



DIGIMOTE®

Radio control
system for hoists
and cranes

 **VERLINDE**
LIFTING EQUIPMENT

DIGIMOTE®

Radio control system
for hoists and cranes

+ ergonomics

- > **Enhanced ergonomics:** best grip on remote with the silicone protection delivered as standard.
- > **Improved usability:** single hand operation for trolley, bridge and motorized jib crane with joystick concept.
- > **Enhanced usability:** easier direction mapping with easy installation of multiple symbols available on joystick.
- > **Advanced ergonomics:** compact and light-weight shape.



+ savings

- > **Reduced lifecycle cost:** 33%-50% higher battery lifetime, compared to other market product.



More
ergonomic
and one-hand
usability

The best application for the DIGIMOTE radio transmitter is on assembly workstation where it's important to have a good load handling features and ability to use other hand to guide the load.

Joystick and symbols

Joystick is use for controlling the travelling movement of the crane and hoist. This interface offer possibility to control the load with just single grip. Symbols are covered with the thick layer of transparent plastic to guarantee the durability. With transmitters for solo hoist joystick is locked allowing only trolley movements.



Excellent grip of the remote even with gloves.

Available symbols:

Symbols for crane & trolley control



Symbols for trolley control (solo)



Multikey a new smart concept

1 Rotation

Rotation offer possibility to have multiple functions from just one control interface. Multikey has 5-steps which allows to have trolley selection, flood lights and even ESP (sway control system).

1-Trolley configuration



2-Trolley configuration



Multikey does not require any electrical contacts to function. Different steps are identified with a magnetic field. This allows to have a very good protection against dust and fluids. There's no short circuit safety risks involved in relative humid environments or corrosion of the contacts.

2 Push-button

Push-button function is used to start the crane and activate the horn.

3 Removable

Removable function allows operator to use the multi-functional switch like a key. Transmitter can't be operated without the multikey. This also allows customer not to have any additional safety protection for the use of the crane, only part needed is the multikey attached to the transmitter.

+ smart

- > **User friendly:** integrated multi-functional key for single/dual trolleys, light, horn, ESP (sway control system).
- > **Quick startup:** no starting sequence needed.

+ safety

- > **Suitable in demanding environments:** improved IP/NEMA protection mode with IP 65.
- > **Enhanced safety:** large size of E-stop button in operator's eyesight.
- > **Advanced safety:** multikey operate with magnetic field so does not require any electrical contacts to function, this allow a very good protection against dust and fluids and easy use in humid environments (corrosion free).



DIGIMOTE®

Radio control system
for hoists and cranes



Technical datas

Applications	Travelling controls with one grip for cranes, solo hoists, chain hoists with motorized trolley (bridge) or with jib crane (electric rotation).
Operation	Indoor.
Control elements	Key function, 2 steps joystick, 2 steps push buttons, Stop emergency.
Enclosure ratings	IP65 / NEMA4.
Operating temperature range	20 to 70 °C (4 to 158 °F).
Receiver power supply	48, 115 and 230 VAC 50/60Hz.
Antenna	Internal antenna in the receiver and in the transmitter.
Bandwidths	VHF (400 465 MHz), UHF (800 930 MHz).
Transmitter operating mode signalling	BiColor LED and internal buzzer.
Battery	Two Lilon batteries per system, 3.7 V / 1130mAh, over 16 hours operating time with 50 % duty cycle.
Connections	Standardized VERLINDE connections.
Size H x W x D	220 x 53 x 45 mm.
Weight	280g (w.o.battery).
Carrying options (deliver as standard)	Carabiner hook, wrist strap, silicone protection.



2, boulevard de l'Industrie - B.P. 20059 - 28509 Vernouillet cedex - France
Phone : (33) 02 37 38 95 95 - Fax : (33) 02 37 38 95 99
Internet : www.verlinde.com