General Features

WAVE2 L   **WAVE2 S**

New technological and aesthetic restyling for Wave2.

One of the novelties is the substitution of the NiMH Battery with a Li-ion polymer battery which allows an uninterrupted use of the radio remote control up to 25 hours.

New functions, like the automatic frequency change with "AFA" technology (Adaptive or Automatic Frequency Agility), a continuous monitoring from a PC with a dedicated diagnostic tool, the PIN Code option to restrict the use of the radio remote only to authorized personnel, a LED that allows to have the sight of pushbuttons in dark workplaces, under poor lighting conditions and at night, are nice assets to have.

Unlike the previous model, the new pushbutton Wave2 S can be equipped with a graphical display.

Wave2 is ideal for electric hoists, overhead cranes, conveyors, small tower cranes, etc.

Technical Features

- **Dimensions WAVE2L** 75x43x245 mm
  WAVE2S 75x43x180 mm
- **Weight   WAVE2L** 445g
  WAVE2S 375g
- **Power supply** 3,7 VDC with Li-ion battery
- **Frequency band** 433.05 – 434.79 MHz (69 channels) / 2,4 GHz (16 channels)
- **Range** 100 meters
- **Autonomy with fully charged battery** about 25 hours with Li-ion battery
- **Safety performance STOP function (EN ISO 13489-1) PL**
- **Protection degree** IP65
- **Operating temperature** -25° +55°
- **Storage temperature** -40° + 85°

Standard accessories

Status LEDs
Colored LEDs report about the status od the radio link, the battery charge level and make the diagnosis of anomalies.
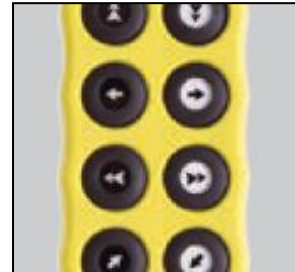

Pin code
Start PIN code can be programmed to restrict the use to authorized personel.

Legends
Clear and wide pushbuttons legends, with the possibility of having fully customized symbols.

Stop
Mushroom head STOP button featuring FunctionalSafety Level PLe/SIL3/Cat4.

Carrying belts
Comfortable carrying belts.

Battery charger batteries
Fast charger and extractable rechargeable Li-ion batteries for extra long duration.

Optionals

Data feedback
Data feedback on 64x102 pixels graphic dispaly and 4 LEDs.

Torch
Keypad illumination for operations in the darkness or torch. Can be combined with a light sensor.

I-READY
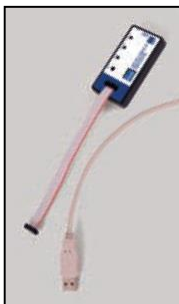An infrared directional START operation guarantee the right machine has been picked up.

MTRS
It allows the classic TANDEM, CATCH-RELEASE, MASTER-SLAVE working modes and many other configurations demanding the logging In and logging Out capability.

ENABLING SWITCH
The "enabling switch" is a special component that improves safety of machinery operating in hazardous areas thanks to its design that determines if the user is conscious. This 3 position device activates a machine or a function only when it is a position 2 meaning the operator is present and vigilant. Applicable standard are: EN60947-5-1, EC60947-5-1, UL508, CSA C22.2 No.14

PITOOL
The tool lets you connect the transmitter or receiver to undergo diagnose to a PC. The data may be visualized by means of an easy and intuitive graphical interface and then be saved on your PC in editable format.
Two version available: STANDARD – tx can be connected to the tool only via cable; **PLUS** – besides the cable connection, the device can be connected in wireless mode. This way, the diagnosis and programming tasks can be performed even without having access to the connector on the device. (ex: the RX is positioned at the top of a tall crane).

BIG CHOICE OF AUXILIARY COMMANDS
Rotative switch – toggle switch – push buttons – key switch - potentiometer

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