)
- Cable control
- Several types of feedback available (f. e. LCD, LED etc.)
- Tandem operation available



### Control functions and accessories

- 1 Start button
- 2 Key switch
- 3 Stop button (unlock by turning clockwise)
- 4 Joystick or linear control lever proportional (stepless)
- 5 Toggle switch, push button
- 6 LED status display green / red
- 7 Battery charger with original HETRONIC battery

**NOTE:** Only use genuine HETRONIC parts. Not doing so introduces the risk of serious damages and will result in the loss of your guarantee.



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## Safety check

**Attention:** You have to read and understand the operating manual of the radio remote control and the machine before operation is started!

Check the proper operation of the **stop button** before operating the machine.

Please check the following items each time before using the system!

- Check the transmitter for damages
- Check the function of the stop button by means of the LED status display ⑥ (transmitter ON: LED is flashing / stop button pushed: LED is flashing faster)
- When the transmitter is switched on, you will hear an acoustical signal (standard adjustment)

## Operation of the transmitter

**The transmitter may only be operated by instructed persons!**

Insert a fully charged battery into the battery compartment of the transmitter.

Start the transmitter by using the **key switch** ②. Now, the **LED status display** ⑥ has to flash green and an acoustical signal will prove the system check (approx. 2 seconds).

After the system check you may start the system by activating the **start button** ①. You can control the designated function by activating the **joysticks** ④, the **toggle switches** or the **push buttons** ⑤.

Now, the activated functions are transmitted to the receiver. The individual functions of the buttons are described in the enclosed drawings!

You can stop the system using the **stop button** ③ (only use in case of an emergency).

**LED status display:** flashing green = transmitter activated

flashing green / red = low voltage indication 10 minutes in advance

**Buzzer:** A low voltage is signalled by an intermittent sound.

After approx. one minute the transmitter switches off.

## Technical data

<b>Material</b>	Polyamid with glass fibre
<b>Weight</b>	1800 g
<b>Dimensions</b>	H 165/ B 315/ T 170 mm
<b>Diagnostics</b>	Status LED
<b>RF technology</b>	Synthesizer
<b>RF output</b>	< 10 mW
<b>Temperature range</b>	-25° up to +70° C
<b>Antenna</b>	internal
<b>Frequency range</b>	434/869 Mhz (for EU, further frequencies on request)
<b>Safety address</b>	20 bit (1 Mio.)
<b>Protection type</b>	IP 65 (exceeds Nema 12/13)
<b>Operating time</b>	more than 20 h possible
<b>Power supply</b>	3,6 V DC

## Dimensions

