LIFT

Lift radio remote control is the optimal solution for operating through a reduced size and great handling handheld.
A top safety level solution, 100% Made in Italy.

APPLICATIONS

TAIL LIFTS

WHEELCHAIR ACCESSIBLE VEHICLES

AMBULANCES

FEATURES

SAFETY POINT™ SafetyPoint™ is the innovative **safety system** which makes safer the handheld activation and eliminates the risk of accidents
The system is composed of a handheld device that activates the radio communication only if it is near – about 1 cm. – a flexible and adhesive plate, the Safety Point Plate, applied without electrical connections.
Please pay attention: we do suggest to apply the Plate on the long side of the vehicle, towards the application.

SAFETY In addition to SafetyPoint™, Lift radio remote control has the following important **safety-related features**:
– Maximum capacity: -10 dBm, that means approximately 15 meters.
– Double Button Lift model: opening and closing operations have to be activated with simultaneous click of Start button and Opening/Closing Button.
– Double Click Lift model: opening and closing operations have to be activated with a double-click on Opening/Closing Button.
– Maintained function: the operation stays active only if the related button is pressed. Once the button is released, the operation stops.
– 2 minutes Time Out: the radio communication is timed out 2 minutes after last operation. Then it is necessary to go back to SafetyPoint™ for restarting it.
– 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 3 LEDs dedicated to: low battery indicator, SafetyPoint™ indicator, radio transmission indicator. Buttons: Start and Stop (top left and right), Lift Up and Lift Down (left side), Lift Open and Lift Close (right side). Double Button Lift model shows a green area visually illustrating that Open and Close functions are always related to Start button.

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 against 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. Nevertheless, Lift standard Master Output may be reconfigured before system installation.

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 makes 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 2 meters long.

BUILT-IN ANTENNA The antenna built into the controller box increases the overall durability of the device, by eliminating protruding parts that could be subject to breakage.

COMPLIANCE WITH STANDARDS Conforms relevant Union harmonisation legislation: 2014/53/EU
Art. 3(1)(a) HEALTH – EN 62479:2010
Art. 3(1)(a) SAFETY – EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013
Art. 3(1)(b) EMC – EN 301 489-1 V.2.2.0 Cap. 9.2; EN 301 489-3 V.2.1.1
Art. 3(2) RADIO SPECTRUM – ETSI EN 300 220-2 V.3.1.1 par. 4.5
Conforms relevant Union harmonisation legislation: 2004/104/EC
Conforms relevant USA legislation: FCC Part 15.249

OPTIONS

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 apt to fastening, using two screws (not supplied). 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 – LIFT DOUBLE BUTTON KIT – ref. XKITSE391AXAX 868 MHz – LIFT DOUBLE CLICK KIT – ref. XKITSE391XXAX 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	-10 dBm, that means approximately 15 meters
IP Protection	Controller: IP66 – Handheld: IP67
Handheld weight (with batteries)	120 g.
Dimensions (H x L x P)	Controller: 108x110x44 mm. – Handheld: 109x56x30 mm.
Voltage supply	12-24 Vdc±10%
Maximum current per output	5A
Total maximum current	10A
Connector	SICMA 24
Ambience working temperature	from -20°C to +55°C

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rev. 03/17