

RUBY BOX

EXTERNAL RECEIVER



Easy to install

Compact, watertight and easy to install receiver.
 Provides excellent accessibility to internal parts, making wiring and maintenance easy.
 All electronics are housed in the DIN module with quick coupling to the bar.
 Built-in receiver antenna.
 The Receiver saves operating data:
 Hours of work, number of starts and lifts.
 Sequential frequency change with set radio channel display.
 Diagnostics with received radio signal quality display.

DIN

MODULAR RECEIVER WITH EXTERNAL ANTENNA



Receiver module for DIN EN 50022 bar for installation on a remote controlled machine switchboard.

Advanced technology and design external antenna, designed for maximum performance.

TECHNICAL SPECIFICATIONS

Receiver
 Radio frequency receiver: Single Chip
 Antenna: $\frac{1}{4}$ λ amplified
 Control relay contact capacity: 4A 110Vac.
 Stop relay contact capacity: 4A 110Vac.
 Power: 24V / 48V / 110Vac.
 Watertight case for outdoor assembly: ABS, protection level IP65
 Dimensions: 255x190x95 mm (lxhxd)
 Modul-box, protection level: IP20
 Dimensions: 158x90x75 mm (lxhxd)

Transmitter
 Modulation: Manchester code FM
 Radio frequency emission power: 5 mW
 Oscillator: PLL digital synthesis
 Antenna: $\frac{1}{4}$ λ built-in
 Power voltage: 3.6Vdc.
 Absorption: 45 mA
 Accumulators: Built-in 3x1,2V 1800mA
 Operating autonomy: \approx 35 hours (20°C)
 Battery low warning time: 60 minutes
 Case protection level: IP 65 ABS material.

System parameters
 Operating frequency: 869,700 - 870,00 MHz
 Channel step: 25 KHz
 Number of available radio channels: 11
 Hamming code distance: 4
 Max number of simultaneous controls: 10
 Control response time: 45 ms
 Active Emergency-Stop response time: 45 ms
 Passive Emergency-Stop response time: 1 sec
 Range of action: 100 mt
 Operating temperature: -20°C/+70°C

Dealer:

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Versione lingua inglese

REM Radio Control



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PAIL

JOYSTICK REMOTE CONTROL FOR CRANES,
BRIDGE CRANES AND OPERATING MACHINERY



PUSH BUTTON REMOTE CONTROL FOR CRANES,
BRIDGE CRANES AND OPERATING MACHINERY

BRICK

Always reliable.

Highly elastic and resistant special compound rubber buttons, suited for the most severe operating conditions: low temperatures, contact with plaster, cement, oil.

Practical and manageable.

With an adjustable shoulder strap and non-slip rest.

Ergonomic handle, shaped bottom with non-slip strips for sure grip.

Right proportions, compact size (210 x 80 x 40 mm).

Reduced weight (400 gr.).

Up to 10 buttons plus Start and Stop.

Sleep after 4 minutes of disuse.

Sequential frequency change with set radio channel display.

Standard version with digital key

to enhance reliability. Traditional

mechanical key available upon

request.

Same electronic parts and exclusive battery charge system features as the Pail remote control.



UNIVERSAL CHARGER

CHARGE

ACCUMULATORS

EXCLUSIVE PATENTED SYSTEM.

No external battery pack.

Internal accumulators are charged by simply placing the transmitter over the charger.

Power is transferred without metallic electrical contacts or connection wires.

Fast charge.

A twenty minute charge lasts for the entire work day. Full charge guarantees more than one week of operations.

Ecological.

Accumulators last over 5 years.

No more battery management,

frequent replacement and disposal.



PAIL DISPLAY

Bi-directional remote control, transmitter and receiver.

Transmitter with graphic display of up to 15 customisable data and alarm pages.

Wide range of analog and serial connection possibilities.

COMPLIANT WITH REGULATIONS
Radio EN 300 220-3 V1.1.1 (09 2000)
EMC EN 301 489-3 V1.2.1 (07 2000)
Safety EN 60204-32 (EN 954-1)

