E5018 - AOK-5018B

GB	WIRELESS WEATHER STATION
CZ	BEZDRÁTOVÁ METEOSTANICE
SK	BEZDRÔTOVÁ METEOSTANICA
PL	BEZPRZEWODOWA STACJA METEOROLOGICZNA
HU	VEZETÉK NÉLKÜLI METEOROLÓGIAI ÁLLOMÁS
SI	BREZŽIČNA METEOROLOŠKA POSTAJA
RS|HR|BA	BEŽIČNA METEOROLOŠKA STANICA
DE	DRAHTLOSE WETTERSTATION
UA	БЕЗДРОТОВИЙ МЕТЕОРОЛОГІЧНИЙ ПРИСТРІЙ
RO	STAȚIE METEO FĂRĂ FIR

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CE

GB AOK-5018B WIRELESS WEATHER STATION

The weather station displays the time along with 2 alarm clocks with snooze function, the weather forecast, interior and exterior temperatures, humidity, the atmospheric pressure, lunar phase, the sunrise and sunset times, and also the moonrise and moonset times.
It has a memory for the minimum and maximum measured values.
Please read this product guide thoroughly before using the device.

Specifications:
Radio controlled clock
Accuracy:	±2 °C

Interior/exterior temperatures: 0 °C to +50 °C; -50 °C to +70 °C
Temperature resolution:	0.1 °C
Wireless sensor:	broadcast frequency 433 MHz
Radio signal range:	up to 30 m in free space
Number of sensors:	3
Relative humidity:	20 % – 95 %
Resolution:	1 %
Accuracy:	±5 %
Barometer pressure scale:	850 hPa to 1050 hPa

Power supply:
a) main station:	2× 1.5 V AA battery (not included)
b) sensor:	2× 1.5 V AAA battery (not included)

Size and weight:
a) main station:	189 × 139 × 30 mm; 306 g (without batteries)
b) sensor:	60 × 99 × 21 mm; 43 g (without batteries)

List of icons and buttons
Front display
A – interior temperature below +4 °C
B – weather forecast icon
C – pressure trend
D – depleted battery icon
E – exterior sensor number
F – temperature trend
G – humidity trend
H – exterior temperature and humidity
I – interior temperature and humidity
J – physical comfort icon
K – date, day of the week, week number
L – DCF77 radio signal reception icon
M – alarm clock icons
N – current time
O – moonrise and moonset
P – country and city code
R – sunrise and sunset
S – lunar phase icon
T – pressure value and history

Rear side

	Button push	Button hold (3 seconds)
CHANNEL	Sensor number	Search for sensor No. 1,2 3
HISTORY	Pressure history over the last 12 hours	Setting of altitude above sea level, pressure units, weather icon
-	1 step back Display temperatures in °C or °F units	Thermal limit setting
+	1 step forward Display max/min temperature and humidity values	
MODE	Alarm time No. 1, 2	Setting the alarm, time and date
RESET	Erase all values	

Upper side
SNOOZE/LIGHT – Display light and snooze functions

Wireless sensor
Front side
- external temperature
- external humidity
CH1,2,3 – No. of channel reserved for communication of the sensor with the weather station
Rear side
CH – switching for sensor channel
°C/°F – temperature units

Commissioning
1. First insert the battery into the weather station (2× AA), then to the wireless sensor (2× AAA). When installing the batteries, ensure correct polarity to avoid damaging the weather station or the sensor. Use alkaline batteries of the same type only; do not use rechargeable batteries.
2. Position both units next to each other. The weather station will find the signal from the sensor within three minutes. If the sensor signal is not found, hold the CHANNEL button to repeat the search.
3. If the external temperature value vanishes from the display, push the RESET button on the weather station. The weather station resets all values to zero and finds the sensor signal again.
4. We recommend positioning the sensor on the northern side of the house. In built-up areas, the sensor range may drop rapidly.
5. The sensor is resistant to splash and dripping water; do not subject it to permanent contact with adverse weather and rain.
6. Do not put the sensor on metal surfaces; it might weaken the signal.
7. If the weak battery icon (D field) appears, replace the batteries in the sensor or the weather station.

