Weather station Airbi FORECAST–user manual

Before first use

- Please make sure to read the instruction manual carefully.
- This information will help you to familiarise yourself with your new device, to learn all of its functions and parts, to find out important details about its first use and how to operate it, and to get advice in the event of faults.
- Following and respecting the instructions in your manual will prevent damage to your instrument and loss of your statutory rights arising from defects due to incorrect use.
- We shall not be liable for any damage occurring as a result of non-following of these instructions.
- Please **pay attention to the safety advice**!
- Please keep this instruction manual for future reference.

Delivery contents

- Wireless weather station (base station)
- Outdoor temperature/humidity transmitter (sensor)
- Mains power adapter

Key features

- Measuring outdoor and indoor temperature and humidity
- Smart weather forecast for 5 days downloaded from the internet (including daily max and min temperature, UV index)
- Possibility to view measured data in the app (basic reports: daily graphs with hourly averages, monthly graphs with average values for each day)
- Export data from the application in .xlsx (basic reports: tables with average values for each month, tables for 1 day with average values for each hour)
- Alarm clock
- Temperature and humidity alarm
- Minimum and maximum temperature and humidity values (automatic reset and additional manual reset)
- Day in the week abbreviation in 6 languages (Czech, Slovak, Polish, English, German, Hungarian)

For your safety

- This product is intended exclusively for the range of applications described above.

Warning! Risk of electric shock!

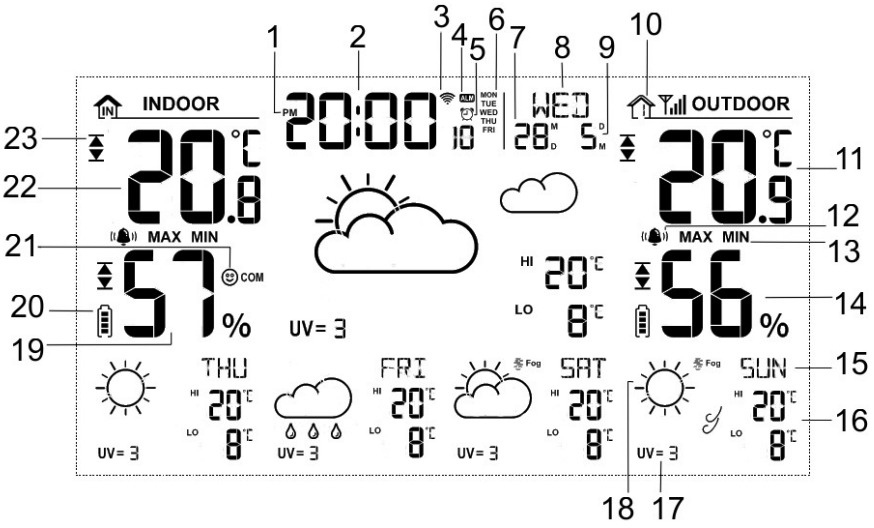
- Only plug the base station into a mains socket installed in accordance with the electrical safety regulations in your country and with the correct mains voltage (see rating plate).
- The mains socket must be located close to the equipment and must be easily accessible.
- If any fault occurs, disconnect the unit from the mains immediately.
- The base station and power adapter must not come into contact with water or moisture. Suitable for indoor use only.
- Do not use the device if the cover or power adapter is damaged.
- Operate the base station out of the reach of persons (including children) who may not be fully aware of the possible risks associated with handling electrical equipment.
- Use only the adapter supplied with the equipment.
- First connect the cable to the base station and then plug the power adapter into a power outlet.
- Do not pull the plug out of the socket by the cable.
- Route the power cord so that it does not come into contact with sharp or hot objects.
- Keep devices and batteries out of the reach of children.
- Small parts can be swallowed by children (under three years of age).
- Batteries contain harmful acids and can be dangerous if swallowed. Serious internal burns and death can occur within two hours if a battery is swallowed. If you suspect that a battery may have been swallowed or otherwise entered the body, seek medical attention immediately.
- Batteries must not be thrown into a fire, shorted, disassembled or recharged. There is a risk of explosion!
- Discharged batteries must be replaced as soon as possible to avoid damage due to leakage. Make sure the polarities are correct. Never use a combination of old and new batteries together, or batteries of different types.
- Remove the batteries if you will not be using the equipment for a long period of time. Avoid contact with skin, eyes and mucous membranes when handling drained batteries.
- In case of contact, immediately rinse the affected areas with water and seek medical attention.

