



Harmony[®] Pocket remote wireless control system

Operator control stations

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Harmony Pocket remote wireless control system

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Operator control stations

Wireless remote control system

Harmony Pocket remote

Pocket-sized operator control offer for general machine control

The Harmony® Pocket range of wireless remote control systems is an operator control station used in material handling and general machine control applications. It is based on 2 types of device:

- > A remote control transmitter, which is the operator interface with the machine.
- > A receiver, which is hardwired to the machine. It receives control commands from the remote device and transmits information to the operator.

The remote control system is a combination of these devices that communicates via radio transmission.

Pocket-sized form factor

- > Designed to fit in the palm of the hand
- > Embedded mounting solution to fit easily on belt



Remote device design though small in size has the option of 3, 4, 6, 8, and 10 buttons to suit user requirements

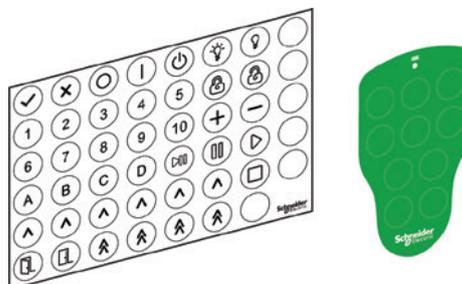
Friendly customization

- > Industrial-grade cover can be easily customized
- > Enables clarity of operation by having the details on the front cover itself



Predefined label cover

- > A front cover with a range of commonly used icons
- > Quick and easy customization with minimal design effort



Note: For customization, please contact your local Schneider Electric representative for technical support.

 Customize your transmitter with the DIY label kit



360° view
click on the image for 3D view

Universal easy-to-use offer

- > Harmony Pocket remote uses the globally-compatible 2.4 GHz frequency, which is in unrestricted worldwide use.
- > The offer is compliant with FCC and IC.



2.4GHz frequency

Unrestricted worldwide use with a global frequency

Industrial applications

- > Ideally suited for the majority of industrial applications



Material Working



Semiconductor



Packaging



Pumping



Food and Beverage



Water & Wastewater



Winch



Wireless machine upgrades in 60 seconds

Pendant control stations

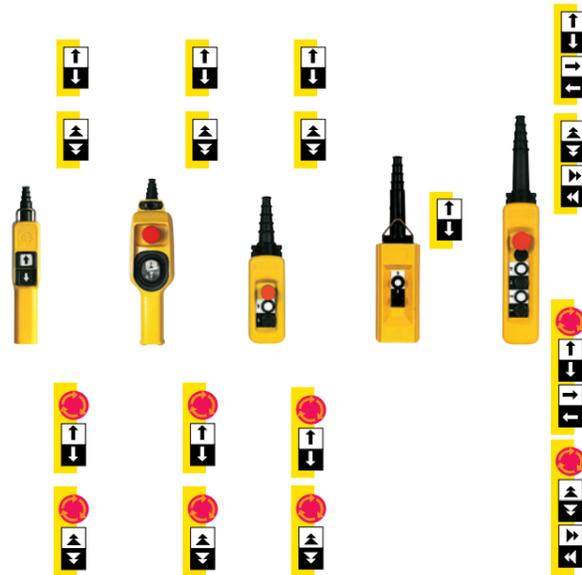
Complete stations "ready for use"

Applications

Motor control

Pendant control stations	
Control circuits	
Simple hoisting: 1 movement	Handling-hoisting: 2 movements

