

RESCUE

Rescue Radio Remote Control is the optimal solution for operating platform, winch and headlight through a reduced size and great handling handheld.

A top safety level solution, 100% Made in Italy.



APPLICATIONS



RECOVERY VEHICLES

FEATURES

SAFETY

The **safety-related features** of Rescue radio remote control are:

- Double confirmation of the operation: the function to be operated has to be activated by selecting it with the selection button and confirming it with the Start button.
- Maintained functions: winch and platform operations stay active only if the related button is pressed. Once the button is released, the operation stops. Please see Options section if you need latched functions instead.
- 2 minutes' Time Out: the radio communication is timed out 2 minutes after last operation.
- Uniqueness: Each controller has a distinct factory-defined source code (over 4 billion IDs) that prevents its interaction with unidentified systems. Several devices can work in the same area without interference.

LEDs and BUTTONS 2 LEDs operate for indicating: platform or winch function selection, radio transmission, low battery. Buttons are the following: Start and Stop (top left and right), 4 arrow keys (middle), headlight (bottom left), function selection (bottom right).

BACKLIT KEYPAD Backlit keypad allows the recognizing of key functions in poor light conditions. The light sensor is placed on the handheld, between Start and Stop buttons.

IMPERMEABILITY Perfectly watertight with protection level IP67.

ERGONOMICS Ergonomic design, 10 mm. diameter buttons, small size and lightweight enable easy and effortless hold.

DURABILITY Highly resistant plastic is co-injected with a rubber shell that makes its hold firmer and protects from accidental falls, even from a 4 meters' height.

DURATION Maximum autonomy of 2.500 hours in stand-by and up to 200 hours of continuous transmission.

EMERGENCY OUTPUT It stays active for the whole duration of the work session. Therefore, it can be used for activating additional safety devices.

MASTER OUTPUT Indicated to command bypass valves or contactors for the pump activation in most hydraulic systems, Master Output is provided on all functions.

PROTECTION FROM POWER SUPPLY POLE INVERSION The use of specific components against power supply pole inversion grants the integrity of the device during installation and maintenance operations.

OUTPUT PROTECTION All the outputs are protected from short circuits, surges and inverse voltage. The integration of recirculation diodes on the outputs make the device perfectly suitable to command inductive loads, such as electro and solenoid valves.

WIRING The connector with a slide lock ensures easy installation, maintenance and cabling operations, while granting a durable connection. Standard provision is a cable 3 meters long.

EXTERNAL ANTENNA Double External Antenna: the controller may be used either with Stub or with Remote Antenna with a 5-m. cable (both provided).

External Antenna is the effective solution to installation locations not optimized for radio transmission, ensuring an increased input signal gain. A SMA screw-type connector grants long-lasting and rust-proof contact; by implementing specific procedures during the assembly phase, sealing is granted from external agents.



COMPLIANCE WITH STANDARDS

- Directive 1999/5/EC (R&TTE) Remote control and telecommunications equipment (Article 3, Article 10 and Appendix 4)
- EN 60950-1 Health and safety
- EN 301 489-3 Electromagnetic compatibility
- EN 300 220-2 Use of radio frequencies spectrum
- EN 60204-32 Electrical equipment safety
- Directive 2004/104/EC Vehicle electromagnetic compatibility

OPTIONS



LATCHED FUNCTIONS A particular cable connection can let the system work with Latched Functions instead of Maintained Functions. This option may be installed with an external switch (not supplied).



COLLAR Simple and effective solution for always having the Sistematica handheld available and at the same time for working hands free.

Equipped with a tear off connection, the collar complies with suffocation-proof safety standards. All Sistematica handheld devices are suitable for collar application, providing a durable ring specifically manufactured in the plastic casing.



SUPPORT Supports are realized in plastic material and prepared for fastening, using two screws (not supplied), to the vehicle.

The special design enables easy use of the Handheld even when on its support, while completely maintaining its functionalities.

The support can be supplied in a standard version, or equipped with a SafetyPoint™



RADIO-CAN Receiver for logic distribution based on CAN-Bus.

The ideal solution for integrating the Sistematica system with third party devices, such as PLCs or control units, as well as for creating Distributed systems, able to switch the commands from the handheld device towards several controllers.

Frequency	868 MHz – RESCUE KIT – ref. XKITSE411XFHX 915 MHz – upon request
Power supply	n. 2 AAA 1,5V batteries
Absorption in stand-by	~ 5 µA
Average absorption during transmission	25 mA
Maximum capacity	150 meters in free space and without obstacles
IP Protection	Controller: IP66 – Handheld: IP67
Handheld weight (with batteries)	120 g.
Dimensions (H x L x P)	Controller: 133x154x44 mm. – Handheld: 109x56x30 mm.
Voltage supply	12-24 Vdc±10%
Maximum current per output	5A
Total maximum current	20A
Connector	SICMA 24
Ambience working temperature	from -20°C to +55°C

