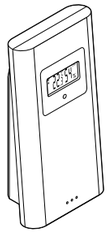
Professional weather station

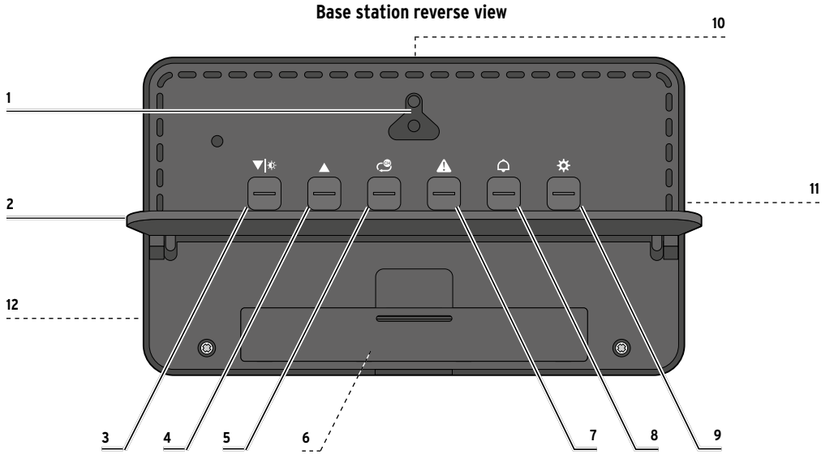
en Instructions for use



Product number: 721 341, 722 141

Made exclusively for: Tchibo GmbH,
Überseering 18, 22297 Hamburg,
Germany

Base station reverse view



1 Hanging eyelet

2 Stand

3 ▼|☼ button
- Set values (decrease)
- Dim display lighting in 4 intervals or switch it off.
- Manually start/pause radio transmission to the time signal transmitter

4 ▲ button
- Set values (increase)
- Deactivate/activate the alarm function
- Display the measured highest/lowest temperature and highest/lowest air pressure

5 button
- Manually start/pause radio transmission to the radio-controlled outdoor sensor
- Select the transmission channel of the radio-controlled outdoor sensor

6 Battery compartment

7 ⚠ button
- Set the temperature and humidity alarm
- Activate/deactivate the temperature and humidity alarm

8 button
- Set the alarm clock

9 ☼ button
- Activate settings mode
- Save settings

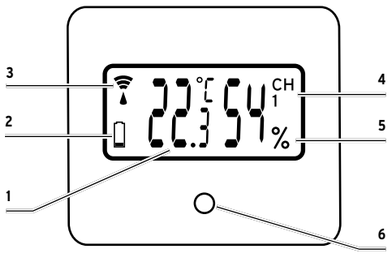
10 ☼ / ZZ button (top)
- Switch on the display backlight for 15 seconds
- Activate alarm repeat (snooze function)
- Set night mode for display lighting

11 Display (front)
- See the "Base station display screen" section

12 Power supply connection socket

Radio-controlled outdoor sensor

Front display



1 Temperature in °C or °F

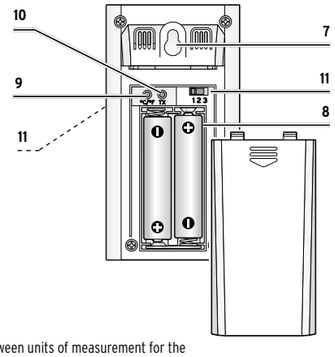
2 Symbol for low battery level

3 Symbol for radio connection to the base station (only visible for the current data transmission)

4 Transmission channel in use

5 Humidity in percent

Back



6 Indicator light

7 Hanging eyelet

8 Battery compartment

9 **°C/°F** button: Switch between units of measurement for the temperature (degrees Celsius / Fahrenheit)

10 **TX** button: manually start data transmission to the base station

11 Select transmission channel

Dear Customer

Your new weather station with its colour display will supply you with a wide range of meteorological data.

The outdoor sensor provided transmits weather data from outside to the base station inside the house via radio. The display on the base station shows you the measured and transmitted values clearly and in colour and forecasts the current weather trend for the next few hours.

