



SOLUTIONS
radiolift



secure solutions
for radio control
of man lifting and
transport 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 man lifting and transport 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 Radiolift 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 (overload, alarms : operating endurance / overturn / offset / struts / horizontality, sensor fault, gate fault)
- 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.



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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 (action zone limitation, validation buttons).

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



radiolift SELF-PROPELLED RAIL AND WHEEL MOUNTED LIFT

Your operational needs

- Control of equipment (translation and axles) for correct, safe positioning on rails.

Solutions



Functions and options

- Wire-type backup connection for optimum use of equipment
- Anti-condensation pellet
- Compact receiver with built-in antenna for quick and easy installation
- Joystick with movement validation
- Safety keyswitch
- Toggles for additional functions
- Limitation of action zone for certain movements



- Extra-rugged (resistant to impacts, weather)
- Operator stays clear of equipment during dangerous phases when positioning lift on rail
- Risks related to cable control are eliminated

radiolift SELF-PROPELLED SCISSOR LIFT

Your operational needs

- Control of lift movement on ground and control of platform lifting using same transmitter.

Solutions



Functions and options

- LCD display for information feedback (alarms, operating endurance).
- Detection of transmitter in lift platform to authorise lifting
- Anti-condensation pellet
- Compact receiver with built-in antenna and industrial connector for quick and easy installation
- Joystick with movement validation
- Safety keyswitch
- Toggles for additional functions
- Gate safety input



- Movements are secured (no lifting possible from ground)
- Risks related to cable control are eliminated

radiolift TRACKED SPIDER LIFT

Your operational needs

- Remote control of all lift functions using same transmitter : rotation, translation, spreading of tracks, positioning of stabilisers, lifting of platform

Solutions

Moka



Functions and options

- Two-mode configuration to manage movement / stabilisation, then elevation of platform using the same radio remote control
- LCD display showing the work mode selected and providing customised information feedback (alarms)
- Detection of transmitter in platform to authorise lifting
- Anti-condensation pellet
- Toggles for additional functions
- Wire-type backup connection
- BUS interface on receiver for connection to equipment in just a few seconds.



- Risks related to cable control are eliminated
- Movements are secured (no lifting possible from ground)
- Compact radio equipment
- User-friendly, functional man-machine dialogue

radiolift TRUCK-MOUNTED LIFT

Your operational needs

- Remote control of all lift functions (turret rotation, unfolding of swivel and telescopic arms)

Solutions

Moka



Functions and options

- LCD display for error-free selection and indication of desired movement
- Anti-condensation pellet
- Joysticks with movement validation
- Toggles for additional functions



- Eliminates control cables
- Sophisticated radio link
- User-friendly, functional man-machine dialogue





radiolift BUILDING ELEVATOR

Your operational needs

- Control of elevator cabin for elevator equipment assembly and renovation operations



Solutions



- Fast to set up, saves time
- Sophisticated radio link
- Compact transmitter
- Risks related to cable control are eliminated

Functions and options

- A compact radio control solution (transportable).

radiolift ESCALATOR

Your operational needs

- Control of equipment for inspection and maintenance operations to ensure operator safety



Solutions



- Removable connection at equipment control cabinet
- A compact radiocontrol solution
- "Deadman" detection and isolated worker alarm system
- Movements validated by unintentional bi-manual control

Functions and options

- LCD display for sensor fault indication
- Industrial connector for quick installation in just a few seconds
- Detects when transmitter is not on its charger (radio control / desk control modes interlocked)
- Optional bus receiver
- Magnetic studs for quick installation

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PERMANENT BUILDING MAINTENANCE PLATFORM

Your operational needs

- Control of up/down and translational movements of platform along building wall using control panel in platform or from a radio transmitter.



Solutions



Functions and options

- LCD display for information feedback (alarms, anti-collision bar, gate, overload).
- Anti-condensation pellet
- Transmitter support base
- Additional battery, quickly interchangeable
- Joysticks with movement validation
- Safety keyswitch
- Toggles for additional functions
- Gate safety input
- Optional BUS interface on receiver

- Sophisticated radio link
- Extended battery endurance

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SKI LIFT

Your operational needs

- Control of ski lift (stop, start, +/- speed, control of gates) while monitoring automatic operation
- Control of service platform (forward/reverse) for maintenance work on ski lift



Solutions



Functions and options

- Validation trigger ensuring operator safety
- LCD display for function selection
- Detection of absence of transmitter on charger (radio control / desk control modes interlocked)
- Anti-condensation pellet
- Carrying strap and holder
- Operator identification by PIN code
- "Deadman" detection and isolated worker alarm system
- Optional BUS interface on receiver

- Optimum radio performance (maximum range)
- Extra-rugged (for tough atmospheric conditions)
- Extended endurance even at low temperatures
- Efficient monitoring, assistance and immediate intervention in the event of an incident





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.



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INDUSTRIAL
LIFTING
& HANDLING



radiogreen
WASTE
PROCESSING
EQUIPMENT



radiodrive
INDUSTRIAL
EQUIPMENT



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