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## SALTO W Series Handle Access Control Instructions

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**SALTO W Series Handle Access Control**



## Product Specifications

- **Product:** RFID Reader
- **Commercial Name:** XS4 Original, XS4 One S, XS4One S KEYPAD, XS4 Original i-Button
- **Model:** E0102 (A), E1215 (A), E2131 (A), E0127 (B)
- **Technology:** RFID 13.56 MHz
- **Output max. Power:** +25 dBm
- **Control:** Bluetooth LE Module, RF2 Module, SoC
- **Mechanical Warnings:** Avoid removing the protective layer; clean product surfaces with a damp cloth after manipulation; clean stainless steel regularly

## Product Usage Instructions

### Electrical Warnings

**Caution:** Distance between this device and human body must be higher than 20 cm.

### Recommended Batteries

- Duracell Plus Power (AAA) LR03 MN2400
- Duracell Ultra Power (AAA) LR03 MX2400
- Varta Industrial (AAA) LR03 04003
- Varta High Energy (AAA) LR03 04903
- Varta Max Tech (AAA) LR03 MN2400
- Duracell Plus Power (AA) LR6 MN1500
- Duracell Ultra Power (AA) LR6 MX1500

- Varta Industrial (AA) LR6 04006
- Varta High Energy (AA) LR6 04906
- Varta Max Tech (AA) LR6 MN1500

## Mechanical Warnings

- Avoid removing the protective layer. Clean product surfaces with a damp cloth after manipulation when the installation is finished. For best performance, stainless steel should be cleaned regularly.
- Note that when the door is closed without the lock having been already programmed, the lock will automatically lock and can only be opened with a Portable Programming Device (PPD).
- If you have questions or doubts, please contact your authorized SALTO supplier.

## Frequently Asked Questions (FAQ)

- **Q: Can the RFID Reader work with any type of door?**

A: The RFID Reader is compatible with most standard doors. It is recommended to consult with a SALTO supplier for specific door compatibility.

- **Q: How often should the product surfaces be cleaned?**

A: It is recommended to clean the product surfaces with a damp cloth after manipulation and to regularly clean stainless steel for best performance.

- **Q: What should I do if the lock automatically locks without being programmed?**

A: If the lock automatically locks without being programmed, it can only be opened with a Portable Programming Device (PPD). Contact your authorized SALTO supplier for assistance.

## Compliance

## PRODUCTS DESCRIPTION

PRODUCT		TECHNOLOGY			SOFTWARE							
COMMERCIAL NAME	MODEL	RFID 13.56 MHz  Output max. Power	BLUETOOTH LE 2400–2483.5 MHz	IEEE802.15.4 2400–2483.5 MHz	CONTROL	READER	Bluetooth LE MODULE	RF2 MODULE	MOTOR	SoC		HSE
			Output max. Power	Output max. Power						FUS	Bluetooth LE Stack	
	W09	+25 dBm			0037	0132						
	W0J	+25 dBm	+8 dBm		0037	0133	0136					

XS4 Original E0102 (A)	W0S	+25 d Bm	+2.8 d Bm		0126	0132	–					
	W09W	+25 d Bm		+5 dBm	0016/0061/0095	0132		0038/0099				
	W0BW	+25 d Bm	+8 dB m	+5 dBm	0016/0095	0132/0140	0136	0038/0099				
	W0JW	+25 d Bm	+8 dB m	+5 dBm	0016	0133	0136	0038				
	W08	+20 d Bm			0037	0082						
	W08W	+20 d Bm		+5 dBm	0016/0061	0082		0038				
XS4 Original with Keypad E1215 (A)	W0BK	+25 d Bm	+8 dB m		0016/0095	0132	0136					
	W0JK	+25 d Bm	+8 dB m		0016	0133	0136					
	W0SK	+25 d Bm	+2.8 d Bm		126	0132	–					
	W0BWK	+25 d Bm	+8 dB m	+5 dBm	0016/0095	0132/0140	0136	0038/0099				
	W0JWK	+25 d Bm	+8 dB m	+5 dBm	0016	0133	0136	0038				
XS4 Original+ E2131 (A)	W40M	+25 d Bm	+6 dB m		0174				0202	0186	0187	0197
	W40T	+25 d Bm	+6 dB m		0174				0219	0186	0187	0197
	W40MH	+25 d Bm	+6 dB m		0174				0219	0186	0187	0197
	W80M	+25 d Bm	+6 dB m		0174				0202	0186	0187	0197
	W60M	+25 d Bm	+6 dB m		0174				0202	0186	0187	0197
	W60T	+25 d Bm	+6 dB m		0174				0219	0186	0187	0197
	W60MH	+25 d Bm	+6 dB m		0174				0219	0186	0187	0197
	W80M	+25 d Bm	+6 dB m		0174				0202	0186	0187	0197
	W40T	+25 d Bm	+6 dB m		0174				0219	0186	0187	0197
	W40MH	+25 d Bm	+6 dB m		0174				0219	0186	0187	0197