We hope you will be entirely satisfied with your new weather station.

Your Tchibo Team

About these instructions

Read the safety warnings carefully and only use the product as described in these instructions to avoid accidental injury or damage.

Keep these instructions for future reference. If you give this product to another person, remember to also include these instructions.

Symbols used in these instructions:

⚠ This symbol warns you about the risk of injury.

This symbol indicates additional information.

Safety warnings ⚠

Intended use

The weather station displays various weather data, such as temperature and relative humidity, taken from the immediate surroundings of the base station and outdoor sensor. These values are then used by the station to compile weather trends.

The weather station also displays the air pressure, the date and the time.

The base station must not be exposed to moisture. Only place it in dry, enclosed rooms.

The outdoor sensor is suitable for outdoor use.

Use the product only in moderate climatic conditions.

It has been designed for home use and is not suitable for commercial purposes.

Danger to children

- Swallowing batteries can be fatal. If a battery is swallowed, it can cause severe internal chemical burns and even death within 2 hours. Therefore, keep both new and old batteries and the product out of the reach of children. If you think that a battery has been swallowed or has got into the body in any other way, seek medical advice immediately.
- Keep all packaging material out of the reach of children. They pose several risks, including the risk of suffocation!

Danger due to electricity

- If you want to attach the outdoor sensor or the base station to a wall: Make sure there are no pipes or cables running through where you intend to drill the holes!
  The product is suitable for mounting only at heights ≤ 2 m.
- Never immerse the product in water or other liquids as this poses a risk of electric shock.
- Do not touch the mains adapter with wet hands.
- Only connect the base station to a properly installed power socket with a mains voltage that complies with the technical specifications of the mains adapter. The power socket used must be easily accessible so that you can quickly disconnect the mains adapter whenever necessary. Route the connection cable in a way that prevents it from becoming a tripping hazard.
- Disconnect the mains adapter from the power socket, ...
  ... if malfunctions occur during use,
  ... if you do not use the device for a long period of time,
  ... during thunderstorms and
  ... before cleaning the device.
  To disconnect the mains adapter from the socket, always pull the mains adapter itself, not the connection cable.
- The connection cable must not be kinked or crushed. Keep the connection cable away from hot surfaces and sharp edges.
- Do not use the device if the device or connection cable shows visible signs of damage or if the device has fallen down.
- Use only the mains adapter provided.
- Do not make any modifications to the product. Only have repairs to the base station, outdoor sensor, mains adapter or connection cable carried out at a specialist workshop.
- To disconnect the product fully from the mains power, unplug the mains adapter from the power socket. Ensure that the power socket is easily accessible so that you can disconnect the mains adapter quickly if necessary.

WARNING – risk of fire/explosion

- Single-use batteries must not be charged, disassembled or crushed. Do not throw them into fire or a hot oven, and do not short-circuit them.
- Clean the contacts on the batteries and device as required before inserting them. Danger of overheating!
- Warning! Batteries can explode when inserted incorrectly. Ensure that the polarity (+/-) is correct when inserting batteries.
- Batteries exposed to excessive heat, direct sunlight or extreme temperatures may explode or release flammable liquids or gases. Protect batteries from excessive heat, direct sunlight and extreme temperatures.
- Batteries exposed to extremely low air pressure (such as at high altitudes) may explode or release flammable liquids or gases.
- Warning! Inserting the wrong type of battery poses a risk of explosion. Use only batteries of the same or of equivalent type (see the technical specifications).

Risk of injury

- If a battery has leaked, avoid contact with skin, eyes and mucous membranes. If necessary, rinse the affected areas with water and consult a doctor immediately.

Material damage

- Protect the base station and the outdoor sensor from dust, impacts, extreme temperatures and direct sunlight.
- The outdoor sensor is suitable for outdoor use and complies with protection type IPX4. This means that it is protected against drops and splashes of water, such as rain. Nevertheless, position it in such a way that it is protected from the weather (see "Selecting a location for the device").
- Remove the batteries from the product when they are flat. This will avoid damage that may be caused by leakage.
- Always replace all batteries at the same time. Do not mix old and new batteries, different types or brands of battery, or batteries with different capacities.
- Do not use caustic or solvent-based cleaning products.

