RHEA

Satellite

RHEA COMPACT PORTABLE COMMAND CONSOLE

USER MANUAL
RHEA Satellite Wifi

CE **European Electromagnetic Compatibility Directive (EMC) 2014/30/EU**

WARNING

We strongly recommend that you fully read these instructions before operating the **RHEA** Satellite Wifi for the first time (see section 2 – Use).

The **RHEA** Satellite Wifi is a remote control screen that connects to a **RHEA** Compact device via a Wifi wireless network.

Read the **RHEA** Compact user manual.

To make it easier for the different users to access more detailed information, this manual is divided into 3 sections:

- **Section 1: general information.**
- **Section 2: end user instructions for use.**
- **Section 3: technical information for servicing and maintenance personnel.**

PACKING LIST

- **RHEA** Satellite Wifi unit.
- USB power supply cable to charge the unit.
- User Manual.

TABLE OF CONTENTS

SECTION 1 - GENERAL INFORMATION

1.1 SAFETY INSTRUCTIONS

- **READ THESE INSTRUCTIONS THOROUGHLY** and strictly follow the chronological order of installation, start-up and maintenance.

- The device can be used up to 2,000 m in altitude with temperatures from +5°C to +35°C and a relative humidity of 99% non-condensing.

- Do not allow any liquid to penetrate the device.

- Do not place the device near a heat source.

- Do not use the device in the presence of flammable gases.

- Do not twist, stretch or damage the USB cable.

ATTENTION : BEFORE WORKING ON AN ELECTRICAL COMPONENT, SWITCH OFF AND UNPLUG THE **RHEA** Satellite Wifi.

ATTENTION : WORK ON THE **RHEA** Satellite Wifi IS STRICTLY RESERVED FOR **airinspace**® MAINTENANCE STAFF OR DULY TRAINED PERSONNEL.

THE USER IS LIABLE FOR ANY DAMAGE, REGARDLESS OF ITS NATURE, CAUSED BY NON-COMPLIANCE WITH THE USAGE RULES AND SAFETY INSTRUCTIONS.

1.2 REGULATORY STANDARD

RHEA Satellite Wifi devices are CE-marked and comply with European regulations

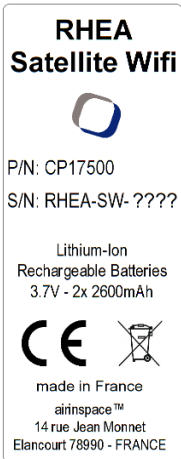$C\epsilon$ **European Electromagnetic Compatibility Directive (EMC) 2014/30/EU**

1.3 NORMATIVE STANDARDS

NF EN 61326 (2013): "Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: general requirements"

1.4 CLASSIFICATION

Electrical protection class	**Class III**
Degree of protection against water and solids	**IP 40**

1.5 LABELLING

Label	Description	Position
Product	**RHEA Satellite Wifi** P/N: CP17500 S/N: RHEA-SW-???? Lithium-Ion Rechargeable Batteries 3.7V - 2x 2600mAh CE made in France airinspace™ 14 rue Jean Monnet Elancourt 78990 - FRANCE	Back of the unit

1.6 PHYSICAL CHARACTERISTICS OF THE RHEA SATELLITE WIFI

Electrical supply	Charge	Power supply via USB cable - 5V / 1A
	Battery	Lithium-Ion - 3.7V 2x 2600mAh
Water/solids protection index	IP40	
Overall dimensions	H 90 x L 130 x D 30 mm	
Weight of the **RHEA** Satellite Wifi	260 g	
Environmental operating range	Temperature	+5 °C to +35 °C (41°F to 95°F)
	Relative humidity	< 99% non-condensing
Environmental storage range	Temperature	5°C to 35°C (41°F to 95°F)
	Relative humidity	20% to 90%
	Dust level	< 1 mg/m^3 (0.03mg/ft^3)

NOTA : The information contained in this table is for information only. For any information on measurements and tolerance intervals, please contact **airinspace**® at the address provided at the end of this document.

1.7 **DESCRIPTION OF THE DEVICE – OVERVIEW**

1   Touchscreen

2   USB port (recharge)

3   Return to start page

4   On/Off switch

1.8   **STORAGE INSTRUCTIONS**

The unit must be stored in a clean area with an atmosphere not polluted by industrial activities.

The unit must be protected from dust, direct sunlight, heat sources, frequent changes in temperature and humidity, chemicals or other products.

    Storage temperature: +5°C to +35°C (41°F to 95°F).

    Relative humidity: 20% to 90%.

    Dust level: less than 1 mg/m^3 (0.03mg/ft^3).

