

Airtraq

DOCKING STATION INSTRUCTIONS FOR USE

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1. PRODUCT CODE:

A-590 Airtraq Docking Station.

2. BASIC INFORMATION

The Airtraq Docking Station recharges the battery and displays the remaining service life of the Airtraq Avant Optics. It includes a socket where Airtraq Wi-Fi Cameras A-360 and A-390 can be recharged.

The Docking Station is supplied ready to use. Its package includes a Battery Charger, needed to connect it to mains supply. **USE DOCKING STATION ONLY WITH BATTERY CHARGER PROVIDED.**

In order to keep the Airtraq Avant Optics clean it shall be inserted into the Docking Station covered by the Optics Storage Case.

A full battery recharge cycle of the Airtraq Avant Optics takes around 120 minutes. When the battery is fully charged it can be used for around 120 minutes.

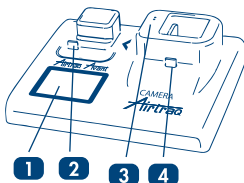
Charging and operating cycles of the Airtraq Wi-Fi

Cameras A-360 and A-390 are detailed in their corresponding IFU.

The manufacturer recommends placing the Optics and/or Camera into the Docking Station after each intubation.

No maintenance of the Docking Station is required.

3. DOCKING STATION INDICATORS AND CONNECTORS

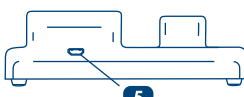


1. **Display:** LCD that shows the remaining service life of the Optics as well as its battery charge level.

2. **Airtraq Avant Optics connector:** Micro-USB male connector.

3. **Airtraq Camera A-390 connector:** Brass pin connector for the A-390 Camera.

4. **Airtraq Wi-Fi Camera A-360 connector:** Micro-USB male connector for A-360 Camera.



5. **Mains Supply Connector:** Micro-USB Female connector to connect to battery charger.

4. AIRTRAQ AVANT OPTICS BATTERY CHARGE AND SERVICE LIFE CHECK

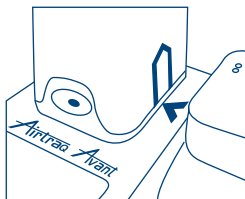
The OPTICS DOES NOT WORK WHEN IT IS BEING CHARGED. IT SHOULD BE CHARGED AT LEAST 1.8 M AWAY FROM THE PATIENT.

1. Connect the Docking Station to the electrical mains supply. It will automatically turn on and show the following image in the LCD display.



2. Insert the Optics by its proximal end.

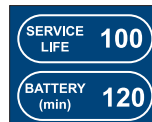
There is only one position in which the Optics fits into the docking Station. Align the orange arrow on the docking station with the orange arrows on the Optics and Optics Storage Case.



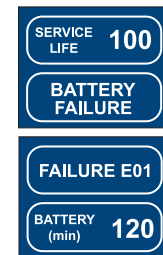
Do not force the Optics in the receiving socket, but make sure to push it down, so that the battery charge jack is well connected.

3. Upon inserting the Optics, it displays the

battery charge status and the number of uses remaining.



In case the Optics become damaged, the LCD will show an error code.



A full recharge cycle of the battery takes approximately 120 minutes.

After a full charge the Airtraq Avant can operate, under standard conditions, for around 120 minutes.

5. AIRTRAQ CAMERAS BATTERY CHARGE

The Airtraq Cameras DO NOT WORK WHEN THEY ARE BEING CHARGED. THEY SHOULD BE CHARGED AT LEAST 1.8 M AWAY FROM THE PATIENT.

1. Connect the Docking Station to the electrical supply. It will automatically turn on and show an image in the display.
2. Insert the Airtraq Camera into the Docking Station.
3. Upon starting to charge

its battery the Airtraq Cameras will automatically turn Off and will show in their screen a battery icon and the battery level expressed in minutes.

For more details about battery charge process of Airtraq Cameras, please consult their corresponding IFU.

6. CLEANING INSTRUCTIONS

The Docking Station is a non-critical device. Recommended cleaning is low-level disinfection. Be sure to follow your institution's specific cleaning procedures in consultation with this manual.

1. Remove Optics and/or Camera from Docking Station.
2. Disconnect the Docking Station from the electrical supply.
3. **Cleaning:** Use clean cotton gauze pads that are saturated with the cleaning solution to wipe down the exterior surfaces of the Docking Station. Use soft brushes with the cleaning solution to remove any residues from areas that cannot be reached with the gauze pads. Be sure to remove all visible contaminant or foreign matter. Be careful to keep running liquid off the surfaces. The following cleaning solutions may be used:

- a. Enzymatic Cleaning Solutions (e.g.: ENZOL™ Enzymatic Detergent).
- b. Neutral pH soap and water.
- c. Sodium bicarbonate

solution (8-10 %).

4. The following Disinfection Agents may be used:

- a. Peracetic Acid Solution (0.08%).
- b. Isopropyl Alcohol (70%).
- c. Solution containing 70% isopropyl alcohol and 2% chlorhexidine (e.g. Clinell Wipe).
- d. Solution containing chlorine dioxide (e.g. Tristel Wipe).
- e. PDI Sani-Cloth® Germicidal Wipes (AF3, Bleach, Plus or Super Sani-Cloth®).

5. Blot dry the Docking Station using an individual sterile surgical towel.

6. **Cleaning the LCD:** Use water only to dampen a lint-free cloth. Do not spray liquid directly on the screen. Wipe the screen.