Channel change and connecting more sensors
1. Use the CHANNEL button on the rear of the weather station to choose the desired sensor channel - 1, 2 or 3. Then hold the CHANNEL button until the icon starts blinking.
2. On the rear side of the sensor, remove the battery compartment cover and insert the batteries (2× AAA).
3. Set the required number of the sensor channel - 1, 2, 3 using the CH button – it will be shown on the front display. Within 3 minutes the data from the sensor will be read.
4. If the sensor signal is not found, remove the battery and reinsert.

Radio controlled clock (DCF77)
After logging to the wireless sensor, the weather station starts to automatically search for the DCF77 signal over 7 minutes, the L icon is blinking. During the search no data on the display are updated and the buttons do not function (except SNOOZE/LIGHT).
Signal found – the icon stops blinking and it shows the current time.
Signal not found – the icon disappears.
To start a new search for the DCF77 signal push the buttons + and – at the same time.
To cancel the DCF77 signal search, push the buttons + and – at the same time again.
The DCF77 signal will be synchronised daily between 2:00 and 3:00 a.m.
To ensure correct signal reception, do not place the sensor near electrical appliances and mobile phones.

Manual setting of the time, date and location to show the time of sunrise, sunset, moonrise and moonset
1. Hold the MODE button
2. Use the buttons + and – to set the year – month - day – time shift – day language - 12/24 time format – hour – minute – city (country) code. Other cities and countries are listed on page 22 - 23.
3. The week number is set automatically according to the set date.
4. You can move from one value to another by pushing the MODE button.
5. After setting the city code, the weather station will set the time of sunrise and sunset (R field) and moonrise, moonset (O field).

Interior and exterior temperatures, humidity, temperature unit
The interior temperature and humidity is displayed in field I.
Exterior temperature and humidity is displayed in field H.
Button – choose the temperature unit °C/°F.

Temperature and humidity trend
The arrow shows the trend in the measured values of temperature (F icon) and humidity (G icon) for the specific sensor or station.

Indicators on the display	↗	⇒	↘
Temperature and humidity trend	Rising	Stable	Falling

Atmospheric pressure – history and graph

Atmospheric pressure in hPa or inHg units and the pressure history graph over the last 10 hours is shown in the T field on the right.

When moving the weather station to another location, the measured values will be affected.

The measurements will stabilise within 12 hours after battery insertion or station relocation.

By repeated pushing of the HISTORY button you can gradually see the pressure values over the last 12 hours.

The measured value + time shift will be displayed in the T field on the left.

Manual setting of altitude above sea level, forecast icon, pressure units

After inserting the battery or after long holding down of the HISTORY button you can set your altitude above sea level to make the pressure calculation more accurate.

Use the buttons + and – to set the value in the range -200 m to 2000 m (resolution 10 m).

After setting the altitude, push HISTORY and use the + and – buttons to set the weather forecast icon (field B).

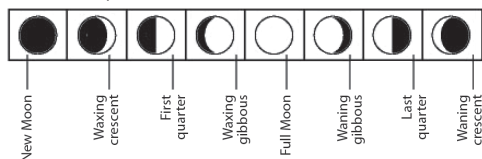After an hour the weather forecast will be updated to reflect the measured pressure.

After setting the weather forecast icon, push the HISTORY button and use the + a – buttons to set the pressure units in hPa or in Hg.

To return to the main menu, push the HISTORY button.

Lunar phases

Lunar phase is shown in the S field.

The main lunar phase icons are as follows:

New Moon | Waxing crescent | First quarter | Waxing gibbous | Full Moon | Waning gibbous | Last quarter | Waning crescent

Showing the maximum and minimum measured values of temperature and humidity

Push the + button to gradually show the maximum and minimum measured temperatures and humidity. By holding the + button the measured values will be erased from memory.

Alarm clock setting

The weather station allows setting 2 alarm times.

Use the MODE button to choose alarm clock A1 or A2. The choice will be shown in the M field.

A1 – the alarm clock for workdays (Monday – Friday)

A2 – the alarm clock for weekends (Saturday-Sunday)

By holding the MODE button and using the + and – buttons you can set the required wake up time.

The alarm clock is activated by the MODE button and the – button.

A1 or A2 alarm clock icon or both icons will be dispayled.

By repeated pressing of the - button the alarm clock is deactivated and the icon disappears.

Snooze function and light function (SNOOZE/LIGHT)

By pressing the SNOOZE button at the top of the weather station you can postpone the alarm by 5 minutes.

Press it when the alarm goes off and the alarm clock icon 1, 2 will start blinking (M field).