-  Single-speed
-  2-speed
-  Emergency stop



Number of operators	2	1 (2-directional)	2	2	4
Enclosure material	Polypropylene		Polyester		Polypropylene
Shock resistance	100 gn	70 gn	100 gn		
Conformity to standards	EN/IEC 60947-5-1, EN/IEC 60204-32, UL 508, CSA 22-2 No. 14, and EN/IEC 60947-5-5, EN/ISO 13850 (1)		EN/IEC 60947-5-1 and CSA 22-2 No. 14	EN/IEC 60947-5-1, EN/IEC 60204-32, UL 508, CSA 22-2 No. 14, and EN/IEC 60947-5-5, EN/ISO 13850 (1)	
Protective treatment	Standard version, "TH"				
Degree of protection	IP65		IK08		
Cable entries	Rubber sleeve with stepped entry diameter for cable Ø 7 to 15 mm/ 0.28 to 0.59 in.	Rubber sleeve with stepped entry diameter for cable Ø 7 to 18 mm/ 0.28 to 0.71 in.	Rubber sleeve with stepped entry diameter for cable Ø 8 to 26 mm/ 0.31 to 1.02 in.	Rubber sleeve with stepped entry diameter for cable Ø 7 to 13 mm/ 0.28 to 0.51 in., Ø 10 to 22 mm/ 0.39 to 0.87 in., Ø 22 to 35 mm/ 0.87 to 1.38 in.	Rubber sleeve with stepped entry diameter for cable Ø 8 to 26 mm/ 0.31 to 1.02 in.
Operator control station type reference	XACA	XACD	XACA	XACB	XACA

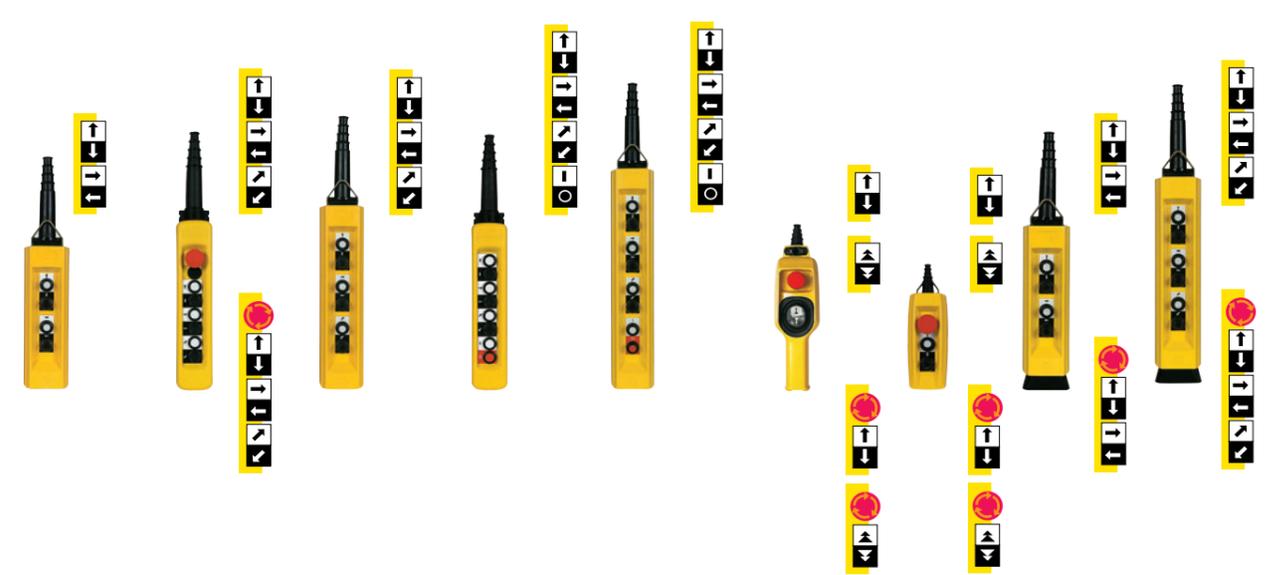
(1) For versions with trigger action Emergency stop.

[Click here for Pendant control station catalog](#)

More technical information on www.schneider-electric.com

Pendant control stations	
Control circuits	
	Handling-hoisting: 3 movements

Power circuits		
Simple hoisting: 1 movement	Handling-hoisting:	
	2 movements	3 movements



