



SOLUTIONS
radiogreen



secure solutions for radio control of waste treatment and environment protection machinery



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.



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.

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.



A new generation of radio control solutions for waste treatment and environment protection machinery



Due to the wide range of areas in which radio remote controls are used, your radio remote control needs to be perfectly suited to your needs. With our new product line, our solutions have been thought out to meet your requirements, with options and variants dedicated to your activity.

SCREEN

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

- 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 (alarms, positioning, foam container level)
- fault diagnostics



Sophisticated, intuitive and guided navigation with menus allowing you to :

- 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.



SOLUTIONS radiogreen

SAFETY

Safety is at the heart of our concept. Our RadioCrane product line is certified "SIL 3" per EN 61508 and "PLe" per EN 13849 representing the highest level of safety.



Different options are available to enhance the safety of those applications requiring it (infrared startup, action zone limitation, validation button, "deadman" detection and isolated worker alarm system, validation/clinch trigger).

Access to the radio remote control and certain functions can be limited to authorised operators by password (PIN codes).



radiogreen BRUSH GRINDER AND CHIPPER

Your operational needs

- Control of a stationary or mobile (tracked) brush chipper used for recycling purposes



Solutions



Functions and options

- Operator module availability, including charging mode on holder
- Remote installation of operator module antenna for control from a loading machine
- Action radius limitation for certain dangerous movements
- Anti-condensation pellet
- Information feedback
- Backlit LCD display for indication of equipment alarms (jamming)
- Monitoring of ambient temperature to improve battery service life.

- Grinder emergency stop from remote location
- Allows you to manage adjustment and unjamming of equipment

radiogreen SORTING CENTER EQUIPMENT (CONVEYOR, BALING PRESS), CARDBOARD COMPACTORS AND PLASTIC GRINDERS

Your operational needs

- Manual control of an equipment using a radio remote control (conveyor, hopper, baling press, ...) to perform an adjustment, a test following maintenance or unjam a machine.



Solutions



Functions and options

- Backlit LCD display for easy selection of equipment controlled and intervention area
- Special bi-manual button for validation of each command to avoid any handling mistakes.
- Management of manual and automatic modes by detection of transmitter on charger.
- Device holder to keep operator hands free
- Optional BUS interface for receiver

- Optimum safety for operator and his environment
- Allows you to select equipment to be controlled
- "Deadman" detection and isolated worker alarm system

radiogreen IRON AND STEEL SCRAP PRESS (SHEARING AND COMPACTING)

Your operational needs

- Remote control of a fixed or mobile shearing or compacting press working from a crane.



- Operator module can be used while battery is being charged from loading crane cab
- Operator module charge holder ensures easy charging
- Enhanced productivity (one operator safely handles two machines)

Solutions

Moka



Functions and options

- Customisable, modular ergonomics (selector switches, keyswitches, potentiometer)
- Information feedback for machines controlled.
- Industrial connector
- BUS interface to limit cable requirements

radiogreen ROLL-OVER WASHING MACHINE FOR HEAVY VEHICLES AND PUBLIC TRANSPORT VEHICLES

Your operational needs

- Control of washing machine movements for enhanced comfort in operation



- Compact equipment
- Eliminates the need for control cables on the moving part

Solutions

Beta



Orion*



Orion*



Functions and options

- Up to 16 function buttons
- Anti-condensation pellet for improved resistance to humidity
- Carrying strap and holder
- Information feedback relative to installation malfunctions

* for functions not having safety requirements





radiogreen WATER TREATMENT EQUIPMENT

Your operational needs

- Safe control of rake movements (lifting of grids, translation)
- Control of auxiliary pumps in maintenance mode for treatment plant

Solutions



Functions and options

- Anti-condensation pellet for improved resistance to humidity
- User-friendly selection of components on display
- Infrared startup



- Compact equipment
- High resistance to humidity

radiogreen BIOGAZ EQUIPMENT

Your operational needs

- Control of worm screw, pump and emergency stop on biogas material transformation bins working from loading machine

Solutions



Functions and options

- Limitation of action radius for dangerous controls
- Automatic adjustment of frequency channels
- Monitoring of ambient temperature to improve service life of batteries
- Operator module availability, even when in charging mode on its holder
- Operator module antenna can be remote installed for control from a loading machine



- Extended radio range (allowing stopping of the equipment from a loading machine)
- Compact, easy to use

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PRESSURE CLEANER, VACUUM CLEANER
AND AIR GUN

Your operational needs

- Remote control of a high pressure pump used for cleaning of industrial and infrastructure equipment (on/off, pressure adjustment)
- Control of vacuuming machine or gun for cleaning of industrial equipment, public works and farming equipment



Solutions



- Extra-rugged (resistant to humidity, mud, water)
- Allows selection of several machines and numerous functions

Functions and options

- LCD display for information feedback relative to equipment (pressure)
- Anti-condensation pellet
- Monitoring of ambient temperature to improve service life of batteries
- Carrying strap and holder

* for functions not having safety requirements

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FIRE-FIGHTING AND WATER AND FOAM GUN AND MIST GENERATOR, QUARRY AND PUBLIC WORKS DUST SUPPRESSOR

Your operational needs

- Safe remote control of direction of gun, flow rate, on/off functions of pumps used for fire prevention and fighting operations
- Safe remote control of direction of gun, flow rate, on/off functions of pumps used with dust suppression systems



Solutions



- Extra-rugged (resistant to humidity, mud, water)
- Numerous functions, easy to use
- "Deadman" detection and isolated worker alarm system

Functions and options

- Anti-condensation pellet
- Information feedback with indication of foam container level





NO MATTER WHEN WE ARE HERE TO LISTEN TO YOUR NEEDS

- Our sales team will work with you to understand your operational requirements.
- Our technical team will work with you to coordinate your project up to commissioning.
- Our intervention team will maintain and repair your equipment on site.
- Hot-line for urgent troubleshooting.



INTERNATIONAL FOOTPRINT

For more than 20 years, JAY Electronique has been active world-wide through its network of local partners.



radiocrane
INDUSTRIAL
LIFTING
& HANDLING



radiogreen
WASTE
PROCESSING
EQUIPMENT



radiodrive
INDUSTRIAL
EQUIPMENT



radiobuild
PUBLIC WORKS
AND QUARRY
EQUIPMENT



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