Important information regarding the safe use of the product!

- Do not place the device near sources of high temperature, vibration or shock.
- Protect from moisture.
- The base is intended for indoor use only. Protect it from moisture.
- The outdoor sensor is splashproof, but not watertight.

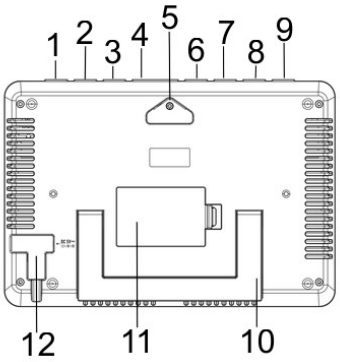
DESCRIPTION OF THE INSTRUMENT

Display:



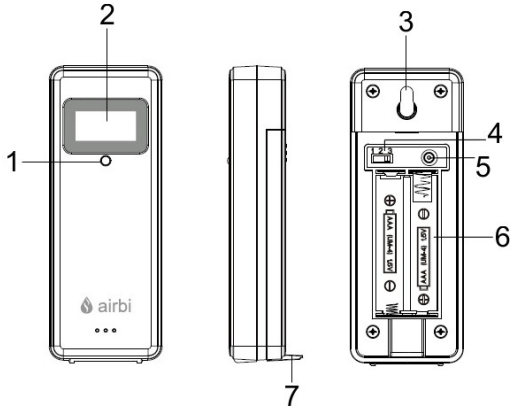
1. Afternoon (PM)
2. Time
3. WiFi connection symbol
4. Alarm time symbol
5. Alarm clock on symbol
6. Scope of the alarm clock
7. Day (month)
8. Day in the week abbreviation / access point mode (AP)
9. Month (day)
10. Outdoor transmitter channel (1, 2, 3), received signal from the transmitter symbol
11. Outdoor temperature
12. Temperature/humidity alert on symbol
13. Minimal and maximum temperature and humidity
14. Outdoor humidity
15. The day of the weather forecast
16. Minimal and maximum temperature forecast
17. UV index forecast
18. Weather forecast symbol
19. Indoor humidity
20. Battery capacity indication for the indoor unit
21. Comfort level indication (based on indoor temperature and humidity)
22. Indoor temperature
23. High and low alert symbols

Housing and buttons:



1. **CHANNEL** button
2. **WIFI/**💡 button
3. **–/°C/°F** button
4. **SNOOZE/LIGHT** button
5. Wall mount hole
6. **+/MAX/MIN** button
7. **ALERT** button
8. **ALARM** button
9. **MODE** button
10. Stand (fold out)
11. Battery compartment
12. Power adapter jack

Temperature/humidity transmitter:



1. Transmitted signal control LED
2. Transmitter display
3. Wall mount hole
4. **Channel switch 1, 2, 3**
5. **C/F button**
6. Battery compartment
7. Stand

GETTING STARTED, OUTDOOR VALUES RECEPTION

- Place the device on the table at a distance of 1.5 m between the transmitter and the indoor unit. Avoid placing it near possible sources of interference, such as other electronic or wireless devices.
- Open the battery compartment of the transmitter.
- Make sure that the **channel switch 1, 2, 3** in the sensor battery compartment is in position 1.
- Insert 2 new 1.5V AAA batteries with the correct polarity into the transmitter battery compartment.
- Carefully close the battery compartment.
- Connect the base indoor unit to the mains socket using the supplied power adapter. All display segments will light up briefly and the base will beep.
- The display then shows the indoor temperature and humidity, the default weather forecast symbols (partly cloudy) and the default time and date (0:00:00, Monday 1 January).
- You can also insert 3 1.5V AAA batteries into the base station as a backup to preserve the settings in case of a power failure. Please insert them with the correct polarity.
- The indoor unit will then automatically start searching for the signal from the wireless sensors. The external sensor signal symbol will gradually appear and disappear on the display.
- Once the indoor unit detects the wireless sensor signal, the outdoor temperature and humidity will be displayed.
- If you want to use multiple sensors (max. 3 units, additional sensors can be purchased), please select a different channel on each sensor using the channel switch 1, 2, 3.
- The indoor unit will try to detect the signal of the wireless sensors also on channels 2 and 3 immediately after connecting to the power supply. You can view the data from each sensor by pressing the **CHANNEL** button. If you press the **CHANNEL** button after the last paired sensor, a circular arrow symbol will appear next to the house icon with the channel number. The display of the transmitters will now automatically change every few seconds. To turn this automatic alternation off, press the **CHANNEL** button again.
- You can also start searching for a signal from a wireless sensor manually. Switch the display on the indoor unit to the desired channel using the **CHANNEL** button. Then press and hold the **CHANNEL** button for 3 seconds. The sensor signal symbol will be repeatedly loading. The indoor unit will cancel the previous pairing with the sensor on the selected channel and try to locate the signal from the wireless sensor. It is recommended to insert batteries into the outdoor sensor during this signal search.

