

**General Description**

- Absolutely reliable, even under extreme conditions
- TÜV certified according to EN ISO 13849-1 and EN 62061
- Extremely robust and sturdy transmitter for digital and proportional applications
- Ample space for positioning of the control elements
- Key switch, stop button, toggle switches, push buttons, chest plate, joysticks in X/Y/Z direction with digital or stepless functions, excavator joysticks
- Variety of customised solutions available
- Receiver programming via transmitter possible (Quick-Set)
- Optional cable control
- Feedback via LED and display available
- Integrated battery charging function possible



**Control Functions and Accessories**

- ① Start button
- ② Key switch
- ③ Stop button
- ④ Toggle switch
- ⑤ Knob-operated switch
- ⑥ Joystick
- ⑦ LED status display
- ⑧ Battery monitoring
- ⑨ Antenna
- ⑩ Original ABITRON battery charger and battery



## Safety Precautions

**Attention:** Make sure that you have read and fully understood the manuals to both the safety radio remote control and the machine to be operated prior to commissioning!

Always check if the stop function is working properly before operating the machine.

Please check the following points prior to each machine operation!

- ✓ Inspect the transmitter for possible damage
- ✓ Check the function of the stop button ⑤ by means of the LED status display ⑦ (Transmitter on: LED flashes / if stop button is activated: LED flashes faster)
- ✓ You will hear an audible signal when activating the transmitter (default setting)

## Transmitter Operation

The transmitter may only be operated by trained and authorised personnel! Insert a fully charged battery in the battery compartment of the transmitter. Start the transmitter by turning the key switch ②. The LED status display ⑦ will now flash green and a buzzing sound will confirm the system check (approx. 2 seconds). After the startup procedure you can start the system with the start button ①. With the joysticks ③ and the toggle switches ④ you can activate the designated function. The activated functions are now being transmitted to the receiver. The specific functions of the buttons/switches are described in the enclosed drawing!

You can stop the system by engaging the stop button ⑤ (conduct only in case of emergency).

**LED status display:** Flashing = Transmitter is ready for operation

**Buzzer:** An interval signal gives notice in case of low battery voltage. After approx. 30 seconds the transmitter will shut down.

## Technical Data

Material	polyamide with glass fibre
Weight	approx. 5860 g
Diagnostics	status LED
RF technology	synthesizer
RF output	< 10 mW
Temperature range	-25 up to +70° C
Antenna	internal or external
Frequency range	434/869 MHz (for EU, other frequencies upon request)
Safety address	20 bit (1 Mio.)
Protection type	IP 65
Operating time	20 hours and more
Power supply	3,6 / 9,6 VDC

## Dimensions