Caution:

- Do not autoclave.
- Do not rinse under running water.
- Do not soak in liquids.
- Avoid liquid or moisture from going into the Docking Station.

7. OPERATING, STORAGE AND TRANSPORT

The Docking Station should not be stored or transported at temperatures below -5°C/23°F or over 55°C/131°F. The relative humidity must not exceed 95%. The air pressure must not exceed 500 to 1060 hPa.

Please handle with care as with any other electronic device.

8. TECHNICAL DATA

8.1. Docking Station

- Electrical supply input ratings: 5VDC 2A 10W
- Electrical output ratings: 5 VDC, 0.8 A, 4 W
- Display Technical Specifications: 1.77" display LCD (128x160 px)
- Dimensions: 130 X 110 x 40 mm
- Weight: 135 grams.

8.2. Battery Charger

- Electrical supply input ratings: 100-240 V ~, 50-60 Hz, 0.1-0.2 A
- Electrical Output Ratings: 5VDC 2A
- EMC: EN55024, EN55022/B, EN 60601-1-2.
- UL recognized component. Valid for the USA and Canada.
- Micro USB type B male connector.
- Cable length: 1.8 m.

9. REGULATORY



- The A-590 Docking Station is a Non-Medical Electrical Equipment that together with Airtraq Avant Laryngoscope and or Airtraq Camera comprises a Medical Electrical System. It complies with IEC 60601-1 and IEC 60601-1-2 requirements.
- This device shall not be used within the patient's environment. It shall be used at least 1.8 meters away from the patient.
- This device is intended for use by healthcare professionals only.
- This device shall only be used with cables and accessories provided by

the manufacturer.

- This device is classified as Class II for protection against electric shock.
- This device has no applied parts.
- This device is classified as IP21, ordinary equipment, for degree of protection against ingress of water, as per IEC 60529 International Standard (Degrees of Protection provided by enclosures).
- No sterile parts.
- Mode of operation continuous.
- Not intended for use with flammable agents
- This equipment may cause radio interference or may disrupt the operation of nearby equipment. It may be necessary to take mitigation measures, such as reorienting or relocating the medical product or shielding the location.

10. DISPOSAL INSTRUCTIONS

Follow local governing ordinances and recycling plans regarding disposal or recycling of device components.

11. MANUFACTURER'S WARRANTY

Warranty & Service

The manufacturer warrants this device against faulty materials or manufacturing defects for a period of two (2) years from the date of purchase, provided that it is used in accordance with the procedures set up in the instructions for use. This warranty is only

applicable if the device has been bought from an authorized distributor.

The manufacturer disclaims all other warranties, whether expressed or implied, including, without limitation the warranties of merchantability or fitness for a particular purpose.

The warranty covers free repair or swap for an equivalent device of a defective device which fault is proven to be consequence of the manufacturing process.

If you have any technical problems with the device, please call the Airtraq Distributor in your country or send a message through our web site (www.airtraq.com). Before making your call please have the lot number ready. The lot number of the Docking Station is located on a sticker on the back side of the device and also on the original package.

In case of a hardware defect confirming the warranty conditions, your device will be collected and you will receive another one within 10 working days after we receive your defective one.

Handling Instructions for Defective Devices

1. Return units must be packed in original and secured packaging materials. All accessories of the device (cables, etc.) have to be sent back. Damaged incurred during transportation from the customer site is solely the responsibility of the sender.

2. Customer must provide a contact name, phone number, shipping address, the lot number of the Docking Station, description of the problem and proof of purchase.
3. In all cases when the device shows defects which are not covered by the warranty, the customer will remain responsible for all handling costs and transportation fees.

Exclusions from Warranty

1. Product, where the lot number has been defaced, modified or removed.
2. Damage, deterioration or malfunction resulting from:
 - A. Accident.
 - B. Misuse, neglect, fire, water, lightning or other acts of nature.
 - C. Repair or attempted repair by anyone not authorized by Supplier.
 - D. Modification by anyone not authorized by Supplier.
 - E. Any damage of the product due to shipment.
 - F. Causes external to the product, such as: over powering the unit, electric power fluctuations or failure, pouring liquids over the device, etc.
 - G. Normal wear and tear.
 - H. Any other causes which does not relate to a product defect.

12. IMPORTANT SAFETY INSTRUCTIONS

1. Keep, read and follow all of these instructions.
2. Heed all warnings in these instructions.
3. To reduce the risk of fire or shock hazard, do not expose this equipment to rain or moisture.
4. Do not install near any heat source such as radiators, heat registers, stoves or other apparatus that produces heat.
5. Protect the cords from being damaged.
6. Do not use this equipment in presence of flammable anaesthetics, nor in oxygen rich environments.
7. ESD (Electrostatic discharge) may cause malfunction of these devices.
8. Unplug this apparatus during lightning storms or when unused for long periods of time.
9. Do not place vessels containing liquids on top of the apparatus. Do not splash liquids on top of the device.
10. Do not attempt to service this device yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel from your Airtraq distributor.

Manufactured by:
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Hi-Tec Coast, Zhuhai,
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519085 P.R. China

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EU Representative:
PRODOL MEDITEC, S.A.
Muelle Tomás Olavarri 5,
3^{er}. 48930 Las Arenas
SPAIN

Caution: Federal (USA) law restricts this device to sale by or on the order of a physician.

For further advice on using the Docking Station please visit: www.airtraq.com or contact:

America:

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info.usa@airtraq.com

EU & Other:

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