

ARC Flex JX

Flexible joystick control



The ARC Flex JX is a flexible joystick remote control system with extensive configuration options. The JX transmitter is equipped with two dual-axis joysticks with up to 5 steps in each direction. Additional, there are several pushbuttons and selector switches possible.

Main Features

- Safe and reliable, PL=d according to EN ISO 13849-1
- Dirt and moisture resistant, IP66
- Ergonomically design
- Impact resistant
- Extensive configuration options
- advanced options: IR-release, tilt-control, proportional outputs etc.
- Including charger and 2 NiMH batteries



The transmitters are ergonomically designed, rugged yet compact and lightweight. Moisture, oil and dust are no threat with the IP66 enclosure. The enclosure is made of a nylon/fiberglass composite, extremely impact resistant and making it suitable for the harshest environments. The waist belt offers the operator the opportunity to free both hands for other work.

The joysticks provide the operator control through the clear tactile transitions between the steps. The number of steps is a maximum of 5, but can be limited as desired. Also the additional functions in the form of push buttons, rocker switches or rotary switches can be adjusted as desired.

The transmitter is also equipped with an adjustable tilt-control; This feature turns the system off if the transmitter is at an angle of 45° or more, for example if it falls. Both the transmitter and receiver have a display for indicating system status information and notifications.

Optionally, the system can be provided with infra-red release. When switched on, visual contact is required between operator and crane or machine.

The receiver provides a large number of output relays, but can also be equipped with proportional outputs

The transmitter is provided with a removable I-chip. It contains the most saved settings which easily can be moved to another transmitter or receiver.



Due to extensive configuration options, the remote control can be made suitable for almost all applications. Additional, master-slave, tandem and multi-channel belongs to the possibilities.

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Specifications

General	
Frequentie range	433.050 - 434.750 MHz
Channels	62
Channel selection	Fixed or automatic
Modulation	PII, CRC check and Hamming-code
Operating range	> 100 meter
Responsetime	40 - 60 ms
Protection class	IP 66
Ambient temperature during operation	-25°C - 75°C
Operating time battery	> 48 hour

Transmitter

Type	Flex JX
Transmit power	2 - 10 mW
Power supply	6V NiMH accu
Size	247 x 145 x 180 mm
Weight	1.8 Kg



Receiver

Type	Flex JX Standard
Relays	42
Switching capacity	8A, 250 VAC
Power supply	12 - 34 VDC 24/42/48 VAC 110/230/400/460 VAC
Size	345 x 240 x 108 mm
Weight	3.65 Kg



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