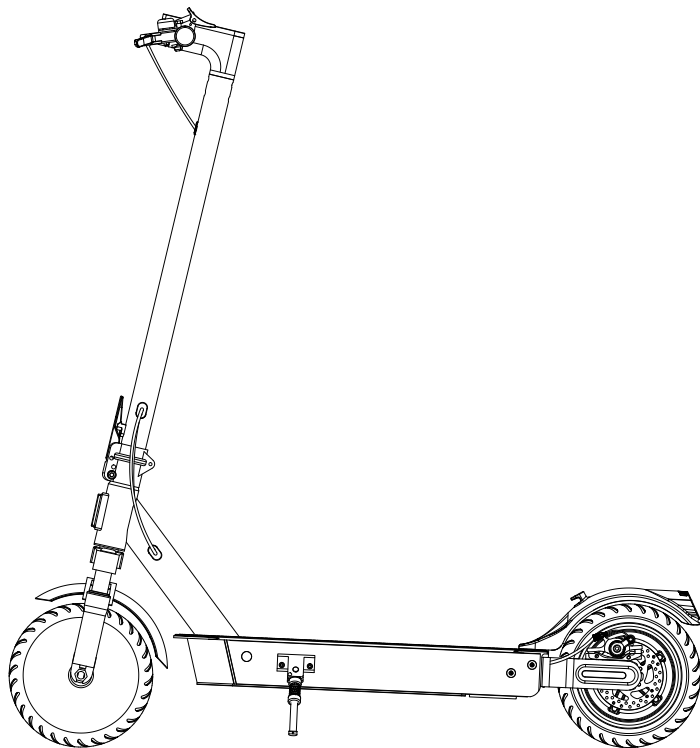


# SENCOR®



Electric scooter  
**SCOOTER S70**

**USER'S MANUAL**  
**EN**



## Table of Contents

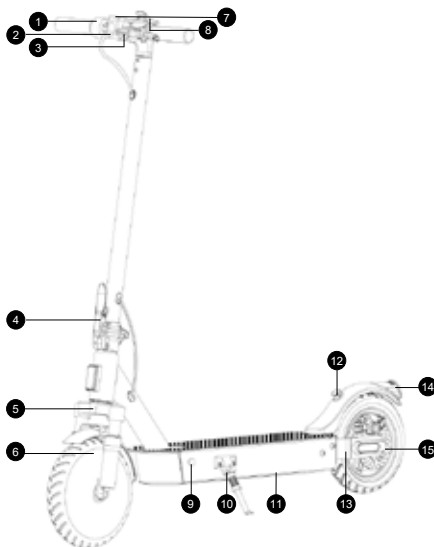
1.	Contents of the Package and Scooter Description .....	4
1.1.	Supply Content .....	4
1.2.	SCOOTER S70 Description .....	4
2.	Controls .....	5
2.1.	Control Panel and Application .....	5
2.2.	Multifunction Button.....	5
2.3.	Riding Modes .....	6
2.4.	Starting the Operating Mode .....	6
3.	SCOOTER S70 Assembly .....	7
4.	Charging .....	8
5.	Protecting the Battery Against Excessive Discharging .....	10
6.	Folding and Transport .....	10
7.	SCOOTER S70 Driving.....	12
8.	Safety Instructions .....	13
9.	Maintenance and Adjustment .....	14
10.	Technical Specifications .....	16

# 1. Contents of the Package and Scooter Description

## 1.1. Supply Content

1x Electric scooter SCOOTER S70  
 1x Charging adapter  
 1x Allen key  
 4x Handlebar fastening bolt  
 1x User's manual

