

Airtraq

DOCKING STATION

INSTRUCTIONS FOR USE

ENGLISH

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www.airtraq.com/downloads
to verify you have the most up
to date instructions

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.

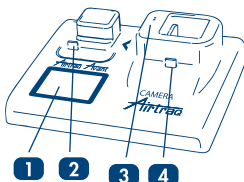
A full battery recharge
cycle of the Airtraq Avant
Optics takes around 120
minutes. When the battery
is fully charged it can be
used for around 120
minutes.

Charging and operating
cycles of the Airtraq Wi-Fi
Cameras A-360 and

A-390 are detailed in
their corresponding IFU.
The manufacturer reco-
mmends 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

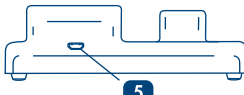


1. **Display:** LCD that shows
the remaining service life
of the Optics as well as its
battery charge level.

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

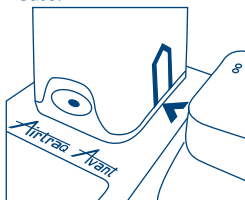
The OPTICS DOES NOT
WORK WHEN IT IS
BEING CHARGED. IT
SHOULD BE CHARGED AT
LEAST 1.8 M AWAY
FROM THE PATIENT.

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



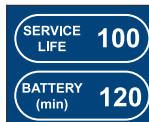
2. Insert the Optics by its
proximal end.

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 approxi-
mately 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 automati-
cally 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:

- Enzymatic Cleaning
Solutions (e.g.: ENZOL
™ Enzymatic
Detergent).
 - Neutral pH soap and
water.
 - Sodium bicarbonate
solution (8- 10 %).
4. The following
Disinfection Agents may
be used:
- Peracetic Acid Solution

(0.08%).
b. Isopropyl Alcohol
(70%).

c. Solution containing
70% isopropyl alcohol
and 2% chlorhexidine
(e.g. Cline 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 indivi-
dual 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.

9. REGULATORY

- This device meets the requirements of European Medical Devices Directive 93/42/EEC of 14 June 1993.

The Declaration of Conformity (DoC) is available from the manufacturer.

- This device is in compliance with the RoHS European Directive.

IEC 60601-1 and IEC 60601-1-2 NOTICES AND WARNINGS

- This device is specified as Class I, accessory, not Applied Part, IPX0, ordinary equipment. Not intended for use with flammable agents, continuous operation.
- This product complies with IEC 60601-1 and IEC 60601-1-2 International Standards for Medical Electrical Equipment.

- According to IEC 60601 Standard, the Docking

Station and Airtraq Avant Laryngoscope and or Airtraq Camera comprise a Medical Electrical System. It complies with requirements regarding Electromagnetic Compatibility. Detailed results of Emissions and Immunity Tests are available from the manufacturer.

- 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 I for protection against electric shock.
- This device has no applied parts.
- This device is classified as IPX0, 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.
- 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:
PRODOL MEDITEC LIMITED
No. 18, 7th Science Ave.
Hi-Tec Coast, Zhuhai,
Guangdong
519085 P.R. China

USA Representative:
AIRTRAQ LLC
2414 Lawton Ln
Rowlett, TX 75089, USA
EU Representative:
PRODOL MEDITEC, S.A.
Muelle Tomás Olavarri 5,
3º. 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:
+877-624-7929
info.usa@airtraq.com

EU & Other:
+34944804690
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Airtraq is a registered trademark.