To cancel the SNOOZE function, press any button on the rear and the icon stops blinking and it stays on the display. The alarm clock will activate itself the next day again.

By pushing the SNOOZE/LIGHT button, a blue light on the display will be activated for 5 seconds.

Weather forecast

The weather station forecasts the weather based on the atmospheric pressure for the next 12 – 24 hours for the area 15-20 km around it.

The weather forecast accuracy is 70 – 75 %.

The weather forecast icon is situated in field B.

Because the weather forecasts may not be 100% accurate, the producer or seller cannot be responsible for any losses due to inaccurate weather forecast.

After the first setting or resetting of the weather station, it takes some 12 hours before the weather station starts forecasting correctly.

The weather station shows 5 icons for weather forecast and 3 for pressure.

On display indication			
Weather trend	better	no change	worse

Sunny | Clouds | Overcast | Rain | Storm

 - This icon is displayed when the interior temperature is lower than +4 °C

Physical comfort icon – a smiley

The comfort icon is selected in the J field.

JIf the humidity is between 40 - 70 % RV and the temperature is between 20 – 28 °C, the icon COMFORT – comfortable conditions – appears.

If the humidity is lower than 40 % RV, the icon DRY – dry conditions - appears.

If the humidity is higher than 70 % RV, the icon WET – wet conditions - appears.

If the temperature is not within 20 – 28 °C and 40 - 70 % RV, no icon will be displayed.

Setting thermal limits of maximum and minimum temperature

Hold the – button and OFF – deactivated - starts blinking next to the E icon.

To activate, push the + or – button (ON will be displayed)

Use MODE button to set the limit, use the buttons + or -. By holding the buttons you can move faster.

Set the value of thermal limit for the minimum and maximum temperatures.

The range for a thermal limit is -50 °C to +70 °C, resolution 1 °C.

When exceeding the set thermal limit, a sound signal is activated and the value starts blinking.

The thermal limits can be set separately on up to 3 sensors.

Troubleshooting

If the clock does not show the correct time or if the reception icon is not displayed, reset the clock by pushing the RESET button. Incorrect time or loss of synchronisation may be due to electromagnetic interference.

Maintenance

The product is designed so that with proper use it can serve reliably for many years. There are several guidelines for correct operation:

• Before you start using the product, read the user manual carefully.
• Do not put the product in direct sunlight, extreme cold or moisture and sudden temperature changes. It would lower the measurement accuracy.
• Do not put the product in locations prone to vibrations and shocks – it could damage the product.
• Do not subject the product to excessive pressure, shocks, dust, high temperature or moisture – it might harm its functionality, deplete its energy, damage the batteries or deform the plastic components.
• Do not subject the product to rain or moisture, unless it is designed for exterior use.
• Do not place it near any sources of open fire, such as a burning candle.
• Do not put the product in places with insufficient airflow.
• Do not stick anything into the vents of the product.
• Do not interfere with the internal electric circuits of the product – you can damage it and render the warranty invalid. The product should be repaired only by qualified professionals.
• Clean with soft wet cloth. Do not use solvents or cleaning detergents – they might scratch the plastic elements and damage the electric circuits.
• Do not submerge the product under water or other liquid.
• The product must not be subjected to dripping or splashing water.
• When the product is damaged or malfunctioning, do not repair it on your own. Have it repaired at the point of purchase.

Obsah je uzamčen

Dokončete, prosím, proces objednávky.

Následně budete mít přístup k celému dokumentu.

Proč je dokument uzamčen? Nahněvat Vás rozhodně nechceme. Jsou k tomu dva hlavní důvody:

1) Vytvořit a udržovat obsáhlou databázi návodů stojí nejen spoustu úsilí a času, ale i finanční prostředky. Dělali byste to Vy zadarmo? Ne*. Zakoupením této služby obdržíte úplný návod a podpoříte provoz a rozvoj našich stránek. Třeba se Vám to bude ještě někdy hodit.

   *) Možná zpočátku ano. Ale vězte, že dotovat to dlouhodobě nelze. A rozhodně na tom nezbohatneme.

2) Pak jsou tady „roboti", kteří se přiživují na naší práci a „vysávají" výsledky našeho úsilí pro svůj prospěch. Tímto krokem se jim to snažíme překazit.

A pokud nemáte zájem, respektujeme to. Urgujte svého prodejce. A když neuspějete, rádi Vás uvidíme!