4	6	6	8	8	1 (2-directional)	2	4	6
Polyester	Polypropylene	Polyester	Polypropylene	Polyester	Polypropylene	Polyester		
100 gn					100 gn			
EN/IEC 60947-5-1, CSA 22-2 No. 14	EN/IEC 60947-5-1, EN/IEC 60204-32, UL 508, CSA 22-2 No. 14, and EN/IEC 60947-5-5, EN/ISO 13850 (1)	EN/IEC 60947-5-1 and CSA 22-2 No. 14	EN/IEC 60947-5-1, EN/IEC 60204-32, UL 508, CSA 22-2 No. 14, and EN/IEC 60947-5-5, EN/ISO 13850 (1)	EN/IEC 60947-5-1 and CSA 22-2 No. 14	EN/IEC 60947-5-1, EN/IEC 60204-32, UL 508, CSA 22-2 No. 14, EN/IEC 60947-3, and EN/IEC 60947-5-5, EN/ISO 13850 (1)			
Standard version, "TH"					Standard version, "TH"			
IP65					IP65			
IK08					IK08			
Rubber sleeve with stepped entry diameter for cable Ø 7 to 13 mm/ 0.28 to 0.51 in., Ø 10 to 22 mm/ 0.39 to 0.87 in., Ø 22 to 35 mm/ 0.87 to 1.38 in.	Rubber sleeve with stepped entry diameter for cable Ø 8 to 26 mm/ 0.31 to 1.02 in.	Rubber sleeve with stepped entry diameter for cable Ø 7 to 13 mm/ 0.28 to 0.51 in., Ø 10 to 22 mm/ 0.39 to 0.87 in., Ø 22 to 35 mm/ 0.87 to 1.38 in.	Rubber sleeve with stepped entry diameter for cable Ø 8 to 26 mm/ 0.31 to 1.02 in.	Rubber sleeve with stepped entry diameter for cable Ø 7 to 13 mm/ 0.28 to 0.51 in., Ø 10 to 22 mm/ 0.39 to 0.87 in., Ø 22 to 35 mm/ 0.87 to 1.38 in.	Rubber sleeve with stepped entry diameter for cable Ø 7 to 18 mm/ 0.28 to 0.71 in.	Rubber sleeve with stepped entry diameter for cable Ø 10 to 22 mm/ 0.39 to 0.87 in.		
XACB	XACA	XACB	XACA	XACB	XACD	XACB	XACB	XACB

More technical information on www.schneider-electric.com

Pendant control stations

Variable composition stations

Applications	Pendant control stations		
	Control circuits		
Number of cut-outs	1 or 2	2, 3, 4, 5, 6, 8, or 12	2, 3, 4, 6, 8, or 12 in 1 row or 2 rows of 6



Enclosure material	Polypropylene	Polyester	
Shock resistance	Conforming to standard IEC 60068-2-27 100 gn		
Conformity to standards	EN/IEC 60947-5-1, EN/IEC 60204-32, UL 508, CSA 22-2 No. 14, EN/IEC 60947-3, and EN/IEC 60947-5-5, EN/ISO 13850 (1)		
Protective treatment	Standard version, "TH"		
Degree of protection	Conforming to standard IEC 60529 IP65 Conforming to standard EN 50102 IK08		
Equipment	<ul style="list-style-type: none"> Emergency stop (front mounted) Contact blocks for 1 or 2 speeds 	<ul style="list-style-type: none"> Pushbuttons Selector/key switches Pilot lights Emergency stop (front or base mounted) Wobblesticks Contact blocks for 1 or 2 speeds 	<ul style="list-style-type: none"> Pushbuttons Selector/key switches Pilot lights Emergency stop (front or base mounted) Wobblesticks Contact blocks for 1 or 2 speeds
Cable entries	Rubber sleeve with stepped entry diameter for cable Ø 7 to 18 mm/0.28 to 0.71 in.	Rubber sleeve with stepped entry diameter for cable Ø 8 to 26 mm/0.31 to 1.02 in.	Rubber sleeve with stepped entry diameter for cable Ø 10 to 22 mm/0.39 to 0.87 in.
Operator control station type reference	XACD	XACA	XACB

Pendant control stations	Power circuits	
Control circuits		
Up to 30	1 or 2	2, 3, 4, 6, 8, or 12 in 2 rows of 6



