

EASY



Handheld device

Easy is a compact product with 2 to 6 buttons, as well as Start and Stop keys, or double them with the TiltingHand™ option.



Easy can host all the technological options in the Sistematica range:



CLOSELINK

Derived from technological enhancement, two-way CloseLink communication is at the heart of all Sistematica handheld devices and controllers. Thanks to constant interaction between these components, the operator always has the situation under control, since intervention is possible at any time with maximum efficiency.

15 asynchronous transmission channels and fast transmission speed reduce the probability of interference with external sources.

Asynchronous communication and a capacity of 150m in free space and without obstacles enables considerably more versatile use.

Highly efficient GFSK digital modulation ensures operation in difficult situations, while also considering the duration of the batteries.

Transmissions not interpretable by the controller because of disturbance or because they are weak are detected in real time and signalled to the handheld device. Sistematica makes available numerous optionals to inform the user of non-communication and to make use of the remote control more comfortable and safer.



UNIQUENESS

Each controller has a distinct source code that prevents its interaction with unidentified systems. Multiple Sistematica devices can work in the same area and you can be assured that the commands are always received and interpreted only by the destination device.

The 32 bit code enables Sistematica to have over 4 billion ID codes, making the handheld device-controller coupling internationally unique. In the event of replacement, it is possible to pair the new handheld device/controller with the due counterpart using a simple procedure, which can even be carried out by the end user.



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
- FCC part 15.249



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SAFETY

Possibility of combining the standard handheld device, systems and functions to control operator safety: the objective is total safety.



DURABILITY

The handheld devices are all manufactured in highly resistant moulded plastic with a rubber shell that makes its hold firmer and protects against knocks if dropped, guaranteed from a height of 4 metres. The absence of mechanical elements enables functioning in unfavourable environments, with a temperature range from -20°C to +55°C.



IMPERMEABILITY

Perfectly watertight with protection level IP67. The impermeability and adequate assessment of volumetric ratios enables Sistematica handheld devices to float, ensuring their appreciation also in nautical applications.



ERGONOMICS

The keypad is manufactured in conductive silicone rubber and if requested can be equipped with backlighting activated by a twilight sensor.

The pressure necessary for activation, the 10 mm diameter buttons and the wide inter-axis of the keys make the keypad suitable for all users. The perception of contact is clear and effortless and is excellent in all those circumstances in which, for various reasons, user sensitivity is reduced or does not permit regulated force.

The proportions of the handheld device are the result of appropriate assessment and enable easy, effortless hold. The contained weight and the reduced dimensions make it easy to use for everyone.



DURATION

AAA alkaline batteries that are easily available and with guaranteed autonomy up to 2,500 hours in stand-by and up to 200 hours in continuous transmission.

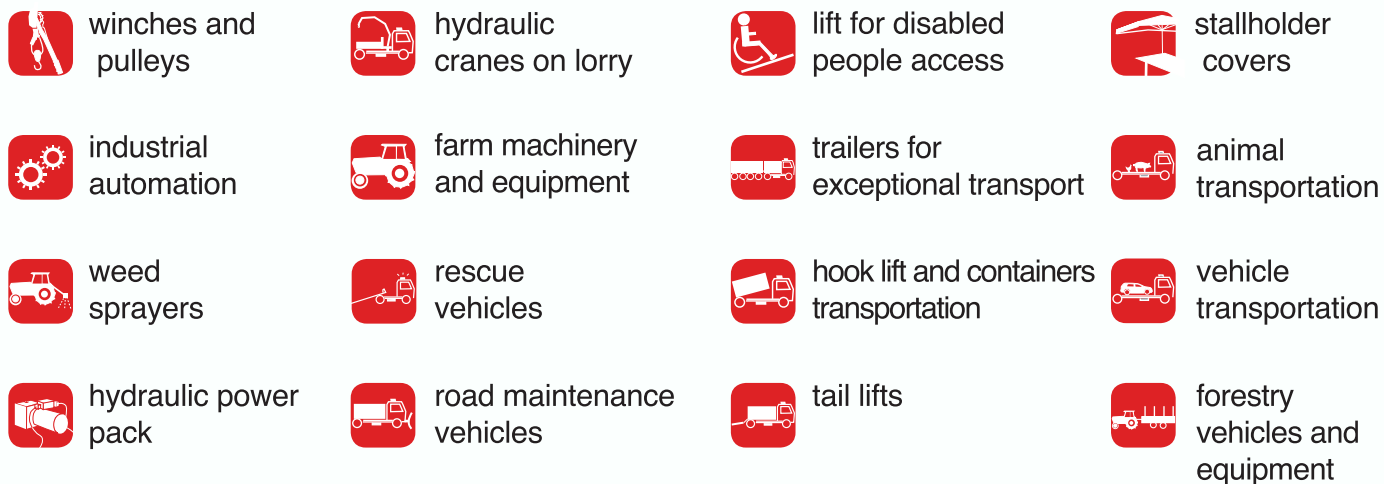


CUSTOMISATION

All Sistematica remote controls can be customised with logos, special buttons, different colours and everything that can help the customers find the best solution. Software customisation can be viewed and decided with Sistematica to implement solutions with operational methods that cover the most demanding requirements.



Applications



Technical data

N° of commands	From 2 to 6
Frequency	ISM 868/915 MHz
Power supply	2 AAA 1.5V batteries
Absorption in stand-by	~ 5 μ A
Average absorption during transmission	25 mA
Maximum capacity	150m in free space and without obstacles
Protection IP67	Silicone rubber keypad
Weight (with batteries)	120 g
Functioning temperatures	From -20°C to +55°C
Dimensions	109x56x30 mm