## 1.2. SCOOTER S70 Description

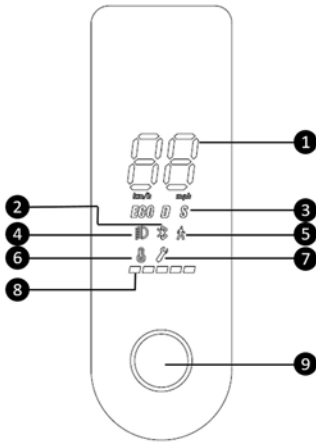


Speed control  
 LED light  
 Mechanical brake and bell  
 Folding mechanism release lever  
 Front suspension fork  
 Electric motor / front electric brake  
 Power on/off/control panel  
 Transport mode lock hook  
 Charging connector  
 Stand

11 Battery compartment  
 12 Notch to retain the handlebar  
 in folded mode  
 13 Rear swing arm  
 14 Rear LED light/brake light  
 15 Mechanical disc brake

## 2. Controls

## 2.1. Control Panel and Application



- 1 Current speed
- 2 Bluetooth connected device indicator
- 3 Riding modes ( ECO – economy; D – drive; S – sport)
- 4 Flashlight on
- 5 Walk mode (speed reduction)
- 6 Scooter overheat indicator – when the temperature exceeds 90°C
- 7 Device fault indicator – contact service centre
- 8 Battery level indicator
- 9 Multifunction button

While using your SCOOTER S70, you can also use “**SENCOR SCOOTER**” mobile app available for download at Google Play a and Apple APP Store. This app offers users for example number of kilometres ridden, cruise control setting function and many others. For more information about the app / user’s manual, please refer to [www.sencor.cz](http://www.sencor.cz) website.

## 2.2. Multifunction Button



### CAUTION:

**The adjustment of riding properties should always be performed before starting the ride.**

- 1) Short press the multifunction button while the power is off to turn the SCOOTER S70 on.
- 2) Hold down the multifunction button for 2 seconds while the power is on to turn the SCOOTER S70 off.
- 3) Short press the multifunction button while the power is on to turn on the LED flashlight.
- 4) Double tap the multifunction button while the power is on to switch the mode between riding modes.

## 2.3. Riding Modes

Switching between riding modes is done by double-clicking the multi-function button.

<b>Walk</b>	up to 6 km/h
<b>Eco</b>	up to 10 km/h
<b>Drive</b>	up to 20 km/h
<b>Sport</b>	up to 25 km/h

## 2.4. Starting the Operating Mode

- 1) Turn on the scooter.
- 2) Fully press and hold down the speed control until the display shows a value of 16.
- 3) Keep holding down the speed control and press the brake lever simultaneously.
- 4) Release the brake lever.
- 5) This will switch into the last set riding mode.



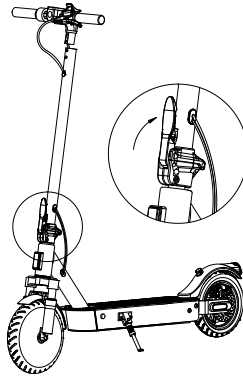
**CAUTION:**

**Always start the operating mode when the SCOOTER S70 is not in motion. Start up to the operating mode gradually and slowly according to the instructions.**

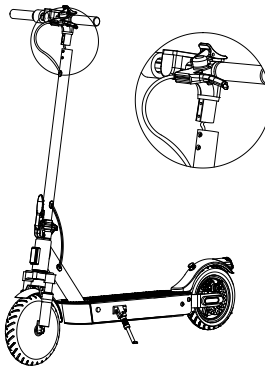
## 3. SCOOTER S70

### Assembly

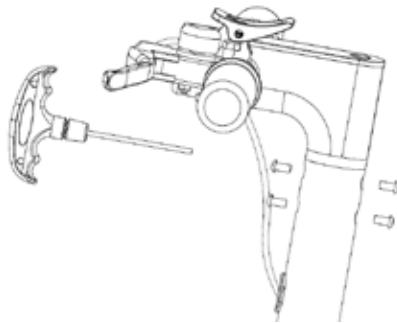
1. Unfold the handlebar rod and secure it firmly with the lock lever.



2. Make sure that the control unit connectors are connected to the control panel. The connector with the cords must be connected properly to avoid losing later on.



