

Manual

Schwalbe Airmax Smart Bike Sensor

1. Features

Tire pressure

- Max. pressure: 10 bar / 145 psi
- Sensor-weight per pcs.: 12 g
- Dust - and waterproof according to IP67
- Battery: CR1632
- Battery lifetime: about 400h (riding time)
- Easy installation
- Easy and precise pumping due to pressure display with no delay
- Instant low- / high- pressure notification
- Two colour LED- pressure Indication on the Airmax

Speed

- Precise speed sensor. No GPS signal needed.

Thermometer

- For ambient temperature

2. Included parts

- 2x Airmax
- 2x Battery CR1632
- 2x Valve adapter
- 2x Star- rimnut
- 2x O-ring
- 2x valve tool

3. Safety instructions

- The Airmax housing must not touch bicycle frame, fork or other bicycle parts during riding.
- Do not use pressure washer or aggressive cleaners for cleaning
- Do not use sharp and/ or metallic tools for exchanging the battery
- Before installing make sure that all parts are clean and free from dust and mud. Take special care of all rubber gaskets and parts getting in contact with those gaskets
- Always chose an appropriate tire pressure for your ride

4. Requirements

- Applicable to French-/ Schwalbe- valve with external thread and exchangeable valve core
- Suitable for tires with inner tube and tubeless tires
- Valve length above rim: 9-26mm

5. Preparation for installation

1. Remove the valve adaptor from the Airmax housing
2. Open the battery cap by turning it anti- clockwise
3. Insert battery (CR1632) into the battery cap. Positive pole towards battery cap
Caution: Do not use sharp and/ or metallic tools for exchanging the battery
4. Close the battery cap by pushing and turning it clockwise

6. Installation

1. Remove the whole pressure from the tire
2. Remove the valve core from the valve stem
3. Remove the rim nut (if existent)
4. Screw on the star- rimnut tightly by hand (do not use tools!)
5. **Install the o-ring right on top of the star- rimnut**
6. Fill in tire sealant in case of a tubeless application which requires sealant
7. Install the Airmax housing on top of the star- rimnut. Please mind the rotation direction
8. Screw on the valve adapter tightly. Use the delivered valve tool and hold up the Airmax housing
9. Inflate the tire up to the desired pressure. Readjust the pressure once the tire pressure is displayed

7. Disassembly

1. Clean the Airmax if dirty/ dusty (do not use pressure washer or aggressive cleaners)
2. Remove the whole pressure from the tire
3. Screw off the valve adapter with the valve tool. Meanwhile hold up the Airmax housing
4. Remove the Airmax housing.
Caution: Please make sure that the o-ring does not get lost!

8. Trouble shooting

The Airmax does not go on (LED's do not work)

- Turn wheel for some seconds or shake the entire bike
- Remove and reinstall the battery cap. Check battery position (positive pole must be positioned towards battery cap)
- Try an other battery

Leaking

- Check position and condition of the o-ring which must be fitted on top of the star- rimnut!
- Inspect the inner tube for leaks
- Tubeless Set-up:
 - a) Check whether the star- rimnut is tightened properly
 - b) Is there any visible leaking on tire- or rim- surface?

A gap developed in between Airmax and rim

- Loosen the valve adapter by about one revolution anti- clockwise with the valve tool
- Turn the Airmax housing clockwise until it seats solidly on the rim. Please mind the rotation direction
- Tighten the valve adapter firmly. Use the delivered valve tool and hold up the Airmax housing
- Readjust tire pressure if needed

9) FCC STATEMENT

Model: AIRMAX

FCC ID: O4GTPMS

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.

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

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.

This equipment can be installed and operated with a minimum distance 5millimeters between the radiator and user's body. And this equipment has been evaluated to meet general RF exposure requirement at 5millimeters distance.

10) ISED Statement

Model: AIRMAX

IC: 7666A-TPMS

CAN ICES-003(B) / NMB-003(B)

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

CAN ICES-003(B) / NMB-003(B)

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) L'appareil ne doit pas produire de brouillage;
- 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 5 millimeters between the radiator and your body.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 5 millimètres entre le radiateur et votre c