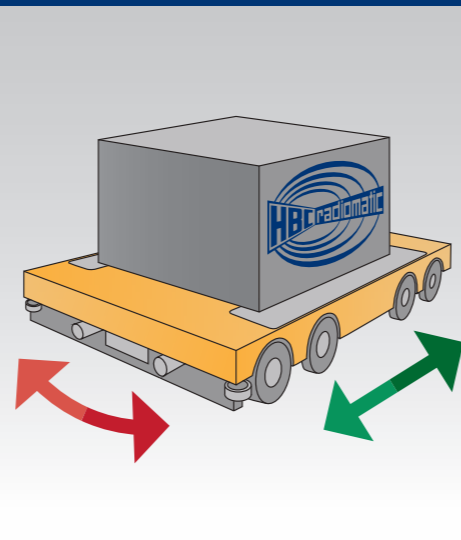
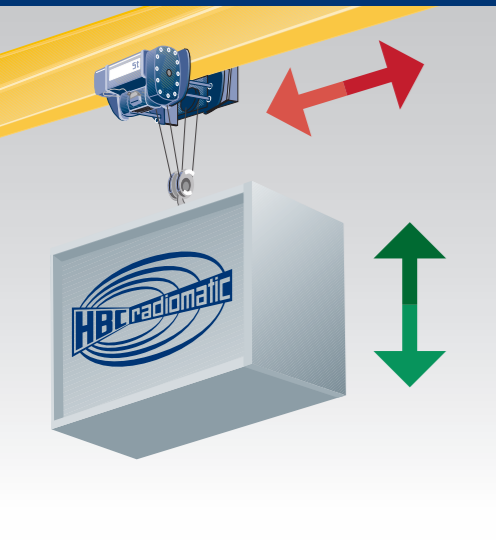




HBC world premiere!
radiomatic® pilot
Radio control by
hand movements!



Quality in Control.



Highlights at a glance:



Intuitive operating concept

With the inclination of the transmitter and the HBC micro joystick, the operator can control up to 4 analog, single- or two-step drives. Additional functions are available through 4 push buttons.



Innovative battery design

The battery is perfectly integrated and offers a grip surface with its rubber strip on the rear side. It is held in place by powerful magnets, which at the same time enable a quick battery exchange.



User identification (optional)

The HBC Smart Card protects the control from unauthorized use. It enables the locking of safety functions for non-authorized personnel and the storing of important usage data.



Micro / orthogonal drive

These functions are ideal helpers for difficult drive maneuvers and protect the operator from dangers that result from speeding or from unintended direction changes of the crane / machine.



radiomatic® shock-off / zero-g

In emergencies, the safety features can trigger an automatic shut-down of the control and thus ensure additional safety!



Carrying methods & storage:



Wall bracket.



Carrying loop.

Further details:

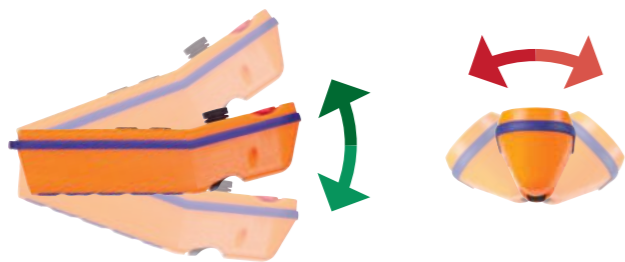
- STOP impact switch.
- LED for the indication of operating / battery status.
- radiomatic® iLOG for the quick activation of a spare transmitter.
- Rechargeable NiMH exchange battery without memory effect, approx. 11 h of continuous operating time (standard version).
- Intelligent frequency management (2.4 GHz technology).
- Robust plastic housing, protection class IP 65.
- Weight: 310 g (11 oz).
- Suitable receivers: FSE 308 / 510 / 512 / 516 / 524, FSE 726 / 727 radiobus®.

radiomatic® pilot

The revolutionary HBC operating concept!

radiomatic® pilot: this name stands for a completely new, revolutionary HBC operating concept! With this major innovation, you can easily and intuitively control machine and crane functions by hand movements!

