



MSA GX2 ALTAIR io DOCK Automated Test Gas System Instruction Manual

[Home](#) » [MSA](#) » MSA GX2 ALTAIR io DOCK Automated Test Gas System Instruction Manual 



ALTAIR io DOCK
Automated Test Gas System



Order No.: 10225570
Print Spec: 10000005389 (EO)
CR: 800000052338

Contents

- [1 1 Device Cleaning](#)
- [2 2 Notices](#)
- [3 3 Specifications](#)
- [4 4 Certifications and Markings](#)
- [5 Documents / Resources](#)
 - [5.1 References](#)
- [6 Related Posts](#)

1 Device Cleaning

1.1 Routine Cleaning

Clean the exterior of the ALTAIR io DOCK regularly using only a damp cloth, lint-free cloth, or microfiber cloth. Do not use cleaning agents, as many contain silicone or alcohol, which will damage the sensors of the ALTAIR io 4.

1.2 Dust and Dirt Exposure

Use a dry, soft-bristled brush to remove any dust or dirt that has accumulated on the apparatus.

2 Notices



WARNING!

Repair or alteration of the device beyond the procedures described in the user guide or by anyone other than a person authorized by MSA could cause the unit to fail to perform properly. Use only genuine MSA replacement parts when performing any maintenance procedures described in the user guide. Substitution of components can seriously impair the performance of the unit, alter intrinsic safety characteristics, or void agency approvals.

Failure to follow this warning can result in serious personal injury or death.

Approvals are subject to change without notice and may differ based on configuration, part number, and/or country. Contact Customer Service for specific approval information.

2.1 Radio Information

NOTICE

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Canada: CAN ICES-003(A) / NMB-003(A)

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.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void

the user's authority to operate the equipment.

English:

This device complies with RSS-210 of the Industry Canada 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.

Radio	Power	Frequency Range
RFID	≤ 18 dBm	13.56 MHz

To satisfy RF exposure requirements, this device and its antenna must operate with a separation distance of at least 20 cm from all persons.

Radio approval supporting documentation can be found on the MSA website under the ALTAIR io DOCK product page's technical information.

3 Specifications

Operating Temperature Range	0°C to 40°C
Relative Humidity Maximum	90% at 35°C 80% at 40°C
Pollution Degree	II
Maximum Altitude	2000 m
Input Voltage	5.0VDC 2A max

Refer to MSA Power Supply (P/N 10216495) label for information specific to the power supply. Use only MSA Power Supply (P/N 10216495).

4 Certifications and Markings

See the device label on your specific device for applicable certification markings. Label examples included in this document are for demonstration purposes only and may not accurately depict the current product certification status.

Information common to all labels:

Manufacturer	MSA – The Safety Company 1000 Cranberry Woods Drive Cranberry Towns
Product	ALTAIR io DOCK Automated Test Gas System
Serial Number and Date	The serial number and date of manufacture can be found on the ALTAIR io DOC

4.1 Conformance Statement

MSA certifies that the materials, components, and/or instruments delivered in this shipment conform to all applicable specifications. The items delivered have been processed through the appropriate approved document-controlled procedures for receiving, manufacturing, and inspection. The materials, components, and/or instruments were inspected, tested, and calibrated, as applicable, per the associated drawings, standards requirements, and/or specifications, and were deemed acceptable by appropriate authorized personnel.

4.2 Markings Contained on Label

NOTE: Labels may vary based on geographic location. The label below is an example, and the label on the device may differ from the example based on local requirements.



Wikipedia, the free encyclopedia

FCC ID: P9R-10208141 IC: 324C-10208141 HVIN: 10208141 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.
- This Class A digital apparatus complies with Canadian ICES-003. Receiver Class 3. Temperature Range 0°C to 40°C (32°F to 104°F)

Cranberry Twp. Pennsylvania U.S.A. 16066 Product of U.S.



WARNING

Read and understand user instructions before use. Only use the ALTAIR io DOCK Cylinder holder in non-hazardous environments free of combustible concentrations of gases and vapors. Failure to follow these warnings can result in serious personal injury or death.

ALTAIR io DOCK

Test stand



SSSSSSSSSSSSSSSSSS

SN

YYYY/MM



KKKKKK

KEY



Wikipedia, the free encyclopedia

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.

This Class A digital apparatus complies with Canadian ICES-003.



Temperature Range 10°C to 35°C (50°F to 95°F) USE ONLY MSA POWER MODULE 10216495.
Cranberry Twp. Pennsylvania U.S.A. 16066 Product of U.S.




MSAsafety.com

[MSAsafety.com](https://www.MSAsafety.com)

WARNING

Read and understand user instructions before use. Only use the ALTAIR io DOCK in non-hazardous environments free of combustible concentrations of gases and vapors. Failure to follow these warnings can result in serious personal injury or death.

Documents / Resources

 <p>MSA ALTAIR io DOCK Automated Test Gas System</p>	<p>MSA GX2 ALTAIR io DOCK Automated Test Gas System [pdf] Instruction Manual 10208141, P9R-10208141, P9R10208141, GX2 ALTAIR io DOCK Automated Test Gas System, GX2, ALTAIR io DOCK, Automated Test Gas System</p>
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References

- [MSA Safety | Global](#)
- [Launch Studio - Listing Details](#)