3. Carefully connect the handlebar with the handlebar tube. Take care to avoid damage to the connecting wire while it's being inserted into the steering tube. The LED flashlight must point in the ride direction.
4. Screw the handlebar and the handlebar tube together. Insert two Allen bolts from the front and two Allen bolts from the opposite side as shown. Tighten the bolts firmly. Regularly check if the bolts don't get loose while using the product.



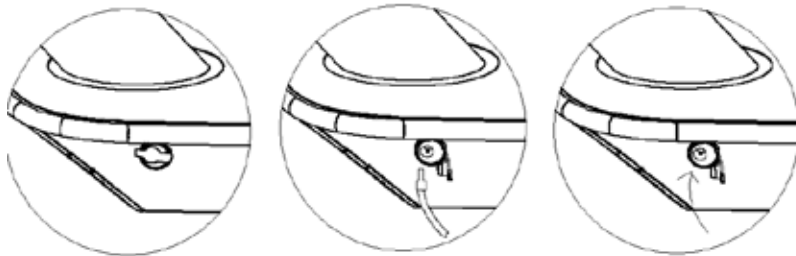
5. Turn on the SCOOTER S70

## 4. Charging

Check if the battery is fully charged before starting your ride. Switch on the Control Panel

and check the battery level.

The charging is performed with the supplied charging adapter. First remove the rubber cap of the charging connector in the SCOOTER S70 and connect the charging adapter. Then connect the adapter to your power outlet. When the charging process is finished and the charging adapter is disconnected, cover the charging connector opening again with the rubber cap. Regularly check if the protective cap covers the charging connector when charging is not in progress.



The charging indicator is located on the charging adapter and shows 2 statuses as follows:

1. **Red LED:** Indicates the battery charging process
2. **Green LED:** Indicates the battery is fully charged



**CAUTION:**

**For charging, use only the original accessories supplied with the appliance. When the battery operating time becomes very short, the battery lifetime has been used up; we recommend that you have the battery replaced at your authorised centre.**

**Recommendation:**

If the unit is not to be used for an extended period of time, we recommend to fully charge the battery once every two to three months. We do not recommend storing the unit with a flat battery to prevent irreparable damage to the battery (loss of capacity).

## 5. Protecting the Battery Against Excessive Discharging

The electric scooter is equipped with the protection of each component against damage due to operational overload and lower battery charging level.

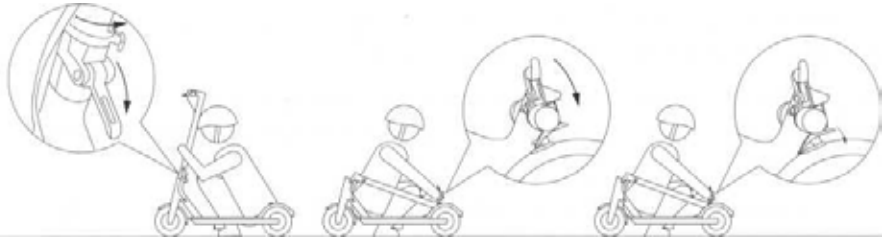
1. If the scooter is subject to a higher load for example due to frequent riding uphill or riding up a steep hill, the control unit/battery overheating protection will be enabled, limiting the power for a necessary period of time. The speed will be reduced to a maximum of 15 km/h.
2. If the battery level drops below 30%, the maximum scooter speed will be limited to 15 km/h. If the battery level drops below 25%, the maximum speed will be limited to 10 km/h.

**CAUTION:**

**Do not repair and/or tamper with the electric scooter (SCOOTER S70) protection mechanisms. This will prevent the damage to the individual components of the electric scooter (SCOOTER S70).**

## 6. Folding and Transport

1. The scooter must be turned off. Hold the scooter, unlock the folding mechanism release lever at the bottom of the handlebar tube and push the released level in the ride direction.



