

LATEST GENERATION OF SMART TERMINALS FOR REMOTE WIRELESS CONTROL OF EQUIPMENT



RADIO AND SAFETY ADAPTED TO THE PILOTING NEEDS OF VARIOUS INDUSTRIAL APPLICATIONS.

A new generation has arrived integrating major innovations.

The solutions proposed meet the requirements of applicationmarkets, wich have over time become JAY Electronique's specialization.



















INDUSTRIAL LIFTING & HANDLING

WASTE PROCESSING EQUIPMENT INDUSTRIAL EQUIPMENT PUBLIC WORKS AND QUARRY EQUIPMENT INDUSTRIAL EQUIPMENT FARMING AND FOREST MANAGEMENT EQUIPMENT MAN LIFTING & TRANSPORT EQUIPMENT INFRASTRUCTURE EQUIPMENT



ERGONOMIC

Very special care has been taken in the design and ergonomics

of our solutions to ensure rugged products providing maximum comfort in use day after day.

JAY's remote control buttons provide optimum touch sensitivity

and are sized to allow the operator

to easily use the radio remote control even when wearing gloves.

The buttons are laid out

to prevent the operator from mistakenly pressing two buttons at the same time.

RUGGED

Designed to work under the toughest conditions, our products are built and sized to be extra-rugged. Specially designed seals and protective foams ensure the highest level of strength and tightness.

EASY TO MAINTAIN

By the modular architecture of our systems, maintenance is facilitated to allow reduced-cost repairs.

To ensure fast diagnostics and preventive maintenance on the radio control system, fault isolation is achieved easily and efficiently by an indication on the display or by connecting to a PC computer on which maintenance software has been installed (supplied with order).

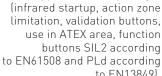
The simple, secure match-up between the operator module and the transceiver makes it easy and fast to replace one of the two components in the event of a failure.

SAFETY









SCREEN

As a standard feature on our safir solutions, the backlit, anti-reflection, shock-proof, scratch-proof screen displays :



Weight 1234 kg

Stop

Speed O. 149 m/s

Start

- → the battery charge level
- → the behaviour of the radio link
- → the name of the equipment remote-controlled
- → feedback from the equipment controlled and operating alarms (weight of load, overload, limit switches)
- → fault diagnostics.

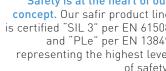


- → configure the application
- → integrate a large number of functions
- → monitor a specific part of the equipment.

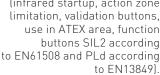
Customisable

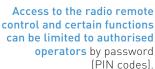
Each product comes with a software to allow you to customize the display, logos and pictograms which appear on the screen.













MANY EXAMPLES OF DEVELOPMENTS / APPLICATIONS

> radi () crane

Overhead conveyor
Overhead travelling crane

radi@green

Brush grinder and chipper Iron and steel scrap press Water treatment equipment Pressure cleaner, vacuum cleaner and air gun

> radi idrive

Transport of bulk and dried food Bulk bin loading/unloading arm Sewer hydrocleaning vehicle Special transport trailers

radi@build

Tower crane
Self-driven pump, belt, concrete mixer
Crusher and materials sifter
Demolition machine / robot
Drilling, perforation and slicing
machinery

radi)safe

Automated storage
Self-propelled handling
Adjustment on an automated machine
Manual control machine

> radi@farm

Forestry timber cross-cutting and hauling
Wine pump

> radi@lift

Lift Escalator

> radi@motion

Waterway bridge
Port crane or conveyor belt
Gas and oil loading arm
Airport equipment
Lighting and handling
of stage sets
Railway equipment



Beta



Compact, easy to handle, flexible Operator module

2 or 6 function buttons + 2 navigation buttons + start/validation + stop
3 different buttons types available IP65 tightness transmitter
Integrated or Plug-in rechargeable battery Transmitter support charger
Safety stop PLe EN13849 and SIL 3 EN61508
64 frequencies in 433MHz
12 frequencies in 869MHz



Gama

Many options



Robust, Ergonomic, Secure Operator module

6 or 10 function buttons + 2 navigation buttons + start/validation + stop 3 different buttons types available IP65 tightness transmitter Plug-in rechargeable battery Transmitter support charger Safety stop PLe EN13849 and SIL 3 EN61508 64 frequencies in 433MHz 12 frequencies in 869MHz Infrared start-up option



Pika



Compact, Ergonomic Operator module

1 or 2 joysticks + 4 or 6 function buttons + 2 navigation buttons + start/validation + stop 6 different buttons types available IP65 tightness transmitter Plug-in rechargeable battery Safety stop PLe EN13849 and SIL 3 EN61508 64 frequencies in 433MHz 12 frequencies in 869MHz Different options available





Modular, multifunction Operator module

2, 3 joysticks or 6 levers + 4 to 16 function buttons + 2 navigation buttons + start/validation + stop 6 different buttons types available IP65 tightness transmitter Plug-in rechargeable battery Safety stop PLe EN13849 and SIL 3 EN61508 64 frequencies in 433MHz 12 frequencies in 869MHz Different options available







Compact industrial remote control

64 frequencies in 433MHz

Infrared start-up option

4 function buttons + start + stop 5 different buttons types available Electronic key Light-weight, compact transmitter IP65 tightness, protective foams Integrated rechargeable battery Transmitter support charger Safety stop PLd EN13849 6+3 relays



Standard industrial remote control

6 or 8 function buttons + start + stop 3 different buttons types available Electronic key IP65 tightness transmitter and receivers

Plug-in rechargeable battery Safety stop PLd EN13849 9 or 12 +3 relays 64 frequencies in 433MHz 12 frequencies in 869MHz



Modular industrial remote control

6, 8 or 10 function buttons + start + stop

6 different buttons types available Electronic key

IP65 tightness transmitter and receivers

Plug-in rechargeable battery Safety stop PLd EN13849 6, 12 or 18 +3 relays 64 frequencies in 433-434MHz 12 frequencies in 869MHz 64 frequencies in 911-918MHz Infrared start-up option Special functions



ATEX industrial remote control Transmitter ExII1GD ExiaIIBT5Ga ExiaIIICT100°CDaIP65 Receiver ExII2GD ExdiaIIBT6Gb ExtIIICT80°CDbIP65

6,8 or 10 function buttons + start + stop 6 different buttons types available Electronic key IP65 tightness transmitter and receivers Plug-in rechargeable battery Safety stop PLd EN1384

18 +3 relays 64 frequencies in 433-434MHz 12 frequencies in 869MHz

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Orion



Simple industrial remote control

1, 2, 4, 6, 8, 12 or 16 function buttons Versions with start/stop buttons Single step push buttons IP65 tightness transmitters and receivers Standard battery or rechargeable battery Transmitter support charger 2, 4, 8 or 16 +1 relays

2, 4, 8 or 16 +1 relay 1 or 18 frequencies in 433-434MHz Programmable



E780

Isis

Radio logical signal transfers 8 logical signals IP65 tightness housings 4 or 8 relays 18 frequencies in 433-434MHz Programmable



Radio emergency stop - Radio validation handle

4 function buttons + start/stop or 3 position trigger Light-weight, compact and ergonomic transmitters IP65 tightness, protective foams Integrated rechargeable battery Transmitter support charger Safety stop PLe EN13849 and SIL 3 EN61508 6 static outputs + 2 safety relays 64 frequencies in 433MHz Infrared start-up option