



Handy 10 can be supplied with one step, two step or with stepless infinitely variable (proportional) speed. The innovative push-buttons which operate with stepless infinitely variable (proportional) speed, and remains in direct proportion to the push-buttons displacement for maximum precision and performance of the crane/machine.



Handy 6 can be supplied with one step, two step or with stepless infinitely variable (proportional) speed.



Scanreco in action.



Handy 10-LCD can be supplied with one step, two step or with stepless infinitely variable (proportional) speed, and a graphic display for indication of value/icons from the crane/machine.

## Developed for demanding environments

Scanreco's system is built and designed for the toughest and most demanding of environments. Scanreco can hereby offer the market of crane and machine operators an extremely easy to use radio remote control retaining speed, precision, and control with the maximum of safety.

Behind the development of the radio remote control systems lies the idea of providing products with a high degree of reliability, user-friendliness, and possessing good ergonomic features.

The product family includes different control units, hand transmitters, and receivers offering a variety of choice depending on the area of use. These products are based on a modular architecture, which makes them extremely flexible to customize and adapt according to the customer's needs.

The products – which are in high demand – are mainly mounted on cranes and mobile machines. Our customers are some of the world's largest and most challenging crane and machinery manufacturers. Thousands of cranes and machines containing Scanreco's radio remote control systems are in use worldwide.

Our products are deployed everywhere, from truck cranes laying heating pipes in Stockholm to lifting oil pipelines in Russia and setting in place concrete sections in Singapore.

## Scanreco – freedom in a box

**Our customers development is our own development. This enables us to offer:**

- Customer-specific solutions
- Industrial know-how
- Expertise and experience
- Innovative capacity
- Nimble organisation
- Quality
- Delivery precision
- Service
- New geographies

**[www.scanreco.se](http://www.scanreco.se)**

**The control unit HANDY:**

- The hand-held-control (Handy-6, Handy-10 or Handy-10-LCD) can be supplied with one step, two step or with stepless infinitely variable (proportional) speed.
- The innovative push-buttons which operate with stepless infinitely variable (proportional) speed, and remains in direct proportion to the push-buttons displacement for maximum precision and performance of the crane/machine.
- This stepless infinitely variable speed is facilitated by an innovative unique pushbutton technology design principle.
- The hand-held series has large distinct push-buttons and can be used wearing working gloves, and the units are in are light-weight, innovative, user-friendly and functional in design.
- The hand-held units has stop-function for immediate halt the crane/machines movements and functions.
- The hand-held units are robust capsules capable of withstanding the elements and carrying out operations in the toughest and most demanding of environments.
- The radio transmitter and its antenna are built-in. A LED indicate functional and battery strength status as well as providing a simple, diagnostic, trouble-shooting option.
- A shift-function option duplicates a number of functional operations, and intelligent functions offering flexibility and a number of optional choices (PIN-code, program med for "momentary" or "latched", automatic shut-off times, e.t.c.).
- 20 hours operational life is guaranteed following charging. Recommended charging time is approximately two hours. The battery (powered by two AA-batteries) are housed inside the hand-held unit and can be easily changed by the operator.
- The radio controls can be used with all of the hydraulic valves currently available on the market.

**Safety:**

Each radio remote control system functions in all manner of operational conditions equipped with their own unique identity code (ID-code). This means that only the correct control unit can activate and control its matching receiver (crane/machine). For maximum safety the receiver has double processors to enable comparison and checking of the data signals from the control unit. The receiver on the crane operates with a so-called automatic emergency stop, i.e., dump-valve and all of the crane movements are only activated as long as the verified data signals are received from the actual portable control unit. The stop function is in accordance with EN13849:2008 cat. 3, PL=d

**Approvals:**

Scanreco's radio remote control system meets the EU's Machine- and EMC-directive (CE-mark) and is approved and complies with the special demands and standards for "Remote controlled lifting devices" in accordance with 2006/42/EC, EN13849:2008, EN301489-3, EN300 220-3, EN60950-1, EN61000, EN55011 and R&TTE 1999/5/EC. The radio unit is also certified in several countries outside of Europe. Scanreco is additionally certified in accordance with EN ISO9001:2008.

For more information and availability about the HANDY series, please contact Scanreco

**Applications:****Control Unit/HANDY**

- **6 or 10 push-button in strong and robust housing (Handy-6, Handy-10 or Handy-10-LCD).**
- **Hand-units with one step, two step or with innovative push-buttons which operate with stepless infinitely variable (proportional) speed.**
- **Ergonomic design.**
- **Safe, reliable and convenient.**
- **Simple to operate.**
- **Stop function in accordance with EN13849:2008 cat. 3, PL=d**
- **Automatic frequency management, i.e. reliable radio transmission, highly resistant to interference, thanks to frequency hopping technology to ensure interference free operation (in 433-434 MHz band). Other frequencies are available on request or to comply with the country's existing regulations.**
- **High level of availability, i.e. approx. 20 hours operational life is guaranteed following charging. recommended charging time is approximately two hours.**
- **Chargeable via +12/24 VDC cigarette lighter outputs, or 110/220 VAC- transformer.**
- **Weight: incl. battery: approx. 500 gram (depending on equipment).**
- **Protection class : IP65**
- **A hand/wrist strap is included (different types of carrying devices are available as accessories: a waist belt, shoulder belt etc).**
- **Recommended receivers: G2 and G2S**

**Option:**

- **The hand-held units can be provided with light emitting diodes (LEDs) and/or graphic display (LCD) with icons for indication and reading of values from the crane/ machine.**

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