Airtraq

A-390 WI-FI CAMERA

Airtraq
CAM

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App Store

GET IT ON
Google Play
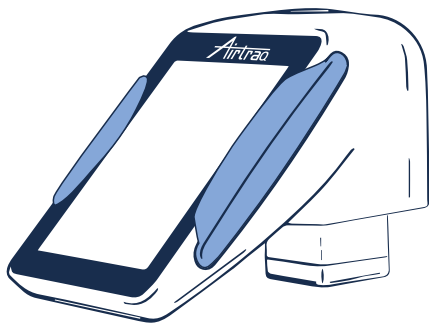
Instructions For Use

ENGLISH

CHECK FOR LATEST SOFTWARE VERSION AVAILABLE BY CONNECTING
TO AIRTRAQ CAM APPLICATION (WINDOWS & MAC)

A-390 WI-FI CAMERA

INDEX

1. A-390 BASIC INFORMATION

Code: A-390
Description: Airtraq Wi-Fi Camera

The A-390 has been specially designed to work only as an accessory for the Airtraq Video Laryngoscope. It is compatible with every Airtraq model.

The A-390 provides colour and real-time images on its 2.8 inch integrated touch screen.

Image can be rotated upside down when necessary.

The A-390 can record and playback videos which are stored on its internal memory.

Videos can be downloaded to a PC (Windows or Mac) through a USB – Micro USB cable, using the application "Airtraq Cam", available at www.airtraq.com (downloads section).

The A-390 can be connected via Wi-Fi to PC, tablet or smartphone according to IEEE 802.11 standard. A-390 does not use any existing Wi-Fi network but creates a proprietary one. An optional password guarantees that only authorized devices are allowed to receive video signal (follow your institution procedures and regulations if using these mobile devices).

A-390 is powered by an internal rechargeable 3.7 V Li-Po battery and does not work when connected to a battery charger.

2. A-390 COMPONENTS

2.1. A-390 Camera
CMOS video camera with integrated touch screen and rechargeable Li-Po Battery.

2.2. USB - micro USB cable
To be used to connect the A-390 to a PC for video downloading or for camera's settings administration.

2.3. Silicon protective case
Provides additional protection against shocks.
It can be easily placed onto or removed from the camera.

2.4. Neoprene pouch
Accessory to store A390 camera and USB cable

2.5. Battery charger

Must be connected to mains supply to charge the 3.7 volts, Li-Po Battery.

Always use the provided mains power supply provided with A-390.

2.6. Docking station

Accessory to facilitate charge of A-390.

Docking Station can also be used to charge the A-360 Airtraq Wi-Fi Camera.

The mains power supply is connected to the Docking Station through its micro USB connector.

2.7. Storage case

Accessory to store all above items.

The A-390 can be charged when it is inside the storage case.

Pass the battery charger cable to the inside of the storage case through the hole on its lateral side and connect the Micro USB directly to the A-390.

It is recommended that the A-390 be stored and transported inside the storage case to protect the camera while not in use.

3. A-390 SWITCHES, INDICATORS AND CONNECTORS

POWER ON

A

C

B
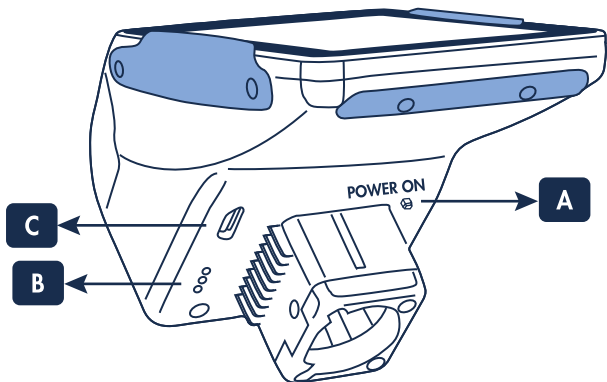
A. Automatic power button: This button is automatically pushed when the A-390 is inserted onto any Airtraq. It can also be pushed manually to turn on the A-390. To turn off the A-390 press the corresponding icon on the menu.