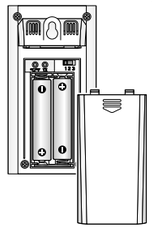
About the time signal transmitter DCF77

This radio-controlled weather station receives its radio signals from the time signal transmitter DCF77. This emits the precise and official time in Germany on its long wave frequency of 77.5 kHz. The transmitter is located in Mainflingen, near Frankfurt on Main, and the signal is transmitted over a range of up to 2000 km, providing most radio-controlled clocks and watches in western Europe with necessary radio signals.

Prior to first use

- Set up the outdoor sensor first and then the base station. Keep both devices approx. 1 to 2 metres apart when setting them up.
- Do not use rechargeable batteries, as their voltage is too low (only 1.2 V instead of 1.5 V). Among other things, this can affect the accuracy of the measurements.
- Remove the protective films from the displays.

Outdoor sensor – inserting the batteries



1. Slide the battery compartment cover down as far as it will go and lift it off.
2. Insert the supplied LR03/1.5 V batteries into the battery compartment as illustrated. Ensure that the polarity (+/-) is correct.
   On the display of the outdoor sensor, all data will appear briefly and the red indicator light below the display will light up once briefly.
3. Place the battery compartment cover back onto the battery compartment and slide it upwards as far as it will go. You should hear and feel it click into place.

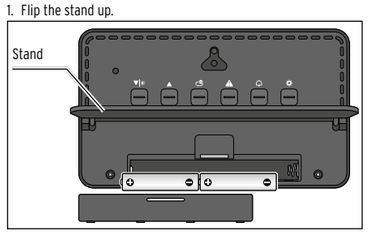
The outdoor sensor is ready for operation.

Base station - inserting batteries or connecting to the mains power

- Remove the protective film from the display.
- You can operate the base station with batteries (not included) **or** by connecting it to the mains power. Do **not** operate the base station with batteries and by connecting it to the mains power **at the same time**.
  When connected to the mains power, the display of the base station remains permanently illuminated unless you have turned off the display lighting (see the chapter "Display lighting").
- If the base station is connected to the mains power, it will be operated by the mains power, even if batteries are also inserted.

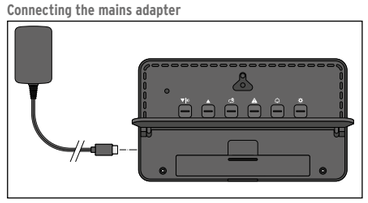
Inserting batteries

1. Flip the stand up.



2. Reach into the recess, lift the battery compartment cover, and remove it.
3. Insert 2x LR03/1.5V batteries (not included) into the battery compartment as illustrated. Ensure that the polarity (+/-) is correct.
4. Reinsert the battery compartment cover and press it firmly into place. You should hear and feel it click into place.

Connecting the mains adapter



1. Connect the mains adapter to the base station as illustrated.
2. Insert the mains adapter into a power socket.

Receiving the radio signal from the outdoor sensor

Once the batteries have been inserted into the base station or the base station has been connected to the mains power, all display indicators will briefly appear, the display will light up momentarily and an audible signal will sound.

CH:1 The base station will now search for the radio signal from the outdoor sensor. You will recognise this by the corresponding symbol.

After a short time, the data from the outdoor sensor will be received and will appear in the top left area of the display (**OUTDOOR**). This data will now be constantly updated and transmitted.

Receiving the radio signal from the time signal transmitter

After the radio signal from the outdoor sensor has been received, the base station will try to receive the radio signal from the DCF77 time signal transmitter.

While the base station attempts to receive the radio signal, the display will turn dark and the radio wave symbol ▲ will flash on the display. It may take a few minutes for the reception attempt to start.

While the radio signal is being received, only the buttons ▼|☼ and ☼ / ZZ can be used. All other buttons are deactivated during this time.

If the radio signal is successfully received, the date, the day of the week, the time and the radio wave symbol will be shown continuously at the bottom of the display.

