



ENGLISH

WIRELESS WEATHER STATION VT-3533 SR

DESCRIPTION

- Main unit**
- «DOWN» button
 - «UP» button
 - «SET» button
 - «ALARM» button
 - «CHANNEL» button
 - «SNOOZE-LIGHT» button
 - Battery compartment lid
 - Flap stand
 - Sensor wall mounting holes
- Display**
- Date field
 - Week day and current Moon phase field
 - Weather symbols field
 - Temperature and humidity integrated sensor indication
 - Temperature and humidity remote sensor indication «out»
 - Current time indication

Remote sensor

- Display
- Sensor
- Sensor wall mounting hole
- Battery compartment lid
- Stand
- Temperature measurement unit selection buttons «C/F»
- Transmission channel number selection button «CH»
- Wired temperature sensor

SAFETY MEASURES

- Before using the unit, read this instruction manual carefully and keep it for future reference.
- Use the unit for intended purposes only, as specified in this manual. Mishandling the unit can lead to its breakage and cause harm to the user or damage to his/her property.
- Do not subject the unit to impacts (dust and moisture are also to be avoided), as it can lead to failures, reduction of service life, battery damage and to deformation of the unit body parts.
 - Provide that no liquid gets inside the unit body. To prevent the unit's damage, do not expose the it to rain or moisture, do not place the unit in places with high humidity (near bathtubs, containers filled with water, kitchen sinks, washing machines, near a swimming pool, in wet basements, etc.). Protect the unit from dripping and splashing.
 - The unit should not be placed near heat sources such as radiators, electric heaters, stoves or in places exposed to direct sunlight, excessive dust, vibration or mechanical shocks.
 - Install the unit on flat stable surface in places with proper ventilation. Do not block the unit ventilation openings.
 - Make sure that the wired sensor is not bent or pinched.
 - Do not let foreign objects get into unit openings.
 - Do not repair the unit or make any changes in it by yourself. If you find any damages, switch the unit off by removing the batteries from the battery compartment and apply to the authorized service center.
 - If you disassemble the unit, it will lead to warranty cancellation. No parts inside the unit require the user's attention.
 - Do not allow children to use the unit as a toy.
 - This unit is not intended for usage by children under 8 years of age.
 - Children aged 8 and over as well as disabled persons can use this unit only under supervision of a person who is responsible for their safety, if they are given all the necessary and understandable instructions concerning the safe usage of the unit and information about danger that can be caused by its improper usage.
 - To avoid damages, transport the unit in original package only.
 - For children safety reasons do not leave polyethylene bags or packaging film. **Danger of suffocation!**
 - Do not use abrasives or substances causing damages of the body and the inner parts of the units for cleaning.
 - Keep the unit out of reach of children.

THE UNIT IS INTENDED FOR HOUSEHOLD USAGE ONLY

BEFORE THE FIRST USE

- After unit transportation or storage at low temperature it is necessary to keep it for at least two hours at room temperature.
- Unpack the unit, remove any stickers that can prevent unit operation.
 - Check the unit for damages. In case of damages do not switch the unit on.

BATTERY INSTALLATION

- Attention!** Batteries leakage can cause injuries or the unit damage. To avoid damages, follow the recommendations specified below:
- insert batteries following the polarity;
 - use only new batteries of the type specified in the instruction manual;
 - do not insert the batteries of different types, new batteries with old ones, batteries of different brands as well as rechargeable batteries of different capacity;
 - remove the batteries if you are not planning to use the unit for a long time;
 - do not dismantle the batteries, do not subject them to high temperatures;

- replace the batteries in time.
- Notes:**
- If the batteries are already installed into the battery compartment you need to remove the isolation insert. Long operation under low or high temperatures can reduce the voltage of the batteries of the sensor (16), thus decreasing the sensor's transmission range.
 - The symbol indicates that the batteries are discharged, replace the batteries.

Remote sensor

- Shift the battery compartment lid (19). Insert two "AAA" batteries (included), strictly following the polarity.
- Select the temperature measurement units by pressing the C/F button (21). The selected measurement units are shown on the display (17).
- Select the transmission channel number (from 1 to 3) by pressing the CH button (22) repeatedly.
- Install the battery compartment lid (19) back to its place.

Main unit

- Remove the battery compartment lid (7) and insert three "AA" batteries (included), strictly following the polarity.
- Install the battery compartment lid (7) back to its place.

UNIT INSTALLATION

- Use the flap stand (8) to set the main unit on a flat stable surface, use the stand (20) for the remote sensor (16).
- You can also hang up the main unit and the sensor (16) on the wall by using the holes (9) and (18), respectively.
- Place the remote sensor (16) outdoors so that it is not exposed to direct sunlight, rain or snow. The remote sensor should be installed up to 30 meters away from the main unit in the line of sight. The distance from the main unit and the remote sensor to any interference sources (such as computers, television receivers etc.) should be at least 1,5-2 meters.
- Do not place the unit near metal frames, do not use appliances (for example, headphones) operating at the same frequency (433 MHz) near the weather station.
- The remote sensor (16) operates within the temperature range from -40°C to +60°C. If the outdoor temperature is below -20 °C or if the remote sensor (16) can't be installed outside, set it indoors and install the wired sensor (23) outside. In this case outdoor temperature and indoor humidity (at the remote sensor installation point) are displayed in the field (14).