B. Battery charge connector: Brass surface connectors that connect to docking station for battery charge.

C. Micro USB female connector: to connect to PC or to battery charger.

4. A-390 BATTERY CHARGE & CHARGE STATUS CHECKING

The A-390 DOES NOT WORK WHEN IT IS BEING CHARGED. IT SHOULD BE CHARGED AT LEAST 1.8 M AWAY FROM THE PATIENT.

The A-390 is initially supplied with its battery discharged. It is recommended to perform a full charge/discharge cycle of the battery before starting to use the A-390 for clinical purposes. After a full charge, the A-390 can operate for 240 minutes when Wi-Fi is deactivated and for 180 minutes when Wi-Fi is activated. Recharging takes approximately 110 minutes. Without use, the battery will discharge at a rate of 1% per day.

If the A-390 can be turned on, then a minimum of 10 minutes of operating time is guaranteed.

When the A-390 is turned on, an icon and a figure will appear on the header of the screen showing battery charge status.

When in use, if the battery falls below 20 minutes of its capacity the battery charge indicator on the header of the screen and the left charge indicator will become blinking orange. The A-390 will continue to operate for approximately 15 to 20 more minutes. The manufacturer recommends recharging the battery of the A-390 frequently to ensure its availability for use.

Service life for the rechargeable battery depends upon the number of charge-discharge cycles performed. The A-390´s battery is a service replaceable part, if its capacity falls below the acceptable levels please contact your supplier. The A-390 should never be opened by unauthorized personnel. Internal battery can only be replaced by the manufacturer.

To charge battery, Camera Docking Station (A-390-DOCK) or Airtraq Docking Station (A-590) can be used:

4.1. CAMERA DOCKING STATION (A-390-DOCK)

To charge battery using Camera Docking Station (A-390-DOCK):
1. Connect the stand-alone battery charger to mains electrical supply.
2. Insert the micro USB connector to Docking Station and place A-390 onto it.
3. Alternatively, insert charger's micro USB connector directly into the A-390.

Upon starting to charge battery the A-390 will automatically turn Off.
When battery is being charged the user can check charge status by touching the screen, which will show available minutes of operating time and a battery icon.

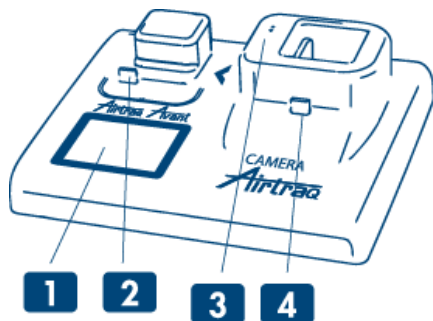## 4.2. AIRTRAQ DOCKING STATION (A-590)

The Airtraq Docking Station (A-590) recharges the battery and displays the remaining service life of the Airtraq Avant Optics and Airtraq Wi-Fi Cameras A-360 and A-390.
The A-590 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.
The manufacturer recommends placing the Optics and/or Camera into the Docking Station after each intubation.
No maintenance of the Docking Station is required.

4.2.1. 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.
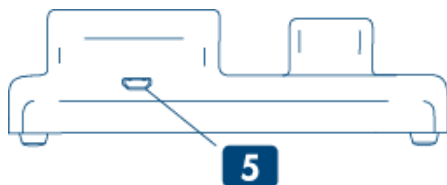
5. Mains Supply Connector: Micro-USB Female connector to connect to battery charger.

4.2.2. Battery charge

To charge battery using Airtraq Docking Station (A-590):

1. Connect the Docking Station to the mains supply. It will automatically turn on.
2. Insert the Airtraq Camera into the Docking Station.
3. Upon starting to charge its battery the Airtraq Camera will automatically turn Off and will show in their screen a battery icon and the battery level expressed in minutes.

5. MOUNTING THE A-390 ONTO THE AIRTRAQ

To mount the A-390 onto the Airtraq:

- Remove eyecup from Airtraq.
- Place A-390 onto Airtraq's proximal end. Make sure the A-390 is fully inserted.
- A-390 will automatically turn on and start in Live Video mode.
- When using a paediatric Airtraq model press 🔲 .A message will appear on the screen "Paediatrics Mode On".
- Depending on intubation position, one may want to rotate the image 180 degrees to correct the glottis orientation, press the rotate icon 🔲 to do it.