Enclosure material	Polyester	Polypropylene	Polyester
Shock resistance	Conforming to standard IEC 60068-2-27 100 gn		
Conformity to standards	EN/IEC 60947-5-1, EN/IEC 60204-32, UL 508, CSA 22-2 No. 14, EN/IEC 60947-3, and EN/IEC 60947-5-5, EN/ISO 13850 (1)		
Protective treatment	Standard version, "TH"		
Degree of protection	Conforming to standard IEC 60529 IP65 Conforming to standard EN 50102 IK08		
Equipment	<ul style="list-style-type: none"> Pushbuttons Selector/key switches Pilot lights Emergency stop (front or base mounted) Wobblesticks Contact blocks for 1 or 2 speeds 	<ul style="list-style-type: none"> Emergency stop (front mounted) Contact blocks for 1 or 2 speeds 	<ul style="list-style-type: none"> Pushbuttons Selector/key switches Pilot lights Emergency stop (front or base mounted) Wobblesticks Contact blocks for 1 or 2 speeds
Cable entries	Rubber sleeve with stepped entry diameter for cable Ø 10 to 22 mm/0.39 to 0.87 in. and Ø 22 to 35 mm/0.87 to 1.38 in.	Rubber sleeve with stepped entry diameter for cable Ø 7 to 18 mm/0.28 to 0.71 in.	Rubber sleeve with stepped entry diameter for cable Ø 10 to 22 mm/0.39 to 0.87 in.
Operator control station type reference	XACF	XACD	XACB

Operator control stations

Complete stations “ready for use”

Applications	Wireless remote control stations
	Control circuits
	Handling-hoisting: 3 movements



Number of operators	6
Enclosure material	Polycarbonate (PBT)
Shock resistance	100 gn
Conformity to standards	EN/IEC 60947-5-1, EN/IEC 60204-32, UL 508, CSA 22-2 No. 14, EN/ISO 13849-1, EN/IEC 62061, EN/IEC 61508, EN/ISO 13850, EN 13557, and EN 15011
Protective treatment	Standard version, “TC”
Degree of protection	IP65 IK08
Cable entries	-
Operator control station type reference	XAR

(1) For versions with trigger action Emergency stop.

[Click here for Harmony eXL hoist catalog](#)

More technical information on www.schneider-electric.com

Applications	Wireless remote control stations
	Control circuits



Number of operators	3, 4, 6, 8, and 10
Enclosure material	Polyurethane
Shock resistance	-
Conformity to standards	For receiver: EN 300 328 V2.1.1: 2016-11 EN 301 489-1 V2.1.1: 2017-02 EN 301 489-17 V3.1.1: 2017-02 EN 60950-1:2006 + A11: 2009 EN 50581: 2012 For transmitter: EN 300 440 V2.1.1: 2017-03 EN 301 489-1 V2.1.1: 2017-02 EN 301 489-3 V2.1.1: 2017-03 EN 60950-1:2006 + A11: 2009 + A1: 2010 + A12: 2011 EN 62479: 2010 EN 50581: 2012
Protective treatment	Standard version, “TC”
Degree of protection	IP67 for transmitter and IP66 for receiver
Cable entries	-
Operator control station type reference	ZAR

PVC torsion cable, largest single wire Ø 0.21 mm (0.008 in.), outer Ø 12.0 mm (0.47 in.)

[Click here for Harmony Pocket catalog](#)

More technical information on www.schneider-electric.com

Operator control stations

Wireless remote control system

Harmony Pocket Remote



Harmony Pocket remote control system

Presentation

The Harmony Pocket remote range of wireless remote control systems provides mobility solutions to help improve operator efficiency and reduce installation time.

The remote control system is a combination of a transmitter and a receiver, which transmits commands and information from the operator to the machine by wireless transmission.

The offer comprises:

- 5 transmitter options ranging from 3 buttons up to 10 buttons
- 2 receiver options of 5 and 11 relays

Radio communication

The system operates on 2.4 GHz frequency with simplex one direction radio. In order to prolong the autonomy of the system, a radio signal will be transmitted when at least one of the buttons is pressed.

Environment

Degree of protection:

- IP65 for the receiver
- IP65 and NEMA 4 for the wireless control device

Product certification:

- For the receiver: CE
- For the transmitter: CE, FCC, IC

Description

Transmitter

The transmitter has the following controls:

- 1 Status LED display
- 2-11 Buttons
- 12 Power button (ON/OFF)
- 13 Clip
- 14 Product label

Receiver

The receiver has the following controls:

Front view

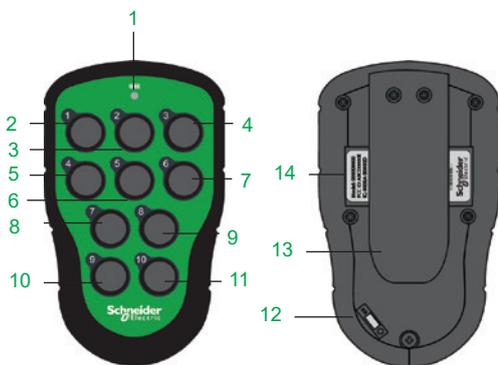
- 1 4 x Ø5 mm/0.20 in. holes for standard mounting on a support
- 2 4 x screws to maintain the cover of the receiver
- 3 1 x cable gland for cables Ø 6...13 mm/0.25...0.50 in.