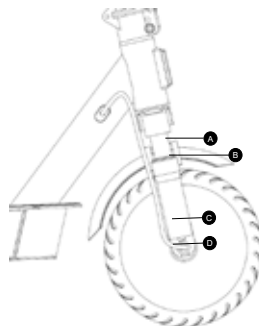
2. Fold the released handlebar tube towards the rear mudguard and lock it using the hook on the handlebar and notch on the rear mudguard. Correct transport mode folding
3. To carry, grasp the SCOOTER S70 by the handlebar tube. For more convenient transport, we recommend to hold the handlebar tube in one third of its length on the side near front wheel.



## Suspension

The scooter is equipped with front and rear suspension that is optimally preset from the factory and cannot be changed.

Front suspension fork:



A – glider
B – scraper shaft seal
C – lower part of the suspension fork
D – motor supply lead

Keep the sliders and scraper shaft seals of the front suspension fork clean and dry. Take care to avoid excessive wear and damage to the glider surface. Use a dampened cloth for cleaning. After wiping off the dirt, use preservative oil to wipe the gliders. For long life we recommend cleaning and preserving the front gliders after every ride.

In the lower right part of the suspension fork there are the motor supply wires. Take extra care when riding and transporting your electric scooter to avoid mechanical damage to the supply wires.

Rear suspension fork:

Before riding, check that all bolts and nuts are tightened. Clean the suspension mechanism regularly with a damp cloth and then treat with preservative oil. Taking proper care of the rear suspension will avoid premature wear.

## 7. SCOOTER S70 Driving



**CAUTION:**

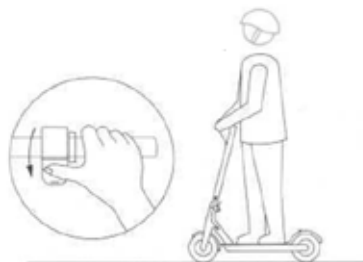
- **Before each ride, use helmet and protectors to prevent injury in case of falling.**
- **Before each ride, please check if the mechanical brake is fully functional.**

1. Place one foot on the scooter tread and gently bounce off the ground with the other foot.



**CAUTION:**

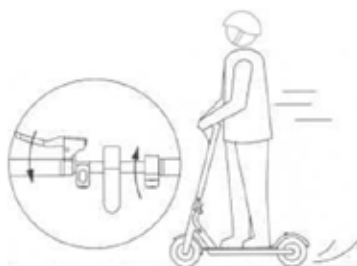
**Always push off on the side where the scooter stand is not located.**



2. Once the scooter is in motion, press the speed control lever to start the motor. As soon as the scooter starts on its own, place the other foot on the scooter surface.

**Remark:**

Motor starting and speed control of your electric scooter can be performed when 5 km/h speed is reached.



3. Stopping is essential for safe driving. First release the speed control and then push the mechanical hand brake on the left side of the handlebar.
4. Try the first turns on a flat surface and at slow speed. To turn, shift your centre of gravity slightly. By gently leaning into the desired direction of travel and slowly turning the handlebars.

## 8. Safety Instructions

This electric SCOOTER S70 is designed for entertainment and recreational use. This is not a means of transport. Observe the safety of everyone in both private and public areas, follow the instructions below as well as local traffic regulations.

When meeting pedestrians, pay close attention to your ride and make sure pedestrians are aware of your presence. If you are outside their angle of view, ring the bell, slow down and overtake (overtake from the left in case of right-hand traffic).

Higher driving speed means automatically a longer braking path. Keep safe speed in case of unexpected need to stop and keep a safe distance from others. Even on a flat surface,

you may encounter situations or terrain that cause you to lose balance, skid or other unexpected situations that can cause you to fall. Always pay close attention to driving.

Check the mechanical brake, battery charge status, wear of components and wheels before each ride. In case of loose parts or unusual noises, carry out a thorough check and contact an authorised service centre if necessary.