To remove A-390 from the Airtraq once intubation is finished pull A-390 away from Airtraq.

6. TURN ON/OFF

A-390 can be started in two different ways, in both methods it will start in "Live Video" mode:

- Automatically by sliding A-390 onto an Airtraq.
- Pressing the automatic power button located on the base of the A-390.

Turning on will take approximately 3 seconds.

To turn off the A-390 press the "Power off" icon on the main menu. The unit will show a message to the user and a "cancel" icon and it will automatically shut down in 5 seconds unless the user cancels the action.

When A-390 is assembled onto the Airtraq, and there is no action from the user for 30 minutes, A-390 will shut down automatically. Before turning off the screen will show a

message to the user and show an icon to cancel the shutdown process. If so, a new period of 30 minutes will start.
When A-390 is not assembled onto the Airtraq, and there is no action from the user for 5 minutes, A-390 will shut down automatically. Before turning off the screen will show a message to the user and show an icon to cancel the shutdown process. If so, a new period of 5 minutes will start.

7. TOUCH PANEL & MENUS
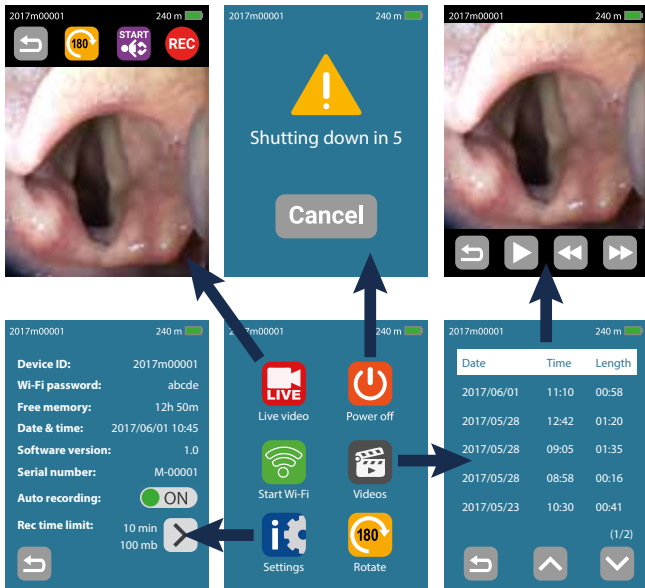
Press the action icons on the screen to select an action (touch panel also works when icons are pressed using gloves).
When in Live Video, pressing the Back Icon will make A-390 to return to the main menu.
Navigation is shown below:

8. INITIAL SET UP. CAMERA SETTINGS

Initial set up must be performed connecting the A-390 to a PC (Windows or Mac) through the USB cable provided and using the "Airtraq Cam" App. When the App is launched a screen will show up with the A-390 connected to the PC. Only one A-390 at a time can be connected to the PC.

Launch the App and select "Cam Settings". Camera settings can be changed by entering the desired values and pressing "Save Changes" Icon.

- **Set Date and Time:** Date and time is used to name video files recorded. Introduce current date and time.
- **Set Cam ID:** Cam ID is used to name the Wi-Fi Network generated by the A-390. Any combination of a maximum of 10 letters/numbers.
- **Set optional Wi-Fi Password:** Optionally, to better protect patient's information activate Wi-Fi password. Wi-Fi password is used to block non-authorized devices from connecting to A-390. User can set it to any combination of a maximum of five letters/numbers.

Auto-recording options can be set in the A-390 camera. Press "Settings" icon.

- **Set Auto Recording Mode:** The auto-recording function will automatically start a new video recording every time the A-390 goes into Live Video. Set it on or off as desired.
- **Set Auto-recorded video maximum size:** select the maximum video file size: (5 min [18 mb], 7 min [21 mb], 10 min [30 mb], 15 min [45 mb], 20 min [60 mb], 30 min [90 mb]). When the maximum size is reached, video recording is automatically stopped. Videos should be downloaded using "Airtraq Cam". It compresses videos, reducing its size but without losing resolution.

