



SOLUTIONS
radi▶drive



**secure solutions
for radio control
of industrial vehicles**



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 industrial vehicles.



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 Radiodrive solutions, the backlit, anti-reflection, shock-proof, scratch-proof screen displays :

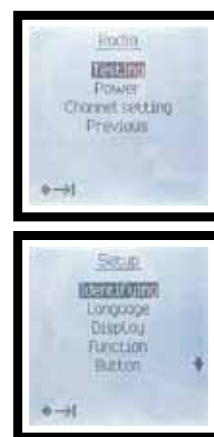
- the battery charge level
- the behaviour of the radio link
- the name of the equipment remote-controlled
- feedback from the equipment controlled and operating alarms (load weight, fill level, engine speed)
- fault diagnostics

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, use in ATEX area, « deadman » detection and isolated worker alarm system).

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





radiodrive

VEHICLE CARRIER

Your operational needs

- Selection and control of various truck platforms to facilitate loading and unloading of vehicles.

Solutions

Beta



Functions and options

- LCD display and navigation menu for selection of truck platforms
- Special processing of extreme conditions
- Charging support with « operator module forgotten » detection
- Suitable for vibration encountered on rolling equipment
- Anti-condensation pellet
- Monitoring of ambient temperature to improve battery service life



- Easy, error-free selection of truck platforms to be controlled
- Compact and ergonomic
- Easy to use
- Extra-rugged (resistant to impacts, weather)
- Adapts to radio environment

radiodrive

WRECKERS / POUND VEHICLES

Your operational needs

- Control of truck platform and winch for removal of wrecked and broken-down vehicles.
- Control of loader bar on pound vehicles

Solutions

Orion*



Orion*



Beta



Functions and options

- LCD display for selection and indication of truck component controlled (bed, winch, loader bar...).
- Anti-condensation pellet
- Receiver mounted on vibration mounts
- Monitoring of ambient temperature to improve battery service life



- High movement precision
- Extra-rugged (resistance to impacts, weather)
- Adapts to radio environment
- Compact transceiver
- Charging support with « operator module forgotten » detection

* for functions not having safety requirements

radidrive LIQUID TRANSPORT

Your operational needs

- Remote control of pump and hose winder for enhanced comfort in use.

Solutions



Functions and options

- Up to 4 function buttons + On/Off button - Protective cover

* for functions not having safety requirements



- An economic solution
- Simple, easy to use
- Compact and ultra-light (75g)

radidrive TRANSPORT OF BULK AND DRIED FOOD

Your operational needs

- Precision, effortless control of unloading arm
- Control of auxiliary engine and worm screw.

Solutions



Functions and options

- LCD display for information feedback (engine speed, functional status ...)
- Receivers mounted on vibration mounts
- Recording of number of controls and their duration for preventive maintenance / troubleshooting procedures on vehicle
- Recording of events to facilitate on-site and remote diagnostics

- Anti-condensation pellet
- Monitoring of ambient temperature to improve battery service life

- TWO-MODE variant : in addition to its main functions, your remote control can be used to control directional axles or the functions of a tow truck.



- Compact design
- Extra-rugged (resistant to impacts, weather, dust)
- Assists in preventive maintenance and diagnostics
- Charging support with « operator module forgotten » detection





radi drive

TRUCK-MOUNTED AUXILIARY CRANE

Your operational needs

- Control of various components of auxiliary cranes used for loading and unloading (unfolding of arms, extension of boom, hook/grabber/fork).



Solutions

Moka



Functions and options

- LCD display for information feedback (overload, oil temperature and pressure, stabilisers alarm ...)
- Proportional controls with excellent touch sensitivity
- Anti-condensation pellet
- Industrial connector for fast-connection
- Limitation of action zone for certain movements
- Toggles for additional functions
- Wire-type backup solution
- Optional BUS interface on receiver

- High movement precision
- Optimum visibility
- Extra-rugged (resistant to impacts, weather)
- Adapts to radio environment
- Charging support with « operator module forgotten » detection
- Assists in preventive maintenance and diagnostics

radi drive

BULK BIN LOADING/UNLOADING ARM

Your operational needs

- Control of lifting arm (hook, multi-bin, front and side removal) for loading, unloading and emptying (by tilt-over) of a bin.