XS4 On e S E2131 (A)	W60M	+25 d Bm	+6 dB m		0174				020 2	018 6	0187	019 7
	W60T	+25 d Bm	+6 dB m		0174				021 9	018 6	0187	019 7
	W60M H	+25 d Bm	+6 dB m		0174				021 9	018 6	0187	019 7
XS4 On e S KE YPAD E2131 (A)	W61MK	+22 d Bm	+6 dB m		0190				020 2	018 6	0187	019 7
XS4 Ori ginal i- Button E0127 (B)	W02				0023/0 024/002 5							

#### EU DECLARATION OF CONFORMITY

EN Hereby, SALTO Systems S.L. (Arkotz Kalea (Pol. Lanbarren), 9 – 20180 Oiartzun– Spain), declares that this access control equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU (RED) and 2011/65/EU (RoHS). You will be able to find a copy of the original declaration of conformity at the following Internet address: <https://www.saltosystems.com/certificate>

#### UKCA DECLARATION OF CONFORMITY

Hereby, SALTO Systems S.L. (Arkotz Kalea (Pol. Lanbarren), 9 – 20180 Oiartzun– Spain), declares that this access control equipment is in compliance with the essential requirements and other relevant provisions of The Radio Equipment Regulations 2017 and RoHS Regulation 2012. You will be able to find a copy of the original declaration of conformity at the following Internet address: <https://www.saltosystems.com/certificate>

UK importer contact information:

Salto Systems, Ltd. Unit 1, The Court Holywell Business Park, Northfield Road, CV47 0FS Southam, UK.

#### EU DECLARATION OF CONFORMITY

EN Hereby, SALTO Systems S.L. (Arkotz Kalea (Pol. Lanbarren), 9 – 20180 Oiartzun– Spain), declares that this access control equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/30/EU (EMCD), 2014/35/EU (LVD) and 2011/65/EU (RoHS). You will be able to find a copy of the original declaration of conformity at the following Internet address: <https://www.saltosystems.com/certificate>

#### UKCA DECLARATION OF CONFORMITY

Hereby, SALTO Systems S.L. (Arkotz Kalea (Pol. Lanbarren), 9 – 20180 Oiartzun– Spain), declares that this access control equipment is in compliance with the essential requirements and other relevant provisions of The Electromagnetic Compatibility Regulations 2016, The Electrical Equipment (Safety) Regulations 2016 and RoHS Regulation 2012. You will be able to find a copy of the original declaration of conformity at the following Internet address: <https://www.saltosystems.com/certificate>

UK importer contact information:

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#### ELECTRICAL WARNINGS

##### Caution

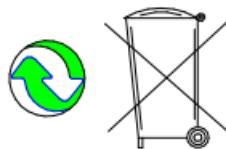
- Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
- Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, can result in an explosion.
- Leaving a battery in an extremely high temperature surrounding environment can result in an explosion or the leakage of flammable liquid or gas.
- A battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.