9. PAEDIATRIC MODE

Press when using a paediatric Airtraq model. A message indicating "Paediatric mode" will appear in the lower area of the screen.

10. RECORD & AUTO-RECORDING

RECORDING IS DEACTIVATED WHEN A-390 CAMERA IS NOT INSERTED ONTO AN AIRTRAQ.

To start recording when in Live Video press icon . While recording, the icon will change to and a timer will appear on the header of the screen.

To stop recording press the "Stop Recording" icon . The screen will show a message informing that recording will stop in 5 seconds unless user presses "Cancel".

When Auto-Recording function is activated, it will automatically start a new video recording every time the A-390 enters into Live Video.

Video files are recorded in avi format and stored in A-390's internal memory. A-390 is able to store 200 videos (more than 10 hours of video.

WHEN WI-FI IS ACTIVATED, THE A-390 CANNOT RECORD TO ITS INTERNAL MEMORY. The user has the option to record in the mobile device or PC that is Wi-Fi connected to the A-390 through the corresponding recording button of the "Airtraq Cam" App.

When memory is full, the A-390 cannot record to its internal memory. The user has to save the videos to a PC and/or delete them.

11. PLAY RECORDED VIDEOS ON A-390

Select "Videos" 🎬 from Main Menu.
- • The screen will display a list of the recorded videos showing starting date/time and duration. Last recorded video will be first on the list.
- • Navigate through different pages using Up and Down navigation icons and select the desired video.
- • Action icons provide the following functions: play/pause and fast forward/rewind.

12. DOWNLOAD VIDEOS TO A PC

Videos are recorded into the A-390 in avi format and named automatically with the device ID and date and time at which they were recorded "deviceid_yy_mm_dd_xxh_xxm_xxs.avi". Videos are downloaded connecting the A-390 to a PC (Windows or Mac) through the USB cable provided and using the "Airtraq Cam" App for Windows or Mac. When videos are downloaded they are also converted and its file size is significantly reduced without losing resolution.
When the App is launched, a screen will show up with the A-390 connected to the PC. Only one A-390 at a time can be connected to the PC.
Click on "Manage Videos on Cam" icon and the App will display the list of videos stored into the A-390. Select the video to be downloaded and press the download icon.

13. DELETE VIDEOS FROM INTERNAL MEMORY

To delete videos, connect the A-390 to a PC (Windows or Mac) through the USB cable provided and use the "Airtraq Cam" App for Windows or Mac. When the App is launched a screen will show up with the A-390 connected to the PC. Only one A-390 at a time can be connected to the PC.
Click on "Manage Videos on Cam" icon and the App will display the list of videos stored into the A-390. Select the video to be deleted and press the delete icon.
Alternatively, the user can delete by one click all videos stored on A-390. A warning message asking for confirmation will be shown.

14. CONNECTING WI-FI LIVE VIDEO & RECORDING ON TABLET / PHONE

A-390 can connect via Wi-Fi to tablets and smartphones on iOS. When Wi-Fi is enabled the A-390 cannot record on it is internal memory. If the user needs to record, it can be done on the connected device.

Each A-390 creates an ad-hoc Wi-Fi network named AIQ+DeviceID+5 numbers automatically generated.

Before starting to use a tablet/smartphone/PC with A-390, download from App Store SM the "Airtraq Cam" application and install it. Make sure that you have the latest available version installed in your device.

A-390 will always start with Wi-Fi disabled. To enable Wi-Fi go to Main Menu and press Wi-Fi icon 📶. Wi-Fi icon will turn to 📶 and an icon 📶 will appear on the header of the screen.

If tablet/smartphone has iOS, go to Settings and select the Wi-Fi network created by the A-390 (Name = AIQ + Device ID+ 4 numbers automatically generated).

If tablet/smartphone has Android, open "Airtraq Cam" and select the Wi-Fi network created by the A-390 (Name = AIQ + Device ID).

For the best image, increase screen brightness in your tablet/smartphone.

To avoid incoming calls while using the smartphone, turn it on airplane mode and then turn Wi-Fi on.

Launch Airtraq-Cam App on tablet/smartphone, it will connect to A-390 after approximately 10 seconds.