1.9   **DISPOSING OF THE UNIT**

This product is covered by European Directive 2012/19/EC dated 4 July 2012 on waste electrical and electronic equipment (WEEE) and is part of category 6. "Electrical and electronic tools (with the exception of large-scale stationary industrial tools)" as defined in annex I to this directive.
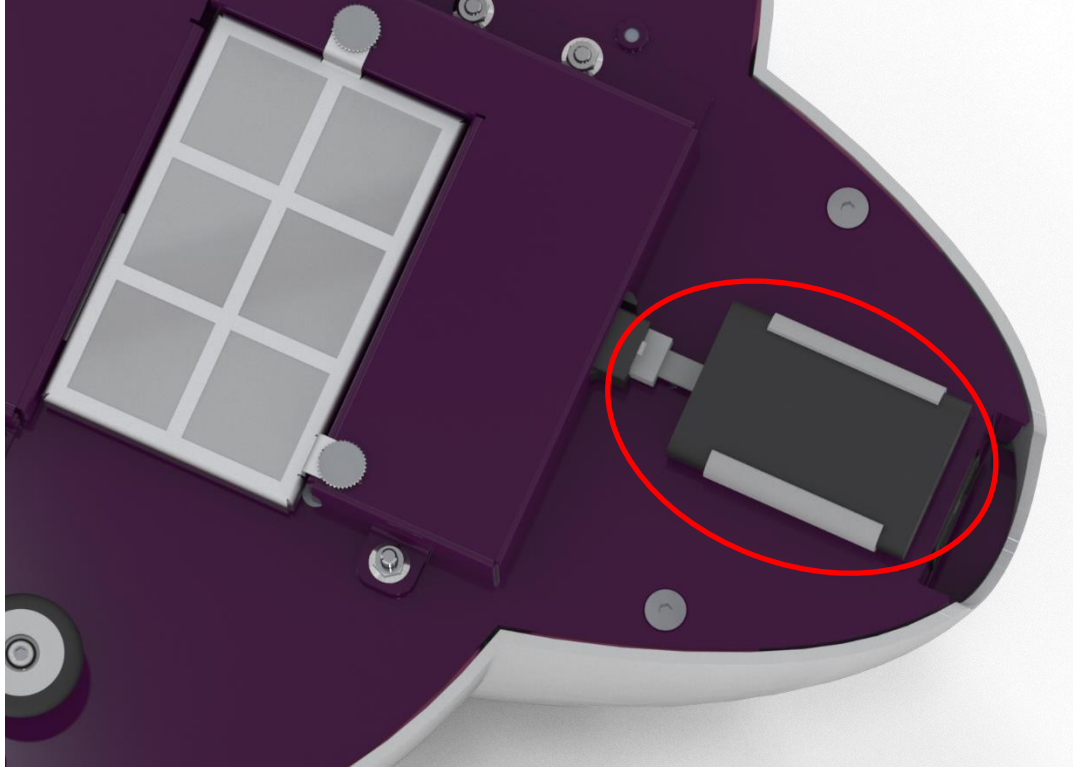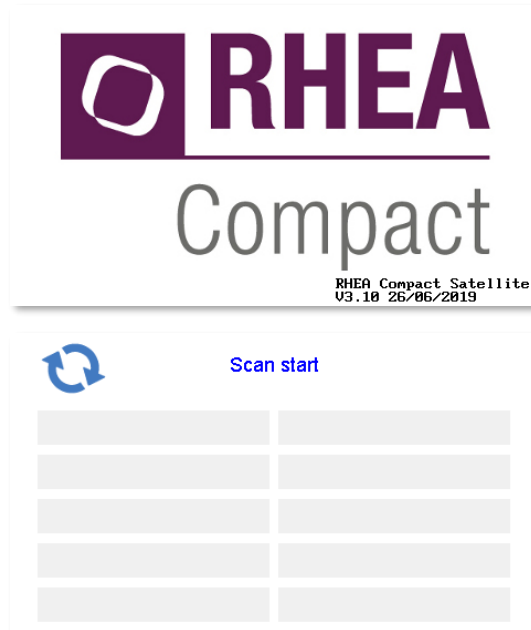
SECTION 2 - USE