### Recommended batteries

- Duracell Plus Power (AAA) LR03 MN2400
- Duracell Ultra Power (AAA) LR03 MX2400
- Varta Industrial (AAA) LR03 04003
- Varta High Energy (AAA) LR03 04903
- Varta Max Tech (AAA) LR03 MN2400



- Duracell Plus Power (AA) LR6 MN1500
- Duracell Ultra Power (AA) LR6 MX1500
- Varta Industrial (AA) LR6 04006
- Varta High Energy (AA) LR6 04906
- Varta Max Tech (AA) LR6 MN1500



### MECHANICAL WARNINGS

In order to confirm the correct operation of this electronic device, SALTO recommends using it in combination with a lock destined for that use (door mass, frequency of use, fire door, etc.) and that is in good operational conditions. Polished finishes are strongly recommended in seaside environments for a better performance and durability. The environmental conditions mentioned in the data sheets are always referred to non-condensation situations. The Biocote and IA finishes are painted and sharp objects such as rings or metallic key rings or other metallic objects should be avoided during any cleaning process. The SALTO product should be treated with care during the installation process to avoid any aggressive contact that may damage the unit. It may be necessary to loosen the trims mounting during installation. Do not bring the device into contact with oil, paints or acids. Do not paint the door with the mortise lock or electronic device already mounted on the door. **CLEANING THE ELECTRONIC DEVICE:** a damp cloth with mild soapy water can be used. Never use abrasive soaps or sprays. The black

chromium finish ("NE" code) is coated with a protective oil that improves the product conservation. Its presence may increase the appearance of fingerprint traces after the needed product handling. Thus, no cleaning processes are applied at the origin to avoid removing the protective layer. SALTO recommends cleaning the product surfaces with a damp cloth after its manipulation when the installation is finished. For best performance, stainless steel should be cleaned regularly. Note that when the door is closed without the lock having been already programmed, the lock will automatically lock and can only be opened with a Portable Programming Device (PPD). If you have questions or doubts on this, please contact your authorized SALTO supplier.

## LEGAL WARNINGS

The user shall be responsible for the correct use and maintenance of the access control equipment according to the instructions herein. SALTO shall not be responsible for any defect, malfunction, loss or damage, whether direct or indirect, caused by or arisen from any improper installation or utilization of the equipment or which contravenes, transgresses or infringes in any manner the above mentioned instructions. SALTO's liability concerning the equipment is limited to the warranty provided. The warranty does not cover product failures due to repairs, modifications or product manipulations performed in the access control equipment or in the inner electromechanical structure by anyone other than authorized SALTO dealers or personnel.



## FCC COMPLIANCE STATEMENT [1]

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This product is a radio transmitter and receiver to be used in mobile conditions.

## Supplier's Declaration of Conformity



We, SALTO Systems, S.L., hereby declare that the equipment bearing the model number specified above was tested conforming to the applicable FCC Rules. Responsible Party – U.S. Contact Information  
Salto Systems Inc. USA. 1780 Corporate Drive, Suite 400. Norcross, GA. 30093. v.kourellos@saltosystems.com

## ISED COMPLIANCE STATEMENT [2]

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to ICES-003.

## IMDA COMPLIANCE LABEL [4]

Complies with IMDA Standards DA108623

## NCC WARNING STATEMENT / NCC[5]

### Legend:


	Remarks:
[1] FCC	Not applicable for models W08, W08W
[2] ISE D	Not applicable for models W08, W08W
[3] MIC	Not applicable for models W08, W08W, W40M, W60M, W80M, W41M, W61M, W81M, W61MK, W02
[4] IMD A	Not applicable for models W08, W08W, W02
[5] NCC	Not applicable for models W09, W0S, W09W, W0BW, W0JW, W08, W08W, W0SK, W0BWK, W0JWK, W40M, W60M, W80M, W41M, W61M, W81M, W61MK, W02

**SALTO SYSTEMS S.L.** [www.saltosystems.com](http://www.saltosystems.com) 3/3

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All contents current at time of publication. SALTO Systems S.L. reserves the right to change availability of any item in this catalog, its design, construction, and/or materials.

## Documents / Resources

	<p><a href="#">SALTO W Series Handle Access Control</a> [pdf] Instructions E0102 A, E1215 A, E2131 A, E2131 A, E2131 A, E0127 B, W Series Handle Access Control, W Series, Handle Access Control, Access Control, Control</p>
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## References

- [saltosystems.com](http://saltosystems.com)



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- [User Manual](#)

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