Note: Make sure that the wired sensor (23) is not bent or pinched.

DATE AND TIME SETTING

- Notes:**
- The available languages for week day indication: English (EN), German (GE), Italian (IT), French (FR), Dutch (NE), Spanish (ES) and Danish (DA).
- If the buttons (1) DOWN and (2) UP are not pressed within 30 seconds during the setting process, the unit will be switched to the current time mode without saving the new settings.
- Press and hold down the SET button (3) for 2 seconds, the year numerical value (Yr) will start flashing in the field (15).
 - Use the buttons (1) DOWN and (2) UP to set the required year.
 - Press the SET button (3), the month numerical value (MONTH) will be flashing in the field (10).
 - Use the buttons (1) DOWN and (2) UP to set the required month.
 - Press the SET button (3), the day numerical value (DATE) will be flashing in the field (10).
 - Use the buttons (1) DOWN and (2) UP to set the day.
 - Press the SET button (3), the language symbol used for week day indication will be flashing in the field (11).
 - Use the buttons (1) DOWN and (2) UP to set the language for week day indication (for example, English).
 - Press the SET button (3), the time indication format symbols (12 hour format or 24 hour format) will be flashing in the field (15).
 - Use the buttons (1) DOWN and (2) UP to select the time indication format.
 - Press the SET button (3), the hour digits will be flashing in the field (15).
 - Use the buttons (1) DOWN and (2) UP to set time in hours. To set the afternoon time in the 12 hour format, press the buttons (1) DOWN and (2) UP until the symbol «PM» appears.
 - Press the SET button (3), the minute digits will be flashing.
 - Use the buttons (1) DOWN and (2) UP to set the time in minutes.
 - To save the settings, press the SET button (3).
 - After the date is set, the day of week and the Moon phase corresponding to this date will be displayed in the field (11). See the symbols interpretation below.

DAYS OF WEEK

Day of week/ language	English (EN)	German (GE)	Italian (IT)	French (FR)	Dutch (NE)	Spanish (ES)	Danish (DA)
Mo.	MO	MO	LU	LU	MA	LU	MA
Tu.	TU	DI	MA	MA	DI	MA	TI
We	WE	MI	ME	ME	WO	MI	ON
Th.	TH	DO	GI	JE	DO	JU	TO
Fr.	FR	FR	VE	VE	VR	VI	FR
Sa.	SA	SA	SA	SA	ZA	SA	SA
Su.	SU	SO	DO	DI	ZO	DO	SO

THE MOON PHASES

	new Moon		full Moon
	young Moon		waning Moon
	waxing half Moon		waning half Moon
	waxing Moon		old Moon

ALARM SETTING

- Note:** If the buttons (1) DOWN and (2) UP are not pressed within 30 seconds during the setting process, the unit will be switched to the current time mode.
- To set the alarm, press and hold down the ALARM button (4) for 2 seconds, the alarm hour digits will be flashing in the field (15).
 - Use the buttons (1) DOWN and (2) UP to set the alarm time in hours.
 - Press the ALARM button (4), the alarm minute digits will start flashing in the field (15).
 - Use the buttons (1) DOWN and (2) UP to set the alarm time in minutes.
 - To save the settings, press the SET button (3).
 - To switch the alarm on/off, press the SET button (3) while in the current time mode. If the alarm is on, the symbol appears in the field (15).
 - To view the alarm settings, press the ALARM button (4) while in the current time mode. The symbol «AL» and the alarm time will be displayed for 30 seconds in the field (15). For a quick return to the current time mode, press the ALARM button (4) again.

Repeating alarm signal

- The alarm signal will sound for 2 minutes if you do not press any buttons.
- You can switch the alarm signal off for 5 minutes by pressing the «SNOOZE/LIGHT» button (6). The symbol «Zz» will appear on the display, the signal will be repeated in 5 minutes.
- To switch the alarm signal off, press any other button.

DISPLAY BACKLIGHT

- To switch the display backlight on, press the «SNOOZE/LIGHT» button (6). The backlight will be on for 20 seconds.

TEMPERATURE AND HUMIDITY MEASUREMENT

- The integrated thermometer of the main unit is used for indoor temperature measurement within the range from 0 °C to +50°C and the remote sensor (16) operates outdoors at the temperature from -40°C to +60°C. The humidity meters (of the main unit and the remote sensor) operate within the relative humidity range from 20% to 90%. If the temperature and humidity values are below the specified range, the symbols «LL» will be shown in the corresponding field.
- Indoor temperature and humidity data are displayed in the field (13) «in». Outdoor temperature and humidity values are displayed in the field (14) «out».
- Temperature and humidity are measured every 30 seconds by the main unit and minutely by the remote sensor (16). The data are updated automatically.
- Temperature trends are indicated with arrows (temperature increases, temperature remains constant, temperature decreases) in the field (13) and (14).
- Temperature and humidity data are used for evaluating of the comfort level that is indicated by one of the three symbols:

- "Favorable" – optimal temperature and humidity values;
- "Arid" – indoor humidity level is lower than optimal;
- "Damp" – indoor humidity level is higher than optimal.