CONNECTION OF THE INDOOR UNIT TO THE INTERNET

- To make full use of the weather station, you need to connect it to WiFi and to the internet. This allows the weather station to display the accurate time, the weather forecast, view basic statistics in the app, etc.
- To connect and use the WiFi functions, the indoor unit needs to be powered by a mains adapter. You also need to have downloaded the Tuya Smart app and installed it on your cell phone, created an account for this service and have your WiFi network name (SSID) and password available.
- The WiFi network must be connected to the internet and must be on the 2.4 GHz frequency. (Alternatively, dual-band 2.4 and 5 GHz can sometimes be used, but functionality cannot be guaranteed as the station does not support connection to a 5 GHz WiFi network.)
- Instructions for connecting the weather station to a WiFi network and to the app can be found at www.airbi.cz/forecast

CONTROLS

Setting the time, time format (12/24 hours) and language of the day of the week abbreviation

- If the weather station is connected to the internet, the time will be set automatically.
- Press and hold the **MODE** button for 3 seconds.
- The first adjustable value will be flashing on the display. Set it using the **+/MAX/MIN** or **-/°C/°F** buttons. Confirm the setting by a brief press of the **MODE** button, which also moves you to the next adjustable value. Set it in the same way.
- You can set these values step by step:
  - Year
  - Month
  - Day
  - Time format 12/24 hours
  - Hours

- Minutes
- Language of day of the week abbreviation (EN, DE, CZ, SK, PL, HU)

- To speed up the setting of the value, press and hold the **+/MAX/MIN** or **-/°C/°F** button.
- The weather station will automatically exit the setting mode if no button is pressed for 10 seconds.

Alarm clock settings

- You can set an alarm with up to 3 different wake-up times on the weather station.
- Short presses of the **ALARM** button will display the set wake-up times. AL1, AL2 and AL3 will show on the display.
- While the wake-up time is displayed, you can turn the alarm on or off by pressing the **+/MAX/MIN** or **-/°C/°F** button. The alarm clock on icon will appear or disappear on the display.
- To change the wake-up time, display it and then press and hold the **ALARM** button for 3 seconds.
- Using the **+/MAX/MIN** or **-/°C/°F** buttons, you can now set the wake-up time (you can press and hold these buttons to speed things up). The hours, minutes and days for which the alarm is valid (Mon-Fri, Sat-Sun, or whole week) are set in turn. You can always move to the next value by briefly pressing the **ALARM** button.
- If no button is pressed for 10 seconds while setting the wake-up time, the setting is interrupted and the device returns to normal mode.

Alarm clock ringing and snooze function

- When the alarm clock is on, the base unit will beep at the set wake-up time. The alarm ringing gradually intensifies.
- To turn off the alarm ringing, press any button except **SNOOZE/LIGHT**.
- The alarm ringing will also switch itself off if no button is pressed for 2 minutes during the ringing.
- Press the **SNOOZE/LIGHT** button to interrupt the alarm tone for 5 minutes. The alarm symbol will flash when the alarm is on. You can switch off the alarm during the interrupted wake-up tone with any button except **SNOOZE/LIGHT**.

Maximum and minimum temperature and humidity

- Press the **+/MAX/MIN** button to display the maximum measured values since the last reset.
- Press the **+/MAX/MIN** button again to display the minimum measured values since the last reset.
- The minimum and maximum values are displayed for temperature and humidity from both the indoor built-in sensor and the outdoor sensor. If you are using multiple outdoor sensors, press the **CHANNEL** button while viewing the maximum and minimum values to switch the display to the different wireless sensors.
- The minimum and maximum values are automatically reset at 0:00 each day. The values will reset to the current measured temperature and humidity.
- In addition to this automatic reset, you can also perform an extra manual reset. While viewing the maximum and minimum values, press and hold the **+/MAX/MIN** button for 3 seconds.