**Neither the manufacturer nor the distributor are liable for any financial damages, injuries, accidents, legal disputes or conflicts resulting from non-observance of the safety instructions.**

- Do not drive in the rain and avoid slippery surfaces.
- If you encounter an obstacle on your way, stop and carry the scooter over the obstacle.
- Exercise caution when passing through low ceilinged areas.
- Do not accelerate downhill and always brake well in advance. If you encounter a steep descent (e.g. a steep hill), stop and guide your scooter.
- Do not add speed while pushing the scooter.
- Always avoid obstacles.
- Avoid carrying heavy luggage on the handlebar.
- Always keep both feet on the scooter tread while riding.
- Operate SCOOTER S70 in designated driving areas. Observe the local regulations of the regions, parks, cities and states where you want to operate the scooter.
- Do not turn sharply at high speeds.
- Do not ride through puddles, water or in rain.
- Do not ride with other person even in case of children.
- Do not step on the mudguards.
- Do not touch the brake components.
- Always hold on the handlebar.
- Do not try to ride up the stairs, down the stairs or jump with your scooter.

## 9. Maintenance and Adjustment

Regular maintenance and correct adjustment of all parts of the electric scooter prolongs its life. Clean the individual parts of the scooter with a damp cloth and then use preservative oil (except for the brake disc and brake pads).

Before each ride, check the tightening and fixing of all detachable parts. If any of the bolts, Allen bolts or nuts are loose, tighten them with the appropriate tool.

The brake mechanism must be adjusted before the first ride. Contact a specialised provider (e.g. a bike service) for proper adjustment. Adjustments cannot be made under warranty or post-warranty service at the manufacturer or distributor.



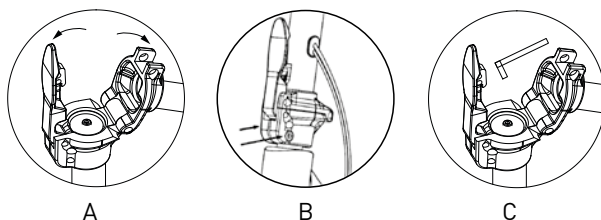
**WARNING:**

**Never use a high-pressure water wash to clean the electric scooter.**

**Brake adjustment** – if the brakes are too tight or too loose, use a 4mm Allen key and loosen the brake bolt anticlockwise to adjust the brake cable length. Then tighten the bolt firmly. To fine tune, adjust the brake cable tension by turning the nut on the mechanical brake attached to the handlebar. Brake pads should be checked continuously and replaced according to the level of wear. This is a consumable spare part that diminishes with braking. Keep the entire brake system clean and avoid greasy deposits on the brake disc and brake pads.



**Adjusting the handlebar joint** – In the transport mode, there is a bolt “C” (4mm Allen) accessible in the handlebar tube joint to tighten its fastening. Before tightening the Allen bolt in the handlebar tube joint, the Allen bolts in the joint socket must be loosened first as shown by the arrows on the figure “B”. Tighten the joint fitting gently to ensure that the steering rotation is not rigid and that the slack in the joint fitting is as small as possible. After adjusting the joint fitting, align the handlebars and tighten the bolts “B” firmly. Whenever the steering slack increases while riding the electric scooter, tighten as follows.



**Adjusting the lever of the folding mechanism** – if the folding mechanism shows slack, an adjustment is required. The adjustment bolt fits into the lever of the folding mechanism and is located at the lower part of the handlebar tube. Tilt the handlebar to the transport position and define the slack by loosening the Allen bolt (turning counter-clockwise). Loosen the bolt gradually and continuously try to fold the electric scooter into operating mode until the lever lock shows noticeable stiffness. Never loosen the bolt so that the folding mechanism lever can only be clicked in with great force.

**Wheel and tyre check** – The wheels are fitted with tubeless tyres, which are prone to wear. Never turn the front wheel with the motor unless the scooter is fully loaded with the rider and the wheel is in full contact with the riding surface. When braking, foresee problems well in advance and do not skid. Always clean the tyres with a damp cloth after riding and check for damage and grease. The wheels must be dry before riding.

