



Jupiter RX161



Jupiter Era 8B, 6B, 4B



Jupiter 10B D



Jupiter Era 100

Remotus Jupiter

- Robust radio remote control for safety critical applications

Remotus Jupiter is Åkerströms' standardized remote-control product line for most of today's industrial cranes and overhead cranes, used, for example, in manufacturing, steel works, mines and processing industries. The system has pre-programmed selections and work on the general frequency band so users can easily install and start up the system.

The Jupiter line offers various transmitter models. The waist transmitter comes in two versions, Jupiter Era 100 handles three movements at two speeds and contains two extra functions. The other, Jupiter Era 150, a more sophisticated version, which handles three movements at two speeds, and contains five extra functions. The hand held transmitters comes in two models in different variants. The new Jupiter Era transmitter with 8, 6 or 4 two-stage buttons and graphic LCD as standard. Jupiter 10B comes with 10 two-stage buttons. LEDs on each button indicate selected function and a separate LED indicates storage battery status and operation. The transmitters are available with Nordic/DIN symbols/Compass signs.

Jupiter Era waist transmitters.

Jupiter Era waist transmitters is easy to use and have a well thought out robust and ergonomic design. It is designed with rubberized handles for the best possible grip and it stands stable on its stainless steel feet even when not in use. The waist transmitter has dual CPUs for extra high security level. Jupiter Era waist transmitters has active stop, stops in <100 ms and tilt switch.

Alarm and unique battery solution

Jupiter Era 100/150 comes with graphic LCD as standard, built-in vibrator and buzzer that can be configured for different alarm events, the backlight can for example change to red color at different alarms. The LCD has a clear and simple setting menu. The waist transmitters has a unique battery solution where the battery is well-protected from water and dust inside a replaceable module. The access panel is located below the transmitter.

REMOTUS JUPITER

- Robust and reliable standard systems ready-to-use
- Multi-crane/multi-operator operation, trolley choice and extra functions
- Clear LCDs with a clear setting menu
- Alarm functions for all senses
- Adaptable display incl new easy-to-use configuration tool
- Multi-voltage input range, 24/48/115/230 V AC alt 24 V DC
- Radio with two-way communication
- Radio frequency: 433-434 MHz

Jupiter Era hand held transmitters.

Jupiter Era hand held transmitters has got a modern and robust design. The transmitter is very light and easy to carry, only 265 g (incl battery) The transmitters are of protection class IP67 which means completely dust and water tight. It has an adaptive output power – If the signal strength is strong, both transmitter and receiver “downshift” to a lower output power in order to minimize interference as much as possible.

Multi-crane & multi-operator.

Several of the Jupiter systems are adapted for multi-crane/multi-operator operation and trolley choice, which means that it is possible to maneuver several objects from the same transmitter and possible to maneuver the same object from several transmitters. Jupiter Era 8B and Jupiter 10B is adapted for multi-crane/multi-operator operation alt trolley choice. Jupiter Era 150 is adapted to handle both multi-crane/multi-operator operation and trolley choice.

Robust and reliable.

The Remotus Jupiter product line is built to tolerate tough industrial environments. Environments that are often plagued by drastic temperature differences, dust, vibrations, oil, and humidity. Enormous emphasis was put on ergonomically designed transmitters—to facilitate ease of use.

Portable configuration.

Configuration of button functions, frequency, shutdown time, and remaining or momentary functions, is easily done from the pushbuttons. Users can configure the transmitters via computers with ordinary terminal programs. And they can store transmitter configurations on a CIM card. That way, a transmitter's configuration can be effortlessly moved to another transmitter. The CIM card is secured but easily accessible via a service shutter.



Jupiter Era 8B/6B/4B



Jupiter 10B D



Jupiter Era 100



Jupiter Era 150



Jupiter RX161

Visit our webshop for
accessories and spare parts
at akerstroms.com

TECHNICAL FACTS

WAIST TRANSMITTERS

JUPITER ERA 100/150

No. of functions J Era 100: Three movements at two speeds and contains two extra functions

No. of functions J Era 150: Three movements at two speeds and contains five extra functions

Output power: 10 mW

Operating time: about 14 h

Protection class: IP65-67

Size: 260 x 165 x 150 mm **Weight:** 1.3 kg

Display type: Graphic LCD, 128*64 pixels

HAND HELD TRANSMITTERS

JUPITER ERA 8B/6B/4B

No. of buttons: 8, 6 alt 4

Output power: 10 mW

Operating time: about 40 h

Protection class: IP67

Size: 183 x 67 x 45 mm **Weight:** 265 g

Display type: Graphic LCD, 128*64 pixels.

JUPITER 10B D

No. of buttons: 8/10 two-stage buttons

Output power: 10 mW

Operating time: about 13 h

Protection class: IP65

Size: 243 x 77 x 41 mm **Weight:** 480 g - 520 g

Display type: Graphic LCD, 102*64 pixels.

RECEIVER

JUPITER RX161

No. of outputs: 16 outputs: 4 changing and 12 open contacts incl. 6 safety relays

Outputs for safety stop:

2 safety relays, 2 changing contacts

No. of inputs: 1 analogue input 4-20mA/0-10V

1 serial input: RS422/RS485

2 opto isolated digital inputs for 24/48V AC/DC or 115/230 V AC, 50/60Hz

Power consumption: max 12 VA

Protection class: IP67

Size: 277 x 217 x 115 mm **Weight:** 1.5 kg

Connection voltage: 24/48/115/230 VAC alt. 24 VDC

COMMON FACTS JUPITER

Radio frequency: 433-434 MHz

Transmission type: FM GMSK

Transmission speed: 9 600 baud

Battery: 3,7 V / 1,9 Ah

Operating temperature: -25 to +55°C

Safety stop function: PL d, Cat 3 (EN ISO 13849-1)