Tap twice on the iPad®/iPhone® to get full screen image.

"Airtraq Cam" App for mobile devices allows the user to record videos directly on the mobile device.

15. CONNECTING WI-FI LIVE VIDEO TO A PC

Download to PC "Airtraq Cam" App (Windows or Mac) from downloads section in Airtraq website (www.airtraq.com) and install it.

A-390 will always start with Wi-Fi disabled. To enable Wi-Fi go to Main Menu and press Wi-Fi icon 📶, Wi-Fi icon will turn to 📶 and an icon 📶 will appear on the header of the

screen.

Launch "Airtraq Cam" application in PC.

If the last camera connected to "Airtraq Cam" application is emitting Wi-Fi signal the application will automatically connect to it and show the Live Video screen. If it is a different A-390 then a screen will show up with all Cameras that are emitting Wi-Fi signal near the PC. Select the camera that you want to connect. Type its Wi-Fi password if it has been set. Click on Live Video and the PC will display real time video captured by A-390. The application will allow to record Video on the PC.

16. VIEW SYSTEM INFORMATION

Select "Settings" in main menu to see system information on the A-390 Screen.

17. TROUBLESHOOTING

Make sure that A-390 battery is properly charged.

Make sure that the last internal software version is installed.

18. UPDATING A-390 INTERNAL SOFTWARE

A-390 internal software can be upgraded using the "Airtraq Cam" App.

The PC should have Internet connection in order to get the latest version of A-390 internal software.

Launch "Airtraq Cam" App on PC or Mac. When the App is launched connect A-390 to the PC through the USB cable provided. A screen will show up with the A-390 connected to the PC. Only one A-390 at a time can be connected to the PC.

Select "Cam Settings". In "Cam Settings" screen select "Software Upgrade". Once the software has been successfully upgraded a message will be shown on the PC.

Disconnect the cable between PC and A-390. Turn on A-390 and check "About" on camera to confirm the new software version is installed.

19. CLEANING INSTRUCTIONS

The A-390 is a non-critical device. Recommended cleaning is

low-level disinfection between each patient use. Be sure to follow your institution's specific cleaning procedures in consultation with this manual.

1. Remove A-390 from the Airtraq and turn it off.
2. Cleaning: Use clean cotton gauze pads that are saturated with the cleaning solution to wipe down the exterior surfaces of the A-390. 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 %).
3. 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®).
4. Blot dry the A-390 using an individual sterile surgical towel.
5. Silicone case can be cleaned using the following disinfection agents:
    a. Isopropyl Alcohol (70%).
    b. Solution containing 70% Isopropyl Alcohol and 2% chlorhexidine (e.g. Clinell Wipe).

Isopropyl alcohol can cause slight temporary swelling of the silicone, but as long as it is allowed to evaporate completely it will not deteriorate silicone case.

Caution:
• Do not autoclave.
• Do not rinse under running water.
• Do not soak in liquids.
• Avoid liquid or moisture from going into the A-390.
• Avoid touching the lens of the A-390.
• Be careful with A-390 touch screen.

20. OPERATING, STORAGE AND TRANSPORT

The A-390 should not be used, 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. Use the storage case provided to protect the device between each use.

21. TECHNICAL DATA

21.1. A-390 Camera
Electrical supply input ratings: 5 V DC, 1.5 A
Supply Voltage: Rechargeable Li-Po 3.7 V, 1400mAh.
Baseband Modulation – Wi-Fi - 802.11b: DSSS
Output RF Power: + 17.5 dBm Typ.
Transmission range: 5 m (approx.).
Screen: 2.8" TFT-LCD, 240 x 320 RGB.
Touch Panel: OGS type 2.8" Projected Capacitive Touch Panel.
Video Sensor: Digital CMOS video sensor, VGA 640 x 480.
Video resolution: 240x240.
Dimensions: 61 mm x 91 mm x 64 mm.
Weight: 110 grams.

21.2. Stand-alone Battery Charger
Electrical supply input ratings: 100-240 V ~, 50-60 Hz, 0.1-0.2 A
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.

22. REGULATORY C E

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 wireless emitter is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
This device complies with the Harmonized European Standard EN 301 489-17.