## 10. Technical Specifications

<b>SCOOTER S70</b>	
<b>Key Features</b>	
Maximum speed up to 25km/h	
Travel range up to 45km	
Front and rear wheel suspension	
Aluminium framework	
SENCOR SCOOTER app available at Google Play and APP Store	
LED lighting	
LED display (mode, speed, battery, lighting, Bluetooth)	
<b>Drive</b>	
Engine power	400 W
Speed	SPORT mode up to 25km/h
	DRIVE mode up to 20km/h
	ECO mode up to 10km/h
	WALK mode up to 6km/h
Range	up to 50 km @ 55 kg weight
	up to 45 km @ 90 kg weight
Cruise control	Yes
Maximum climb angle	up to 15°
<b>Wheels</b>	
10-inch front and rear perforated tires	
Dual braking system – electrical and mechanical	
Disc brake	
Rear wheel suspension	
<b>SENCOR SCOOTER app</b>	
Available at Apple App Store and Google Play	
Lock the scooter with the app	
Range, distance ridden, running time, speed, battery level, etc.	
Bluetooth 4.1	
<b>Technical Specifications</b>	
Maximum load	120kg
Dimensions	112 x 44 x 118cm (unfolded)
	112 x 44 x 51cm (folded)
Weight:	16kg
Working temperature	-10 to 40°C
Storage temperature	-20 to 45°C
Noise level	<70 dB(A)
<b>Adapter</b>	
Input voltage	100–240V AC 50/60 Hz
Input current	2A
Output voltage	42V
Connector	Φ 5.5 x 10mm

<b>Battery</b>	
Capacity	15Ah Li-ion
Charging time	max. 9 hours
Number of cells	50
Protection against	short-circuit, overvoltage, overcharging, overheating
Battery protection against	excessive discharge
Rated voltage	37V

<b>Charging Adapter</b>	<b>Value and Accuracy</b>	<b>Unit</b>
Manufacturer's name or trademark, company ID and address	JIN XIN YU POWER (SHENZHEN) SUPPLY CO., LTD XVE No.38, yuanxin roadm, tongle longgang area, shezhen, guandong 914403003601080704W	-
Model identification code	XVE083-4200200	-
Input voltage	AC 110-240	V
Input frequency	50/60~	Hz
Output voltage	DC 42.0	V
Output current	2.0	A
Output power	84.0	W
Average efficiency in active mode	86	%
Efficiency at low load (10%)	85.7	%
No load power consumption	0.18	W

<b>Bluetooth</b>	
Version	4.0
Maximum Transmitter Power	100mW @ 2.4GHz-2.4835GHz

<b>Noise Emissions</b>
The weighted sound pressure level of a moving vehicle is less than 70dB (A).



## INSTRUCTIONS AND INFORMATION ON DISPOSING OF USED PACKAGING MATERIALS

Take the packaging material to a designated municipal waste facility.



### DISPOSING OF USED ELECTRICAL AND ELECTRONIC EQUIPMENT

This symbol on products or original documents means that used electric or electronic products must not be added to standard municipal waste. For proper disposal and recycling, take these products to designated collection points. Or in some European Union states or other European countries the products can be returned to the local retailer when buying an equivalent new product. Correct disposal of this product helps save valuable natural resources and prevents damage to the environment caused by improper waste disposal. Ask your local authorities or collection facility for more details. In accordance with national regulations penalties may be imposed for the incorrect disposal of this type of waste.

#### For business entities in European Union states

If you want to dispose of electric or electronic devices, ask your retailer or supplier for the necessary information.

#### Disposal in other countries outside the European Union

This symbol is valid in the European Union. If you wish to dispose of this product, request the necessary information about the correct disposal method from the local council or from your retailer.



FAST CR, a.s. hereby declares that the radio device type SCOOTER S70 conforms to the 2014/53/EU directive.

Changes in the text, design and technical specifications may be made without prior notice and we reserve the right to make such changes.