The number of radio waves shows the reception quality: the more radio waves that are shown, the better the reception.

Starting immediately, the base station automatically starts to receive the signal every night. The time shown on the display may therefore be adjusted.

If a strong signal has not been received, the process will stop after a few minutes. The radio wave symbol is no longer displayed.
In this case, the time continues as normal (starting from ***00:00***). The device will automatically restart attempting to receive a signal at a later time.

If you have problems receiving a signal

General

The following devices must not be in direct proximity to the base station and the radio-controlled outdoor sensor:
computers, televisions, fluorescent tubes, cordless telephones and base stations from cordless telephones.

Radio-controlled outdoor sensor

- The distance between the base station and the radio-controlled outdoor sensor must be no greater than 60 metres.
- Materials such as reinforced concrete restrict reception significantly.
- Do not place the base station and outdoor sensor directly on the floor or ground.
- When the temperature outside is low, the battery power in the outdoor sensor may decrease. This reduces the range.
- If the base station is not receiving data from the radio-controlled outdoor sensor, --.- and -- appears on the display. If this happens, start radio reception manually; see "Manually starting radio reception for the radio-controlled outdoor sensor".

Time signal transmitter

- Set up the base station close to a window if possible.
- Manually start the radio reception again, referring to the section "Manually starting radio reception for the time signal transmitter".
- Wait until the base station automatically switches to receiving a signal. The reception is usually better at night than during the day. Stormy weather or maintenance work on the time signal transmitter may also cause transmission problems.
- In rare cases, the base station may receive radio signals from two time signal transmitters. This is not an error. If this is the case, change the location of the base station.
- If there is no reception where you have placed the base station, you will have to manually enter the data. Refer to the section "Manually setting the time and date".

Manually starting radio reception for the radio-controlled outdoor sensor

If the left area of the display shows **--.-** and **--**, no signal is being received from the radio-controlled outdoor sensor.

▷ Press and hold the button for approx. 3 seconds to manually start radio reception for the radio-controlled outdoor sensor.

CH:1 The base station will now search for the radio signal from the outdoor sensor. You will recognise this by the corresponding symbol.

After a short time, the data from the outdoor sensor will be received and will appear in the top left area of the display (**OUTDOOR**).

Manually starting radio reception for the time signal transmitter

If the radio wave symbol is not displayed, the signal from the time signal transmitter is not (or is no longer) being received. However, the time display continues to run accurately.

▷ Press and hold the ▼|☼ button for approx. 2 seconds to manually start the radio transmission to the time signal transmitter. While the base station attempts to receive the radio signal, the display will turn dark and the radio wave symbol ▲ will flash on the display. The display lights up again when the attempt to receive the radio signal is complete.

Please note:

- If reception was not successful, the radio wave symbol will disappear again after a few minutes.
- If reception was successful, the displayed time will adjust to the time from the time signal transmitter.
  The radio wave symbol lights up continuously.
  If you have already set the time and date manually, these settings will be adjusted automatically.

Manually setting the time and date

- If more than 20 seconds pass between pressing two buttons, the settings process will end and you will have to repeat it.
- If you press and hold the ▲ or ▼|☼ button, the displayed values will increase or decrease more quickly.
- To exit settings mode early, press and hold the ☼ / ZZ button for 2 seconds. The previously made settings will be saved.

1. Press and hold the ☼ button for approx. 2 seconds until ***°C*** (unit of measurement for temperature) flashes at the bottom of the display.
2. Use the ▲ or ▼|☼ buttons to switch to ***°F*** and back.
3. Press the ☼ button to save the setting. ***HPA*** (unit of measurement for air pressure) flashes on the display.
4. Use the ▲ or ▼|☼ buttons to switch to ***InHg*** and back.
5. Press the ☼ button to save the setting. The radio wave symbol appears on the display and ***ON*** flashes.
6. Use the ▲ or ▼|☼ buttons to turn the automatic radio signal reception on or off.
   Proceed as described:

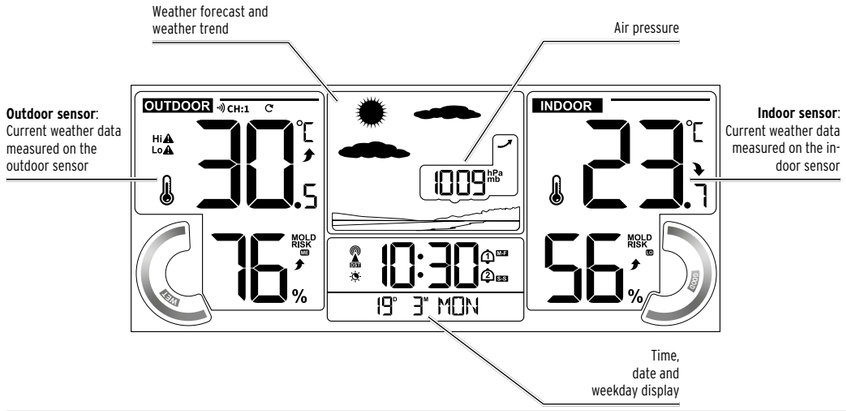
▷ Press the ▲ or ▼|☼ button to set the desired value.

▷ Press the ☼ button to save the setting.

7. Carry out the following settings:
   - ***DST*** (Daylight Saving Time = summer time)
   - The time zone you are located in (for European mainland select ***00***)
   - Time format (***24Hr*** or ***12Hr***)
   - Hours
   - Minutes
   - Date format (day/month or month/day)
   - Year
   - Month
   - Day
   - Language (***GER*** (German) › ***FRE*** (French) › ***SPA*** (Spanish) › ***ITA*** (Italian) › ***DUT*** (Dutch) › ***DAN*** (Danish) › ***POR*** (Portuguese) › ***NOR*** (Norwegian) › ***SWE*** (Swedish) › ***POL*** (Polish) › ***FIN*** (Finnish) › ***CZE*** (Czech) › ***HUN*** (Hungarian) › ***RUS*** (Russian) › ***ENG*** (English). The language setting only applies to the display of the day of the week.
   - Current air pressure
   - Current weather (***HPA***)

▷ Then press the ☼ button to end the process.

Base station front: Display



Selecting a location for the device

Refer to the section "If you have problems receiving a signal" under "Prior to first use".

The base station and the radio-controlled outdoor sensor have an eyelet on the back to hang them up.

Setting up/hanging up the base station

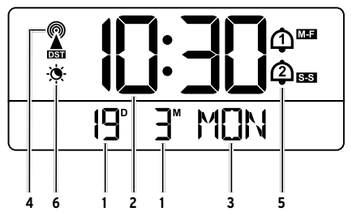
▷ Set up or hang up the base station close to a window if possible. Reception is generally best there.

Setting up/hanging up the radio-controlled outdoor sensor

▷ Place or hang the outdoor sensor somewhere where it is protected from weather conditions (rain, sunshine, wind, etc.). Suitable places are underneath a canopy or in a carport.

Base station display screen

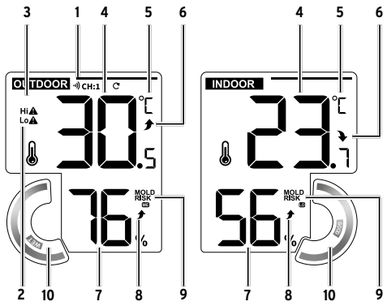
Date and time display



1 Day and month (or month and day)
2 Current time in 12-hour or 24-hour format
When using the 12-hour format, the morning hours are marked with ***AM*** and the afternoon/evening hours are marked with ***PM***.
3 Current day of the week
4 Symbol for radio reception on the time signal transmitter
If ***DST*** is also displayed, it is currently set to summer time (Daylight Saving Time)
5 The alarm function is activated (see the "Alarm clock" chapter)
6 Night mode is activated (see the "Display lighting" chapter)

Weather data

The information displayed for the **outdoor sensor** and **indoor sensor** areas is largely identical.



