

# XARS8D18W

Wireless remote control system comprising 1 remote ZART8D + 1 base ZARB18W



## Main

Range of product	Harmony XAR
Product or component type	Control station
Device short name	XARS
Control station type	Wireless
Product specific application	Hoisting applications Material handling
Number of channels	50
Control station application	Stop function: SIL 2 maximum (can reach PL d/category 3) conforming to EN/IEC 62061 Stop function: SIL 2 maximum (can reach PL d/category 3) conforming to EN/ISO 13849-1 Emergency stop function: SIL 3 maximum (can reach PL e/category 4) conforming to EN/IEC 62061 Emergency stop function: SIL 3 maximum (can reach PL e/category 4) conforming to EN/ISO 13849-1 Motion function: SIL 1 maximum (can reach PL c/category 1) conforming to EN/IEC 62061 Motion function: SIL 1 maximum (can reach PL c/category 1) conforming to EN/ISO 13849-1 Limiter protection function: SIL 1 maximum (can reach PL c/category 1) conforming to EN/IEC 62061 Limiter protection function: SIL 1 maximum (can reach PL c/category 1) conforming to EN/ISO 13849-1

## Complementary

Kit composition	Base station Remote control
Operating distance	100 m in free air
Cable entry	Cable gland
Communication network type	Wireless: bluetooth low energy
Transmission frequency	2.4 GHz

## Environment

Radio agreement	RSS SRRC ANATEL ARIB FCC ICASA
Relative humidity	0...95 % at -20...45 °C storage

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Electromagnetic compatibility	Resistance to electrostatic discharge - test level: 4 kV class B (on contact) conforming to IEC 61000-4-2 Resistance to electrostatic discharge - test level: 8 kV class B (in air) conforming to IEC 61000-4-2 Resistance to radiated electromagnetic fields - test level: 10 V/m class B conforming to IEC 61000-4-3
Standards	EN/IEC 60204-1 safety EN/ISO 13849-1 safety EN/IEC 62061 safety EN/IEC 61508 safety EN/ISO 13850 safety EN/IEC 60204-32 hoisting applications EN 13557 hoisting applications EN 12077-2 hoisting applications EN 15011 hoisting applications EN 14439 hoisting applications EN 14492 hoisting applications ETSI EN 301 489-1 radio ETSI EN 301 489-3 radio ETSI EN 301 489-17 radio ETSI EN 300 440-2 radio ETSI EN 300 328 radio FCC part 15 radio RSS GEN issue 3 radio RSS 210 issue 8 radio ARIB STD-T81 radio
Product certifications	CE UL CSA C-Tick JIS KC EAC

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	2.541 kg
Package 1 Height	19.5 cm
Package 1 width	28.7 cm
Package 1 Length	31 cm
Unit Type of Package 2	S04
Number of Units in Package 2	2
Package 2 Weight	5.897 kg
Package 2 Height	30 cm
Package 2 width	40 cm
Package 2 Length	60 cm
Unit Type of Package 3	P06
Number of Units in Package 3	8
Package 3 Weight	33.828 kg
Package 3 Height	75 cm
Package 3 width	80 cm
Package 3 Length	60 cm

## Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

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WEEE

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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