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 Internally Powered equipment, accessory, type BF Applied Part, IPXO, 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 A-390 together with Airtraq Laryngoscope comprise a Medical Electrical System. It complies with requirements regarding Electromagnetic Compatibility. Detailed results of Emissions and Immunity Tests are available from the manufacturer.

A-390 is a portable RF communications equipment and can affect Medical Electrical Equipment.

This equipment is intended for use by healthcare professionals only. 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 A-390.

This device shall only be used with cables and accessories provided by the manufacturer. Using other cables or accessories may result in increased emissions or decreased immunity of the ME System.

This device is classified as Internally Powered equipment powered by 3.7 V rechargeable battery for protection against electric shock.

The A-390 is classified as BF Applied Part.

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 device has non-ionizing radiation.

FCC AND INDUSTRY CANADA NOTICES AND WARNINGS

FCC COMPLIANCE:

Statement according to FCC part 15.19.

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.

Statement according to FCC part 15.21.

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

Statement for Class B digital device according to FCC part 15.105.

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.

INDUSTRY CANADA COMPLIANCE

Statement according to RSS Gen Issue 3, Sect.7.1.3.

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 interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Cet appareil est conforme aux normes CNR exemptes de

licence d'Industrie Canada. Le fonctionnement est soumis aux deus conditions suivantes: (1) cet appareil ne doit pas provoquer d'interférences et (2) cet appareil doit accepter toute interférence, y compris celles susceptibles de provoquer un fonctionnement non souhaite de l'appareil.

Statement according to ICES.

This ISM device complies with Canadian ICES-001. Cet appareil ISM est conforme à la norme NMB-001 du Canada.

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

Avertissement: Tout changement ou toute modification non expressément approuvée par la partie responsable de la conformité pourrait annuler l'autorité de l'utilisateur pour faire fonctionner l'équipement.

23. DISPOSAL INSTRUCTIONS

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

24. MANUFACTURER'S WARRANTY

Warranty & Service

The manufacturer warrants this device against faulty materials or manufacturing defects for a period of one (1) year 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 serial number ready. The serial number

of the A-390 is located on a sticker near the lens of the camera 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 20 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 (charger, cables, connectors, 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 serial number of the A-390, 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 serial 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.

25. IMPORTANT SAFETY INSTRUCTIONS

1. Keep, read and follow all of these instructions.
2. Heed all warnings in these instructions.
3. The A-390 does not work when it is being charged. It should be charged at least 1.8 m away from the patient.
4. Use only the A-390´s battery charger supplied by the manufacturer.
5. A-390 is portable RF communications equipment. It 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 A-390.
6. To reduce the risk of fire or shock hazard, do not expose this equipment to rain or moisture.
7. Do not charge near any heat source such as radiators, heat registers, stoves or other apparatus that produces heat.
8. Protect the charging cord from being damaged.
9. Do not use this equipment in presence of flammable anaesthetics.
10. ESD (Electrostatic discharge) may cause malfunction of these devices.
11. Unplug this apparatus during lightning storms or when unused for long periods of time.
12. Do not place vessels containing liquids on top of the apparatus. Do not splash liquids on top of the device.
13. Do not attempt to service these devices yourself as opening or removing covers may expose you to 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

EU Representative:
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3º 48930 Las Arenas
(Vizcaya).
SPAIN

USA & Canada Representative:
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2414 Lawton Ln.
Rowlet, TX 75089, USA

For further advice on using the A-390 visit www.airtraq.com
or contact:
USA & Canada: +1877-624-7929
info.usa@airtraq.com
EU & Other: +34944804690
info@airtraq.com

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Wi-Fi Alliance.
All other trademarks and copyrights are the property of their
respective owners.

Temperature limitation	Humidity limitation	Atmospheric pressure limitation	Non-ionizing radiation
55° C/131°F / -5 °C/23°F	95% / 10 %	1060 hPa / 500 hPa	

Type BF applied part	Keep dry	Fragile, handle with care	This side up

Wi-Fi	General symbol fo recovery/ reciclable	Attention, See Instructions For Use	Complies with MDD 93/42/EEC	Charger: UL recognized component mark