1 Radio reception signal for outdoor sensor
2 The temperature and humidity alarm is active; see "Temperature and humidity alarm"
3 The frost alarm has been triggered (temperatures around freezing have been detected – only possible outdoors); see "Frost alarm"
4 Temperature in **°C** or **°F**
5 Unit of measurement for the temperature (**°C** or **°F**)
6 Temperature trend; see "Temperature and humidity trends"
7 Humidity in percent
8 Humidity trend; see "Temperature and humidity trends"
9 Mould risk
10 Comfort level

Weather forecast and weather trend

After using the device for the first time, the details for the weather forecast cannot be used for approx. 12 hours, as the weather station needs to collect and evaluate the weather data during this time.

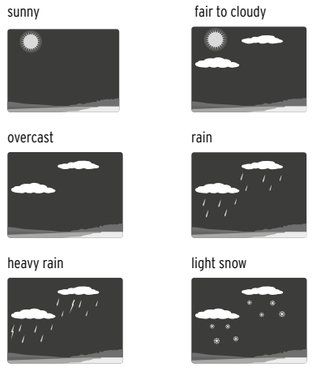
The weather forecast is created using the data collected and the recorded changes in air pressure.

The forecast applies to the area around the weather station with a radius of approximately 12 to 20 km for the next 12 hours.

The weather station requires approximately 7 to 10 days for air pressure calibration. After calibration, the accuracy of the weather forecast is approximately 75%.

Of course, this weather forecast cannot replace a professional, satellite-based weather forecast. It only provides a general weather trend for a small local area.

Consult the weather forecasts provided by your local weather service. If the forecast differs from the forecast on this weather station, the forecast from your local weather service should be considered authoritative.



In combination with the air pressure, more weather conditions are possible.

Rising air pressure
Constant air pressure
Falling air pressure

Two examples:

The weather forecast shows "overcast" and the air pressure is falling quickly and significantly ›› rain is likely.

The weather forecast shows "overcast", the air pressure has been rising in the last 12 hours but in the last 3 hours it has fallen again slightly ›› light cloud is likely.

Air pressure display

The current air pressure is shown in the unit of measurement selected (the usual unit: hPa = hectopascal).

Temperature and humidity trends

For the temperature and humidity values measured by the base station and radio sensor, the trend is shown as an arrow:

Rising
Falling

Temperature and humidity alarm

The **Hi** ⚠ or **Lo** ⚠ symbol in the respective area of the display indicates that the temperature and humidity alarm is activated.

Setting the MIN/MAX temperatures for the temperature and humidity alarm

1. Press the ⚠ button to call up the temperature and humidity alarm display (**INDOOR**).

In this display, you can cycle through the individual values in the following order by pressing the ⚠ button:
Humidity alarm upper limit ***Hi*** and lower limit ***Lo*** (**INDOOR**) › Temperature alarm upper limit ***Hi*** and lower limit ***Lo*** (**OUTDOOR**) › Humidity alarm upper limit ***Hi*** and lower limit ***Lo*** (**INDOOR**) › Standard display.

2. Starting from the temperature and humidity alarm display, press and hold the ⚠ button for approx. 2 seconds until the temperature alarm upper limit ***Hi*** flashes on the display and **INDOOR** is displayed.
3. Use the ▲ or ▼|☼ buttons to set the desired temperature alarm upper limit for the base station.
4. Press the ⚠ button to save the setting. The temperature alarm lower limit ***Lo*** flashes on the display.
5. Use the ▲ or ▼|☼ buttons to set the desired temperature alarm lower limit.
6. Press the ⚠ button to save the setting. The humidity alarm upper limit ***Hi*** flashes on the display.
7. Perform the following settings as described using buttons ▲ or ▼|☼ and ⚠:
   - Humidity alarm upper limit ***Hi*** (***INDOOR***)
   - Humidity alarm lower limit ***Lo*** (***INDOOR***)
   - Temperature alarm upper limit ***Hi*** (**OUTDOOR**)
   - Temperature alarm lower limit ***Lo*** (**OUTDOOR**)
   - Humidity alarm upper limit ***Hi*** (**OUTDOOR**)
   - Humidity alarm lower limit ***Lo*** (**OUTDOOR**).
8. Press the ⚠ button to save the setting.