Solutions

Beta



Functions and options

- LCD display and navigation menu dedicated to application (function selection)
- Charging support with « operator module forgotten » detection
- Monitoring of ambient temperature to improve battery service life
- Anti-condensation pellet
- Action zone limitation

- Extra-rugged (resistant to impacts, weather)
- Compact, easy to use
- Adapts to radio environment

radiodrive SPECIAL TRANSPORT TRAILERS

Your operational needs

- Control of directional axles and accessories (winch, ramps) on special transport trailers

Solutions



Functions and options

- LCD display for selection and control of several components of a trailer (axles, ramps, winch ...)

- Anti-condensation pellet
- Receiver mounted on vibration mounts
- Monitoring of ambient temperature to improve battery service life
- Charging support with « operator module forgotten » detection



- High movement precision
- Extra-rugged (resistant to impacts, weather)
- Adapts to radio environment

* for functions not having safety requirements

radiodrive GAS/FUEL TRANSPORT

Your operational needs

- Unloading of tank

Solutions



Functions and options

- Automatic adjustment of frequency channels

- Anti-condensation pellet
- Receiver mounted on vibration mounts
- Industrial connector for fast connection
- Carrying strap and holder



- High level of safety for use in explosive environment (ATEX approved)
- « Deadman » detection and isolated worker alarm system
- Charging support with « operator module forgotten » detection





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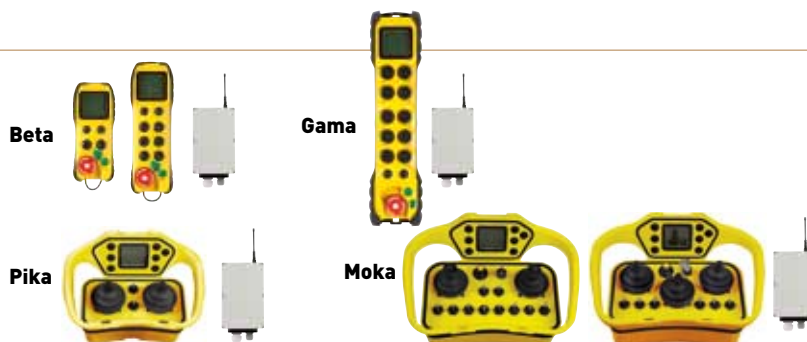
SEWER HYDROCLEANING VEHICLE

Your operational needs

- Remote control of various components of truck (handling arm, hoses, HP pump ...) and portable emergency shutdown to ensure operator protection.



Solutions



Functions and options

- LCD display for information feedback (engine speed, functional status, pressure level...).
- Receivers mounted on vibration mounts
- Anti-condensation pellet
- Charging support with « operator module forgotten » detection
- Carrying strap and holder
- Wire-type backup solution (Pika and Moka)
- Monitoring of charging temperature
- Radio signal propagation post
- Optional BUS interface on receiver.

- Extra-rugged (resistant to impacts, humidity)
- Optimum radio link performance
- Electrically controlled HP gun
- « Deadman » detection and isolated worker alarm system
- Limitation of action zone for certain movements

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LIFT GATES, SLIDING FLOOR PLATES

Your operational needs

- Control of lift gate opening/closure and up/down movements.



Solutions

Orion*



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- Compact, easy to use
- Freedom of movement

Functions and options

- High battery endurance
- Transmitter charging support
- Protective cover

* for functions not having safety requirements

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MODULAR VEHICLES

Your operational needs

- Control of various vehicle components (mobile cinemas, market, scanner...)



Solutions

Beta



UD



- LCD display and navigation menu for selection and control of desired component
- Compact, easy to use

Functions and options

- Balance between ergonomics and number of functions
- Charging support with « operator module forgotten » detection
- Management of bypass functions
- Monitoring of ambient temperature to improve battery service life
- Anti-condensation pellet
- Action zone limitation





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



radiosafe
INDUSTRIAL
EQUIPMENT



radiofarm
FARMING AND FOREST
MANAGEMENT
EQUIPMENT



radiolift
MAN LIFTING
& TRANSPORT
EQUIPMENT



radiomotion
INFRASTRUCTURE
EQUIPMENT

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