Temperature and humidity alerts

- The weather station also allows you to set temperature and humidity alerts indoors or outdoors. If you are using multiple sensors, you can set an alert for a selected sensor, in which case select the specific sensor with the **CHANNEL** button before setting the alert.
- Press the **ALERT** button. The set upper alert limits will be displayed. Press the **ALERT** button again. The set lower alert limits are displayed.
- To set a different alert limit, press and hold the **ALERT** button for 3 seconds. The first adjustable limit flashes. You can adjust its value with the **+/MAX/MIN** or **-/°C/°F** buttons.
- The order of the adjustable limits is as follows: indoor temperature upper limit, indoor temperature lower limit, indoor humidity upper limit, indoor humidity lower limit, outdoor temperature upper limit, outdoor temperature lower limit, outdoor humidity upper limit, and outdoor humidity lower limit.
- Turning on/off the temperature or humidity alert: the moment you have finished setting a specific limit, e.g. indoor temperature upper limit, press the **ALARM** button. The temperature alert will turn on/off in this way and the bell symbol will appear/disappear on the display.
- In normal mode, the upper or lower alert symbols and the alert on symbol will inform you of the alerts that have been set and activated.
- When a given value exceeds the set limit, the indoor unit will beep and the corresponding symbols and will flash. The indoor unit will then beep every 30 seconds.
- Press any button. The audible alert will be switched off. However, the symbols on the display will still flash.
- The alert symbols will stop flashing when the values return to the set limits.
- Alerts can also be set in the app (indoor and channel 1). If it is important for you to have an overview of the measured values, we recommend that you follow the graphs in the app

Backlight

- The indoor unit has 3 levels of backlight brightness and the option to turn off the backlight. The brightness levels are switched by the **SNOOZE/LIGHT** button in normal mode.
- A brief press of the **WIFI/** button can quickly turn off the backlight or switch it to the currently selected backlight level.

- In battery-only operation: the **SNOOZE/LIGHT** or **WIFI/**💡 buttons can be used to switch on the short-term backlight for 10 seconds. Permanent backlighting is only possible when the indoor unit is powered by an adapter.

DISPLAY

Weather forecast

- When you connect the weather station to the internet and add it to the Tuya app, the weather forecast for your location (= cell phone location when the connection of the weather station to WiFi is set) is displayed. The forecast includes one of 12 symbols, a forecast of the highest and lowest daily temperature and a forecast of the UV index.
- Please note that this is a general forecast. In some cases it may be wrong or may only indicate a general trend (e.g. if a rain icon is shown, it is not necessarily 100% rain).

Weather forecast symbols

Clear

Partly cloudy

Cloudy

Thunderstorm

Light rain

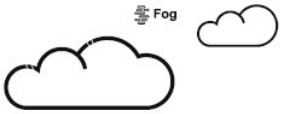
Heavy rain

Rain showers

Light snow

Heavy snow

Sleet



Fog

Windy

HI and LO temperature forecast

- The weather forecast includes the highest (HI) and lowest (LO) temperature that should be reached for the day in your location. Please note that this is a forecast of the temperature in the shade. The actual measured temperature may vary from the forecast.

UV index

- UV index refers to the level of dangerous ultraviolet radiation from the sun. High UV index values make you more likely to get sunburned. The highest UV index values tend to be around midday. Shiny surfaces, such as snow, sand or water, increase exposure to ultraviolet radiation. Appropriate protection may vary according to skin type, age, individual health, etc.

UV index	**Meaning**	**Recommended protection**
0–2	Low	Protection is not needed.
3–5	Moderate	Use of sunglasses and hat.
6–7	High	Sunglasses, hat and sunscreen with high SPF.
8–10	Very high	Keep in the shade between 11.00 and 15.00.
11+	Extreme	Keep indoors during the day. Extreme danger, risk of harm in minutes.

°C and °F

- In normal mode, you can switch the temperature display to °C or °F using the **-/°C/°F** button.

Room climate indication

- The climate level of the indoor unit is shown on the display with a smiley icon:

Icon	Meaning	Conditions
DRY	dry air	< 40 % RH
COM	comfort	40–70 % RH and 20–28 °C
NO ICON	–	40–70 % RH, temperature outside 20–28 °C
WET	wet air	> 70 %

PLACEMENT

- The indoor unit and wireless sensors can be placed on a surface using the stand or hung on the wall using the hanging hole.
- Avoid proximity to sources of interference such as PC monitor, TV, metal objects, etc. The base station is designed to be placed indoors and within range of a WiFi network. Place the outdoor sensor in a dry and shady place (direct sunlight affects the measurement and constant exposure to moisture causes unnecessary damage to the indoor electronics).
- Make sure that the signal from the transmitter reaches the indoor unit from the desired location (max. 100 m in an open area without obstacles). In buildings, especially those built from concrete and metal, the received signal is naturally weaker. If necessary, select another location for the transmitter or indoor unit.

