RCB 90

JMEI radio remote control type RCB90 L and M

Transmitter designed with double push buttons, up to 16 possible functions all customizable.
Memory key, for easy quick change of a spare transmitters in case of breakages.
Robust, ultra-compact, lightweight and sturdy transmitter unit, made up in industrial-use reinforced polyurethane; highly ergonomic design specially suited for tough and aggressive environments
Large shock-absorbent nylon case making the unit very easy to use and providing excellent protection for the transmitter unit.
The pictograms and LED on the transmitter console are designed to the client's requirements and allows excellent visualisation of the controls. Working in bidirectional mode, information is fed back from thedevice being controlled and displayed by means of colour LED indicators mounted on the transmitter,offering many options for customising the unit.
Electrical Protection: IP65
Powered by a rechargeable battery type NMH without memory effect, battery with more than 20 hours battery life, although the system can also be plugged into a 12v or 24 v voltage supply.
Suitable for all kinds of uses either for the lifting and handling industries, or for inside and outside radio remote control industrial purposes.

Specifications

Frequency possible range 434 MHz or 868/870 MHz, 64 possible frequencies.
Transmitter and receiver frequencies and addresses configurable by operating the transmitter push buttons (in maintenance and safety mode), no need to configure anything on the receiver unit.
Transmission power: < 10 mW.
Modulation: FM : FSK
Transmission code: 32-bit address and 16-bit CRC
Bidirectional radio control, meaning that the receiver and transmitter can transmit and receive over a single frequency.
Class 3 emergency stop.
NiMH battery, no memory effect and long battery life (>20 hours)
Operating distance: 200m
Tandem/master/slave system with secure TCA27 JMei security control device.
JMei-designed microprocessor-controlled charger, charging time: 4 hours.
JMei receiver, able for connection and networking to PLC application by most diverse analogue and serial interfaces, for example CAN bus, Profibus, Ethernet, RS232 or RS 485.

Type

RCB90/L

Possible functions:
Up to 9 double push buttons.
One emergency stop push button
Exclusive system for changing address, frequency and configuration using the push buttons means transmitters are interchangeable in a safe and rapid way,only one single backup transmitter needed for multiple equipment.
Memory key for quick exchange with a spare transmitter
LED indicator lights.

Uses: bridge cranes or grouped winches, machines in maintenance mode (quarry machines,mills, screens, conveyor belts), all types of simple machines, outside and inside remote radio control.

RCB90/M

Possible functions:
Up to 16 double push buttons.
One emergency stop push button.
Exclusive system for changing address, frequency and configuration using the buttons means transmitters are interchangeable in a safe and rapid manner ,only one single backup transmitter needed for multiple equipment.
Memory key for quick exchange with a spare transmitter.
LED indicator lights.
Uses: bridge cranes or grouped winches, machines in maintenance mode (quarry machines,

mills, screens, conveyor belts), all types of inside and outside radio remote applications with push buttons functions..

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RCB 90

Customised RCB90/L and /M

The JMEI pictograms make it very easy to adapt the units to any new use.
In addition, the bidirectional mode with LED display offers multiple application possibilities.

Accessories

Protective leather case and carrying belt
Combines with the carry strap and protects the unit from breakages

Microprocessor-controlled charger: Batteries can be recharged in total safety, charging time 4 hours

Hardware identification key: links the transmitter to the receiver. Allows rapid change of transmitters.

TCA27 security control device: This patented system provides security when starting up any machine. A randomised 2-colour light sequence emitted by the receiver must be encoded by the operator using the transmitter.

Bidirectional transmission: Allows information to be fed back to the transmitter

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