# FAST®

**FAST ČR, a.s.**

U Sanitáru 1621, 251 01 Říčany, Czech Republic  
tel.: +420 323 204 111, fax: +420 323 204 110

## EU DECLARATION OF CONFORMITY

**Product / brand:** ELECTRIC SCOOTER / SENCOR

**Type / model:** SCOOTER S70 as factory model E9 MAX  
DC 37,0V (Li-ion battery 15Ah), IPX4, Class III  
Adapter Input AC 100-240; 50/60 Hz; 2,0A; Class II; IP20  
Output DC 42,0V; 2,0A; 84,0W

**Manufacturer:** FAST ČR, a.s.  
U Sanitáru 1621, 251 01 Říčany, Czech Republic  
VAT no: CZ2477749

**Person in charge of completing the technical documentation:** FAST ČR, a.s.  
**This declaration of conformity is issued under the sole responsibility of the manufacturer.**

**The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:**

Directive MD 2006/42/EC	Directive LVD 2014/35/EU
Directive RED 2014/53/EU	Directive EMC 2014/30/EU
Directive Noise 2000/14/EC	Directive RoHS 2011/65/EU

**The relevant harmonised standards and the other technical specifications:**

EN 60335-1:2012+AC+A11+A13+A14+A2	EN 60335-2-29:2004+A2+A11	
EN 62233:2008	EN IEC 61000-6-1:2019	EN 55014-1:2017+A11
EN 61000-6-3:2007+A1+AC	EN 55014-2:2015	EN 14619:2015
EN IEC 61000-3-2:2019	EN ISO 12100:2010	EN 61000-3-3:2013+A1
EN 60204-1:2006+A1+AC	EN 62479:2010	EN 300 328 V2.1.1
EN 301 489-1 V2.2.0	EN 301 489-17 V3.2.0	EN 17128:2020



**Place of issuance:** Prague  
**Date of issuance:** 26. 10. 2022  
**Name:** Petr Uher (Responsible person)  
**Signature:**

**FAST** FAST ČR, a.s.  
U Sanitáru 1621, 251 01 Říčany  
tel.: +420 323 204 111  
IČO: 247 77 249, DIČ: CZ 247 77 749

# SENCOR®

## EN Warranty conditions

### Warranty card is not a part of the device packaging.

This product is warranted for the period of 24 months from the date of purchase to the end-user. Warranty is limited to the following conditions. Warranty is referred only to the customer goods using for common domestic use. The claim for service can be applied either at dealer's shop where the product was bought, or at below mentioned authorized service shops. The end-user is obligated to set up a claim immediately when the defects appeared but only till the end of warranty period. The end user is obligated to cooperate to certify the claiming defects. Only completed and clean (according to hygienic standards) product will be accepted. In case of eligible warranty claim the warranty period will be prolonged by the period from the date of claim application till the date of taking over the product by end-user, or the date the end-user is obligated to take it over. To obtain the service under this warranty, end-user is obligated to certify his claim with duly completed following documents: receipt, certificate of warranty, certificate of installation.

### This warranty is void especially if apply as follows:

- Defects which were put on sale.
- Wear-out or damage caused by common use.
- The product was damaged by unprofessional or wrong installation, used in contrary to the applicable instruction manual, used in contrary to legal enactment and common process of use or used for another purpose which has been designed for.
- The product was damaged by uncared-for or insufficient maintenance.
- The product was damaged by dirt, accident of force majeure (natural disaster, fire, and flood).
- Defects on functionality caused by low duality of signal, electromagnetic field interference etc.
- The product was mechanically damaged (e.g. broken button, fall).
- Damage caused by use of unsuitable media, fillings, expendable supplies (batteries) or by unsuitable working conditions (e.g. high temperatures, high humidity, quakes).
- Repair, modification or other failure action to the product by unauthorized person.
- End-user did not prove enough his right to claim (time and place of purchase).
- Data on presented documents differs from data on products.
- Cases when the claiming product cannot be indentified according to the presented documents (e.g. the serial number or the warranty seal has been damaged).

### Authorized service centers

Visit [www.sencor.com](http://www.sencor.com) for detailed information about authorized service centers.

The original version of the instructions is in the Czech language, other language versions are made by the appropriate translation.

