



WIRED VS WIRELESS

Of course a remote control makes the job easier: you can walk around with it conveniently activating the functions from a distance. But not all applications are about being comfortable! If we need the operation carried out from a certain position, for the safety of everyone involved in the area, we may want to opt for a WIRED handheld with just enough cable to ensure the right amount of space to manoeuvre. Plus, it's a simpler and more cost-effective solution since there is no need for a receiver either!

ARE WIRELESS REMOTES SAFE?

In Systematica we develop projects where our technologies customize the radio-controlled SYSTEM, making it as safe as possible for anyone involved in the vicinity. An example is the use of a 'SafetyPoint' plate or tag, which will bind certain keys on the handheld through the software, limiting their activation to a fixed place. We can also embed our transmitters with various user protections like an E-STOP or the DoubleClick function, while the standard CloseLink tech provides a secure and high-quality connection with the receiver at all times.

FROM MAN TO MACHINE.. TO MAN

When the application or field requires additional third-party certifications, our devices become KIT systems, created to comply to the PLUG & PLAY chain of components, with the same safety level as the machine operated, to a maximum PL-D certification (E-STOP on both pocket size EASY or TREND version handhelds). The effectiveness can also be enhanced by applying a screen to the keypad for quick recognition of the function activated or to simply ensure instant feedback. We also have an online APP used to store eventual anomalies and monitor preventive maintenance or diagnostics.

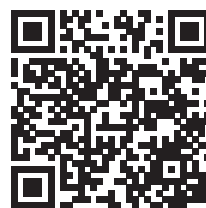
SAFETY IS OUR DNA

SAFETY MADE SIMPLE FOR ALL

Sistematica products are perfectly tailored to the needs of our clients. Both standard devices and more customized solutions contribute to adapting the machine world to a safer human environment.

Our products have cutting-edge technology embedded inside and made available to everyone! By combining the use of SMART connectivity and carefully crafted software, special protocols, quality components, and ergonomically designed casings, our SYSTEMS are reliable, unbreakable and they float too!

Our products are independently certified by third party entities: you may find the related documentation on our web-site in the DOCUMENTATION section.



SISTEMATICA AND TELE RADIO ARE SUBSIDIARIES OF ALLGON AB GROUP

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sistematica

AN ALLGON® COMPANY



PRODUCT RANGE



 **sistematica**

WIRED

MAXIMUM SECURITY



CLASSIC

STANDARD OR CUSTOM



SMART

ONLINE CONNECTIVITY



- Cut-resistant PUR spiral cable with unsheathed wire termination
- 60 cm extendable up to 2 meters
- Power supply 10/30 Vdc ±10%
- Operating temperature -20°C to +55°C
- Backlit Keypad
- E-STOP option



CO-MOULDED in an unbreakable rubber material, the casing is shock-resistant, ergonomic and wear-proof. Stickers or Keys are CUSTOMIZABLE with logos, arrows or symbols according to client demands. SAFETY options can be combined with cutting-edge technologies like SafetyPoint or Tilting Hand.



The SMART line introduces IOT into the radio-controlled SYSTEM integrating it with a smartphone or tablet through an online APP: any machine using our KIT crosses over to 4.0 Industry in a click! Remote software updating, REAL-TIME diagnostics & preventive maintenance with illimited storage on our CLOUD.



CANWIRE

EASY & TREND WIRED handhelds with a 4-wire stripped termination connecting directly to the application. They use proprietary or standard J1939 CANBus communication and are available with E-STOP or OLED monochrome SCREEN. It is possible to connect a receiver if required by the project.



EASY & TREND

Volumetric ratios are designed to allow them to float, the START & STOP buttons are a default safety standard. In the CLASSIC line, 868/915/433 MHz radio frequencies are always available as is the E-STOP in both versions.

DIMENSIONS (H x W x D):

EASY	109 x 56 x 30 mm
	122 x 56 x 43 mm with E-STOP
TREND	165 x 80 x 40 mm
	180 x 80 x 40 mm with E-STOP



EASY SMART & TREND SMART

In addition to the START & STOP buttons, these handhelds can add an OLED monochrome screen on the keypad too, for immediate feedback. Both sizes may have PLD-certificated E-STOPS and/or rechargeable batteries and cradle station. The App can switch frequencies from 868 MHz to 2.4 GHz and detect anomalies in the system.



BLAZE

WIRED handheld with up to 8 Function keys plus the START & STOP buttons. It may also have an E-STOP button for more security. Wired controls usually do not require a controller since they connect directly to the vehicle via cable.



EGO

The EGO is a fully programmable CLASSIC radio control with a graphic LCD screen and illimited functions. *The batteries are recharged via a specific station/ support supplied in the KIT.



EASY TAG (T-LIFT)

Handheld with SafetyPoint 'SMART' predisposition, capable of 'reading' and managing the association of TAGs via APP. This ensures safety, forcing the user to maintain a specific position for those activities which require a clear view of the working area when in movement.



BRAVO

Pocket-sized WIRED handheld with up to 4 Function keys plus START & STOP. This handheld allows you to directly control the solenoid valves, or similar, without the need for additional electronics.



NIMBLE

This is a very basic handheld with up to 4 F-Keys (mainly for winches or tippers). It usually comes in a KIT, already paired with a CNTR4 receiver (IP69K).



NEMO

Specific for the nautical sector to operate gangways, windlasses, decks, sails, thrusters, awnings (mobile covers or shading systems), headlights and sirens of all brands and models.



SIGNAL

This WIRED control interacts with the Customer's electronics (PLC), instead of plugging into the vehicle. Its black sticker highlights the standard backlighting of 2 or 4 function keys.



CRADLE

This support is not only used to store the EASY or TREND handheld (also fixable on the wall) but can also be equipped as a rechargeable battery station, or/and include a SafetyPoint plate too. *The EGO holder is a different charger and comes with the KIT and specific lithium batteries.



RECEIVERS

PLUG & PLAY DEVICES

Mounted and connected to the machine/ vehicle via PlugIn cable, each device also has a unique code defined at the source that prevents interaction with other systems (multiple devices can operate in the same area without interfering with each other). All Sistematica receivers manage AUTOMATIC pairing with the handheld. The Light Guide is a default option on SMART line devices.



20 OUTPUTS



8 OUTPUT

CNTR4 (IP69K)

This basic controller is equipped with an integrated external antenna and a 1.5-meter-long wiring without final connector (free wires). Ideal for all radio control models up to 4 functions for simple movements, its completely resinated electronic board makes it absolutely waterproof to liquids and dust.



4 OUTPUTS