

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:

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

Form plus Substance!

Ergonomic, compact, lightweight and durable!
Professional joysticks, safe manoeuvrability even with work gloves.
Up to five positions to work with maximum precision.
Sleep after 4 minutes of disuse.
Sequential frequency change with set radio channel display.

No external battery pack.

Internal accumulators are recharged by simply placing the transmitter over the charge, transferring power without metallic electrical contacts or connection wires.

EXCLUSIVE PATENTED SYSTEM.

Borderless autonomy.

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

Ecological.

Accumulators last over 5 years. No more battery management, frequent replacement and disposal.



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.

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.



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.

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)