2.1 DESCRIPTION OF THE INSTALLATION

The **RHEA** Satellite Wifi is designed to be used with a **RHEA** Compact equipped with a Wifi Dongle (reference CP17501). Once the link between the **RHEA** Compact and the **RHEA** Satellite Wifi has been established, the **RHEA** Satellite Wifi acts as a remote screen, making it possible to control one or more **RHEA** Compact from a distance.
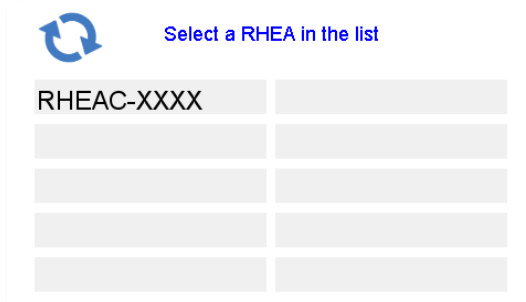
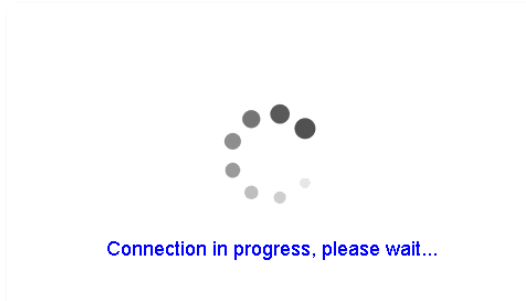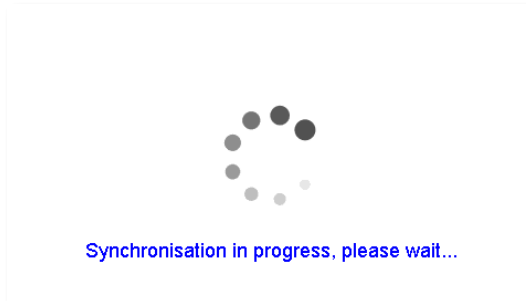| 1- Check that the RHEA Compact is equipped with its Wifi Dongle |
|---|
| |
| 2- Make sure the RHEA Compact is switched on
3- Turn on the RHEA Satellite Wifi by flipping the On/Off switch (see §1.7 marker 4)
4- After a few seconds, the following screens appear: |
| |

5- The **RHEA** Satellite Wifi **automatically launches a search for compatible devices on the Wifi network.**
    a. **If the "No RHEA found" message appears, make sure the RHEA** Compact **is switched on and within range (*). Press the ↻ icon to start scanning again.**
    b. **Once the search has been completed, all RHEA** Compact **devices within range are listed on the following screen, "XXXX" corresponding with the unit's serial number:**

Select a RHEA in the list

RHEAC-XXXX

6- **After selecting the RHEA** Compact **from the list, the RHEA** Satellite Wifi **connects to the machine (this may take a few seconds):**

Connection in progress, please wait...

7- **Once the connection has been established, the RHEA** Satellite Wifi **synchronises with the RHEA** Compact **(this may take a few seconds):**

Synchronisation in progress, please wait...

8- **Once the synchronisation has been established, the RHEA** Compact **can be used remotely.**

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(*) The range is around twenty metres in an indoor environment. It may vary depending on the number of walls separating the unit from the **RHEA** Compact and the composition of these walls.

2.2   DESCRIPTION OF USE

The **RHEA** Satellite Wifi is synchronised with the **RHEA** Compact via the Wifi wireless network. The **RHEA** Satellite Wifi is powered by two 3.7V 2600mAh batteries, included in the unit.

This control unit allows you to configure the **RHEA** Compact from the outside via a 4.3 inch touchscreen, and monitor the progress of the disinfection cycle at any time.
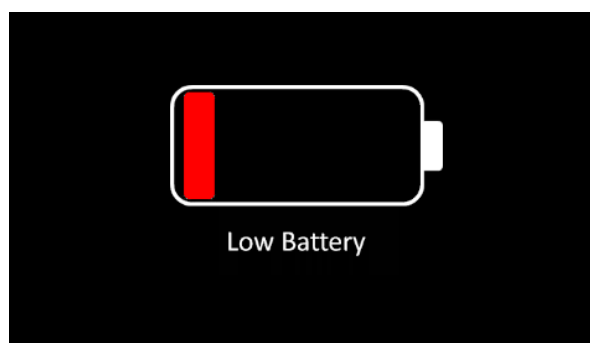
It is possible to supervise up to 10 **RHEA** Compact devices. Simply programme the devices one by one, following the procedure described in §2.1, and switch from one **RHEA** Compact to another using the "Return to start page" button (see §1.7 marker 3).

2.3   RECHARGING AND CONSERVING BATTERY LIFE

The **RHEA** Satellite Wifi is equipped with a Lithium-Ion battery to guarantee an operating period of 8 hours.

To conserve battery life: once spraying is under way, and except for immediate supervision needs, we recommend turning off the unit via the "On/Off switch" (see §1.7 marker 4).

When the battery is flat, the following screen comes up:

To recharge the battery, use the USB cable to connect the recharge port of the **RHEA** Satellite Wifi (see §1.7 marker 2) to a 5V / 1A power source. A complete charging cycle takes 5 hours.
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SECTION 3 - MAINTENANCE - REPAIR

3.1 **CLEANING**

Use a single-use or recyclable wipe.

3.2 **WARRANTY**

Contact your local **air**in**space**® dealer.
Note: any problems arising from an unauthorised repair attempt, modification, fall, use at incorrect voltage or operations that do not comply with the instructions in the User Manual are not covered by the warranty.

3.3 **MODEL IDENTIFICATION**

When contacting **air**in**space**® or a dealer, please provide the serial number for the **RHEA** Satellite Wifi and its date of purchase:

CONTACT **air**in**space**®

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France

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