CARE AND MAINTENANCE

- Clean your instrument with a soft, damp cloth. Do not use solvents or scouring agents.
- Remove the battery if you do not use the product for a long period of time.
- Keep the instrument in a dry place.

BATTERY REPLACEMENT

- The battery symbols, which can be found next to the humidity values, indicate the battery charge status for the indoor unit and individual sensors. Replace weak batteries.
- Caution: after replacing the batteries, contact between the outdoor transmitters and the station must be restored–so proceed as you did when you first started the unit or start a manual transmitter search.
- If the indoor unit is powered only by an adapter without backup batteries, the empty battery symbol will be displayed for the indoor unit.

TROUBLESHOOTING

No display or incomplete data:

- Make sure the batteries are positioned correctly.
- Replace the batteries.
- Restart the base station and transmitter(s).
- If the exact time and weather forecast are not displayed (partly cloudy for all days, no forecast of HI and LO temperatures), check the indoor unit's connection to WiFi and to the Internet.

No reception from the transmitter. "-.- --" is displayed:

- Transmitter(s) not installed.
- Replace batteries.
- Start a manual search for the transmitter.
- Select another location for the transmitter/indoor unit.
- Reduce the distance required for data transmission between the transmitter and the indoor unit.
- Check if there is any source of interference nearby.

Unable to connect to the weather station via WiFi/Bluetooth:

- Follow the instructions in the Tuya Smart app.
- Check that the weather station is actually in Access Point (AP) mode. You can tell it by the "AP" sign on the display to the right of the time. If it has been displayed for a long time (more than about 10-15 minutes), restart the weather station (unplug it and remove the batteries, then plug it back in).
- Check that the WiFi network is on the 2.4 GHz frequency.

If the device fails to work despite these measures, contact the supplier from whom you purchased it.

WASTE DISPOSAL

This product has been manufactured using high-grade materials and components which can be recycled and reused.
Never dispose of empty batteries and rechargeable batteries in household waste.
As a consumer, you are legally required to take them to your retail store or to an appropriate collection site depending on national or local regulations in order to protect the environment.
The symbols for the heavy metals contained are:
Cd=cadmium, Hg=mercury, Pb=lead
This instrument is labeled in accordance with the EU Waste Electrical and Electronic Equipment Directive (WEEE).
Please do not dispose of this instrument in household waste. The user is obligated to take end-of-life devices to a designated collection point for the disposal of electrical and electronic equipment, in order to ensure environmentally-compatible disposal.

SPECIFICATIONS

Base station

Power consumption:	Power adapter (DC 5V 1A, included) 3x 1.5 V battery type AAA (only backup, in case of pure battery operation online functions, e. g. weather forecast, are not available)
Measuring range temperature:	-9,9°C…+50°C
Temperature accuracy:	± 1°C
Measuring range humidity:	1...99 % rH
Humidity accuracy:	± 5% (in range 40...80 % rH, otherwise ± 7 %)
WiFi specification:	802.11 b/g/n, 2.4 GHz
Dimensions:	207 x 142 x 27 mm
Weight:	337 g (device only)

Wireless transmitter

RF transmission range:	Max. 100 m in an open area
Transmission frequency:	433 MHz
Power consumption:	2x 1.5 V battery type AAA
Measuring range temperature:	-40°C…+70°C
Temperature accuracy:	± 1°C (in range -9,9...+50 °C, otherwise ± 2°C)
Measuring range humidity:	1...99 % rH
Humidity accuracy:	± 5 % rH (in range 40...80 rH, otherwise ± 7 % rH)
Dimensions:	105 x 40 x 27 mm
Weight:	43 g (device only)

Manufacturer: Bibetus, s.r.o., Loosova 262/1, Brno 638 00

This product is in compliance with the essential requirements and other relevant provisions of EMC directive 2014/30/EU. The device was approved for use in EU countries, therefore, bear the CE. All necessary documentation is available at the importer address.

Hereby, Bibetus s.r.o. declares that the radio equipment typ Airbi FORECAST (model YT60275) is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.airbi.cz.

www.airbi.cz

07/2025