This is accomplished by means of the integrated inclination function. By horizontal and / or vertical inclination of the transmitter, this groundbreaking innovation in the field of industrial controls enables together with a newly developed HBC micro joystick the operation of four analog, single- or two-step drives. The speed of the drives can be controlled by the inclination angle. This offers a completely new operating experience because radiomatic® pilot brings intuitive movements from everyday life to the industrial workplace!



With radiomatic® pilot, you can for example have a crane hoist precisely follow the movements of your hand upwards or downwards, easily maneuver a vehicle to the left or to the right with your wrist, or control the speed of a belt conveyor with a smooth movement – the possibilities are unlimited!

This is how it works:

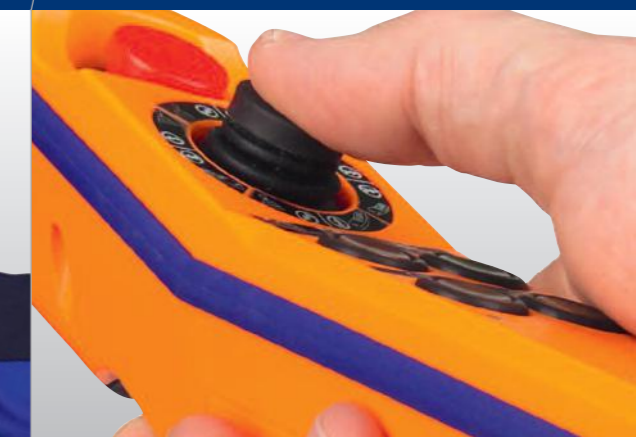
Press the release button on the lower side of the transmitter. A short vibration of the transmitter and a signal tone indicate that the inclination function has been released.

Now incline the transmitter vertically and / or horizontally, activating the respective machine functions.

Easily determine the speed of the machine functions by the angle of inclination: the more the transmitter is inclined, the higher the speed.

The vibration of the transmitter and a signal tone indicate the speed of the machine as well as speed changes. This ensures additional safety!

You can easily control additional functions with your thumb, using the HBC micro joystick and the push buttons.



radiomatic® pilot – the overall concept

The inclination function is embedded into a new, intelligent transmitter design. It offers a perfect combination of different newly developed features and makes radiomatic® pilot a high-performing, intuitive single-hand control for diverse application areas!

The operating concept includes:

- An innovative, extremely ergonomic hand-held transmitter design.
- An inclination function with 2 axes (single-/two-step or analog).
- A release button for the inclination function.
- A newly developed HBC micro joystick with 2 axes (single-/two-step or analog).
- 4 single-step push buttons (partially with rotary switch functionality).
- A vibration alarm and a signal tone for the indication of the battery status as well as the activation of the inclination function.

radiomatic® pilot

Safety first!

HBC radio control systems offer a maximum of safety for man and machine. Following this principle, radiomatic® pilot is as a standard equipped with an elaborate, comprehensive safety package.

Release button

In order to activate the inclination function, the release button on the lower side of the housing needs to be pressed. As soon as the button is released, the respective function is stopped. This protects you safely and efficiently from unintended machine movements!

HBC micro joystick with dead-man button

The newly developed HBC micro joystick comes with dead-man button. For the activation of machine functions through the joystick, the operator has to keep this button pressed. Thus, any unintended output of control commands is being efficiently prevented and the operator can conveniently rely on a safe work environment.

Vibration alarm & signal tone

As soon as the inclination function is activated by the release button, the transmitter vibrates and emits an acoustic signal. The vibration and the signal tone additionally indicate a change of the driving speed of the respective drive. If you select a higher speed, the intervals between the vibrations and the signal tones become shorter.



Micro drive (selectable)

If the micro drive is activated, a pre-selected speed cannot be exceeded, even if the inclination function and / or the HBC micro joystick are fully operated. This clever safety feature is perfect for difficult driving maneuvers or inexperienced operators.

Orthogonal drive (selectable)

If the orthogonal drive is activated, you can only move the machine into the direction that was first engaged with the inclination function or the HBC micro joystick. The other direction is electronically blocked until the inclination function / the HBC micro joystick is in zero-position. This protects from dangers resulting from unintended diagonal movements and additionally makes maneuvering easier.

STOP impact switch

The STOP impact switch in proven and reliable HBC quality ensures the fast and safe shut-down of the radio control in emergencies.