Temperature measurement unit selection

- To select the measurement units (Celsius degrees or Fahrenheit degrees), press the DOWN button (1).

Remote sensor data transmission

- When the batteries are inserted in the remote sensor (16), it will start data transmission.
- After you set the batteries in the main unit, select the transmission channel number. To do so, press the CHANNEL button (5) repeatedly. The main unit channel number should match the channel number on the remote sensor display (17).
- The signal search takes about 3 minutes. Data obtained from the remote sensor (16) will be shown in the field (14) «out».
- If there is no remote sensor signal, the symbols «-» will be shown in the field (14) «out».
- To start a new channel search, press and hold down the CHANNEL button (5) for 2 seconds.

Note: You can connect the unit with two additional sensors transmitting on the frequency of 433 MHz. To do so every sensor should be assigned with its own channel number (from 1 to 3). To view data from different sensors, press the CHANNEL button (5) repeatedly. If the sensor does not support the humidity measurement function, the symbols «LL» will be shown in the field (14) «out» in humidity values.

Memory function

- The unit memory stores data on maximal and minimal temperature and relative humidity values.
- Press the UP button (2) repeatedly to view:
 - the maximal temperature and humidity values (the symbol «MAX» in the corresponding field),

- the minimal values (the symbol «MIN»),
 - current values.
- To clear the unit memory, press and hold down the UP button (2) for 2 seconds while the unit is in the maximal or minimal value displaying mode.

Warning signal of temperature change

- If the outdoor temperature is out of the range preset by you, the unit will give a tone signal.
- to switch the warning signal on or off, press and hold the DOWN button (2) for 2 seconds, the values in the field (14) will be flashing. By pressing the DOWN button (1) repeatedly, switch the warning signal on and off: Off – the signal is off, on – the signal is on.
 - Press the SET button (3), the symbol (upper limit of the temperature range) will appear in the field (14).
 - Use the buttons (1) DOWN and (2) UP to set the upper limit of the temperature range.
 - Press the SET button (3), the symbol (lower limit of the temperature range) will appear in the field (14).
 - Use the buttons (1) DOWN and (2) UP to set the lower limit of the temperature range.
 - To save the settings, press the SET button (3).
 - When the temperature is out of the preset range, you will hear a tone signal. The signal will sound every minute for 5 seconds until the outdoor temperature is within the preset range.
 - To switch the signal off, press and hold the DOWN button (1), then press the DOWN button (1) until the symbol «Off» appears. Then press the SET button (3) thrice.

Weather forecast

The following symbols indicating the weather conditions (depending on the temperature and humidity data obtained from the remote transmitter) are shown on the display:

	sunny
	partly cloudy
	cloudy
	rain

At the first switching-on, cloudy weather will be displayed. For weather indication the transmitter in channel 1 will be used. If no transmitter is connected to channel 1, cloudy weather will be always displayed. If there is no humidity data in channel 1, cloudy weather will be always displayed.

CLEANING AND CARE

- Switch the unit off before cleaning by removing the batteries from the battery compartment of the main unit and the remote sensor.
- Use a soft cloth to clean the unit.
- Do not use liquid or aerosol detergents to clean the unit.

STORAGE

- Unplug and clean the unit before taking it away for storage.
- Wind the wired temperature sensor (23). Do not wind the sensor wire around the unit.
- Keep the unit away from children in a dry cool place.

DELIVERY SET

- Weather station main unit – 1 pc.
- Remote sensor – 1 pc.
- «AAA» batteries – 2 pcs.
- «AA» batteries – 3 pcs.
- Instruction manual – 1 pc.

TECHNICAL SPECIFICATIONS

Measurements	
Main unit	From 0°C to + 50°C
Remote sensor	From -40°C to + 60°C
Temperature measurement precision	0.1°C
Relative humidity measurement	from 20% to 90%
Relative humidity measurement precision	1%
Remote sensor data transmission	
Data transmission frequency	433 MHz
Number of sensors connected	3
Transmission range	Maximum 30 m
Power supply	
Main unit	3 «AA» type batteries, 1.5 V
Remote sensor	2 «AAA» type batteries 1.5 V

The manufacturer preserves the right to change the specifications of the unit without a preliminary notification

Unit operating life is 3 years

Guarantee

Details regarding guarantee conditions can be obtained from the dealer from whom the appliance was purchased. The bill of sale or receipt must be produced when making any claim under the terms of this guarantee.

This product conforms to the EMC-Requirements as laid down by the Council Directive 2004/108/EC and to the Low Voltage Regulation (2006/95/EC)

