

Main Features

New model made to have maximum performance and minimum size. It's designed for hydraulic truck crane with 4/5 functions. Equipped with a practical belt clip, KRON will amaze you with its maneuverability and ease of use thanks to the design of its handle, which will make comfortable any work situation.

KRON is available in three version:

- **Basic:** fast/slow
- **Standard:** DSC, IN-SLOW, fast/slow, RPM +/-, engine on/off
- **Plus:** DSC, IN-SLOW, fast/slow, RPM +/-, engine on/off, light on/off, load indication 90%/100% by LEDs



Automatic frequency agility (AFA): Made with the "AFA" technology, it eliminates the risk of interference. The free channel among all those present is continuously researched and selected.

DSC Function: DSC (Dynamic Speed Control) function performs instantaneous speed corrections (in "slow mode") allowing the operator to better manage complex micro-movements dictated by the characteristics of the loads on the crane from time to time.

Radio calibration: It's possible to calibrate the response of the individual joystick via radio, so customizing the speed of all crane movements (PIN code required).

Event recording: store every event that would cause a failure or a crash, and the hours of work carried out by remote control.

PIN CODE: it's possible to set a security personalized PIN CODE which limits the use of the equipment to authorized personnel only.

STOP button: the new mechanical blocked button with dual reset system ensure the maximum level of security according to European and international standards and an ease of use unmatched.

Monoaxial Joystick: It's a product with unique features that borrows from the precision and comfort. Tested to 15.000.000 maneuvers and equipped with +/-40° angle of tilt, these are just some of the numbers of this amazing product, designed and developed on the "OPTICAL SENSE" technology.

Status LEDs: All the transmitter units are equipped with LEDs to signal the operating status, the battery charge status and fault messages.

Selection and movements command: a wide range of switches, buttons and potentiometers able to meet any demand and customization. They are extremely comfortable and are suitable for long shifts even with the use of gloves.

Ergonomic belt: The practical belt clip allows the operator to completely free your hands to better follow the hitching/release of the crane load.

Materials: The remote controls enclosures are made with synthetic composite materials complying with RoHS standards and able to ensure the best performance in terms of robustness, mechanical and thermal stability (operating temperatures from -25°C to +55°C), resistance to the exposure in chemically aggressive environments.

New removable and rechargeable NiMH batteries: Up to 18 hours of continuous operation! The new NiMH batteries provide a longer life and a significant memory effect. The positioning inside the transmitter unit makes easy removal and protected from any penetration of liquids. The golden contacts ensure stability and durability of the electrical connection.

Command panel: customizable printing for your needs.





Technical Features

- **Dimensions** 180 x 107 x 160 mm
- **Weight (including battery)** max 880 g
- **Range** 100 m
- **Maximum number of ON/OFF commands** 56
- **Maximum number of analog commands** (optional) 16 (19)
- **Joystick commands UMFS = Unintended Movement From Standstill (ISO 13849-1:2006 6.2.6 architecture)** Up to 16
- **Number of service and security commands** 3 (Start, Clacson, Stop)
- **Casing materials** Nylon UL94 HB
- **Power supply** 3,6 Vdc
- **Power consumption** 95 mA
- **Maximum power supply** 0,35 W
- **Battery NiMH** 3,6 V - 2,2 A/h
- **Autonomy at 20°C with fully charged battery** Approx 22 hours
- **Notice low battery time** About 15 min
- **Character display speed on the display** 100 char/s
- **1 STOP command (ISO 13849-1:2006 6.2.7 architecture)** PL e, Categoria 4 / SIL 3
- **Operating frequency 1** I.S.M. Band 433.050-434.790 MHz
- **Number of programmable channels:** 69 AFA mode (Adaptive Frequency Agility) or fixed channel
- **Maximum power:** 1 mW e.r.p.
- **Operating frequency 2** I.S.M. Band 434.040-434.790 MHz
- **Number of programmable channels:** 30 AFA mode (Adaptive Frequency Agility) or fixed channel
- **Maximum power:** 10 mW e.r.p.
- **Operating frequency 3** 2,4 GHz, 16 ch
- **Buzzer** Internal
- **Operating temperature** -25°C ÷ +55°C
- **Storage temperature** -40°C ÷ +85°C
- **Supply** Single battery
- **Radio Transmission** Double (Single MTRS)
- **Output calibration** Through proportional calibration procedure
- **LEDs Link TX, Link RX, Error Codes**
- **Degree protection** IP 65