

RADIO REMOTE CONTROLS FOR JDN HOISTS AND CRANE SYSTEMS

THE INNOVATION: COMPACT RECEIVER JDN-RC STANDARDISES HOIST AND CRANE CONTROL.

JDN has developed a new concept for controlling hoists and crane systems. The biggest advantage of the new JDN receiver is its solid and extreme compact design.

All components are accommodated in a space-saving shock-resistant GRP casing with protection class IP 65.

The well-designed construction facilitates an easy installation. Even existing JDN products can be retrofitted due to the standardised interface of the JDN-RC. The receiver can be mounted on the hoist or the trolley or at separate location side.

JDN radio controls are suitable for use up to ATEX zone 2/22.



JDN transmitter RC-X



JDN transmitter RC-S



JDN transmitter RC-SP

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The included transmitter offers the following specifications:

- Robust and ergonomic design
- Dust and water-protected (IP 65). The breathable membranes guides condensation from the interior to the exterior. This keeps dust and water from penetrating inside.
- Seawater-resistant design for off-shore applications
- Single or two-step commands
- Start/horn push-button
- LED operating status display
- LED low voltage indicator
- Battery charger, Ex battery, leather strap

Advantages of the JDN radio control at a glance:

- The compact design of the receiver makes it even suitable for hoists with low carrying capacity
- Perfect for covering long distances between hoist and operator
- A sensible alternative to applications with a long control hose
- Can be used in hard-to-reach places
- Can be used to control multiple hoists at once
- Existing hoists of the Profi series can be retrofitted
- Robust remote control

CONTROL ELEMENTS:

- ① Start button
- ② Key switch
- ③ Stop button
- ④ Joystick
- ⑤ LED status display
- ⑥ Low voltage indicator



TECHNICAL DATA

Transmitter RC-X	
Material	polyamide with fibreglass
Diagnostics	status LED
HF technology	FM Synthesizer
RF output	< 10 mW
Temperature range	-20 bis +55 °C
Antenna	external
Frequency range	434 MHz
Safety address	20 bit (1 mil.)
Protection type	IP 65 (IP 66 upon request)
Operating time	up to 20 hours
Battery voltage	3,6 VDC

Ex classification

EX II 3G EX ic IIB T4 Gc
EX II 3D EX ic IIIC T95 °C Dc



Receiver	
Material	fibreglass-enhanced polyester
Weight/Dimensions	<2500 g/H=200 mm/W=250 mm/D=120 mm
HF technology	Synthesizer
Temperature range	-25 bis +55 °C
Antenna	external
Safety address	20 bit (1 mil.)
Protection type	IP 65
Frequency range	434 MHz
Operating voltage	24 VDC

Ex classification:

EX II 3G Ex nc [ic] IIB T4 Gc
EX II 3D Ex tc [ic] IIIC T135 °C Dc

Technical data of the JDN transmitter RC-S and RC-SP on request.





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