Internal board view

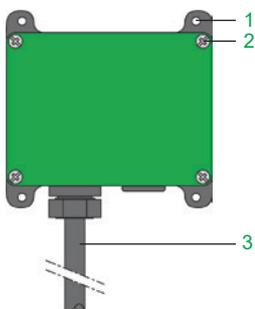
- 1 Relays R1 ...R5
- 2 Relay LEDs (red)
- 3 Power LED (yellow)
- 4 Radio module
- 5 Function button (cancel)
- 6 Select button (OK)
- 7 Function LEDs
(8 = red, 9 = yellow, 10 = green, 11 = orange)
- 8 Terminal block for input power

Expansion board view

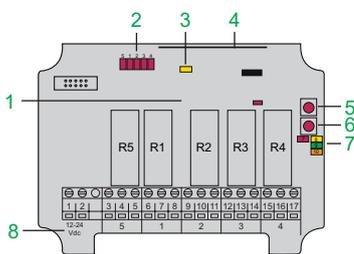
- 9 Relays R6...R11
- 10 Relay LEDs (red)
- 11 Communication LED (green)



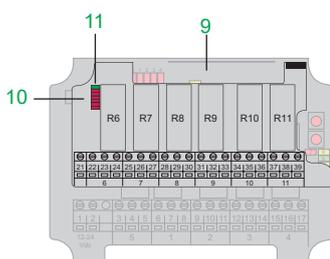
Front view of ZART10 transmitter Rear view of transmitter



Front view of receiver



Internal board view of receiver



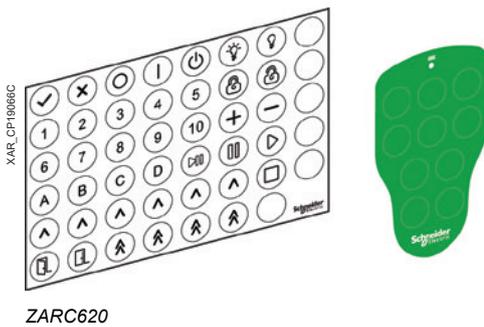
Expansion board view of receiver

Operator control stations

Wireless remote control system

Harmony Pocket Remote

Transmitter, receiver, and accessories



Transmitter

Description	Battery	No. of pushbuttons	Reference	Weight kg/lb
Single-step pushbutton	2 x 1.5 V AAA/LR06 Alkaline (1)	3	ZART03	0.135/0.298
		4	ZART04	0.135/0.298
		6	ZART06	0.135/0.298
		8	ZART08	0.135/0.298
		10	ZART10	0.135/0.298

Receiver

Description	Relay outputs	Power supply V	Reference	Weight kg/lb
Wired connection (pre-wired with 1.5 m/4.92 ft cable)	5 relays	12...24 ---	ZARB05WSP	0.400/0.882
	11 relays	12...24 ---	ZARB11WSP	0.400/0.882

Accessories

Description	For use with	Sold in lots of (2)	Reference	Weight kg/lb
Customizable label kit for remote transmitter, 66 x 114 mm/2.60 x 4.49 in.	ZART03, ZART04, ZART06, ZART08, ZART10	1	ZARC620 (3)	0.135/0.298

(1) 2 batteries are included in packaging.

(2) Pack consists of 5 sheets of label kit.

(3) 1 polyester base layer for graphic printing, 1 set of unique legends.

Z	
ZARB05WSP	11
ZARB11WSP	11
ZARC620	11
ZART03	11
ZART04	11
ZART06	11
ZART08	11
ZART10	11

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Schneider Electric Industries SAS

Head Office
35, rue Joseph Monier - CS 30323
F-92500 Rueil-Malmaison Cedex
France

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