Activating/deactivating the temperature and humidity alarm

1. Press the ⚠ button to call up the temperature and humidity alarm display.

The temperature and humidity alarm is activated and deactivated using the ▲ button.

2. Briefly press the ▲ button repeatedly until the symbol **Hi** ⚠, **Lo** ⚠ or **Hi** ⚠ **Lo** ⚠ appears or disappears in the upper right corner of the display in the temperature alarm lower limit ***Lo*** (**INDOOR**) area.

The temperature and humidity alarm is activated or deactivated.

1. Press the ⚠ button to activate the alarm for the humidity alarm lower limit ***Lo*** (**INDOOR**). Set it to on or off using the ▲ button as described.
2. You can now activate the humidity alarm for the humidity alarm lower limit ***Lo*** as described.
3. Press the ⚠ button to activate the alarm for the temperature alarm upper limit ***Hi*** (**OUTDOOR**). Set it to on or off using the ▲ button as described.
4. Press the ⚠ button to activate the alarm for the temperature alarm lower limit ***Lo*** (**OUTDOOR**). Set it to on or off using the ▲ button as described.
5. Press the ⚠ button to save the setting.

When the set temperature or humidity range is reached, alarm tones will sound, the symbol for the temperature or humidity alarm upper limit **Hi** ⚠ or lower limit **Lo** ⚠ and the temperature or humidity display in the respective area will flash.

▷ Press any button on the base station to stop the alarm tones.

As long as the measured temperature/humidity is higher or lower than the set temperature and humidity alarm upper or lower limit, the **Hi** ⚠ or **Lo** ⚠ symbol will continue to flash along with the temperature or humidity display.

Frost alarm

The temperature range for the frost alarm is between -1°C and +2.9 °C (+30.2 °F to +37.3 °F).

ice This symbol is shown at the top of the display in the **outdoor sensor** area.

Even if the frost alarm symbol does not appear on the display, there is always a risk of frost and ice when the temperature is around freezing. The outdoor sensor can only measure the local temperature where you have set it up.

Comfort level

The comfort level is determined for both the base station and the outdoor sensor based on the temperature and humidity values.

It is displayed in the **INDOOR** and **OUTDOOR** areas across five comfort levels:

TOO DRY	< 35%
DRY	35 – 44%
GOOD	45 – 65%
WET	66 – 80%
TOO WET	> 80%

Mould risk

The base station determines the risk of mould growth based on humidity levels.

It is displayed in the **INDOOR** and **OUTDOOR** areas alongside the humidity display across four levels:

high (***HI***), medium (***ME***), low (***LO***) and no risk (nothing displayed).

Measured highest and lowest temperatures/humidity

The base station stores the highest and lowest measured temperatures as well as the highest and lowest measured humidity levels.

▷ Press the ▲ button several times to display the saved values. The values are displayed as ***MIN*** or ***MAX***.

Deleting stored values

▷ Press and hold the ▲ button for approx. 3 seconds to delete all saved values.

Alarm clock

Setting the alarm clock

1. Press and hold the 🔔 button for approx. 2 seconds until ***AL1*** and the alarm hour indicator start flashing at the bottom of the display.
2. Use the ▲ or ▼|☼ buttons to set the desired hour of the alarm.
3. Press the 🔔 button again. The minute display for the alarm time 🔔 flashes.
4. Use the ▲ or ▼|☼ buttons to set the desired minute of the alarm.
5. Press the 🔔 button again. The days of the week (***M–F***, ***S–S*** or ***M–F S–S***) flash in the display.
6. Use the ▲ or ▼|☼ buttons to set the days of the week you wish to be woken up.
7. Press the 🔔 button again. The minutes for the alarm repetition (snooze time) flash.
8. Use the ▲ or ▼|☼ buttons to set the desired number of minutes for alarm repetition (snooze function) between 5 and 60 minutes or turn alarm repetition off (***OFF***).
9. Press the 🔔 button again. The hour display for the alarm time 🔔 flashes.
10. Set the desired alarm time values 🔔 as described.
11. Then press the 🔔 button to save the settings.

Switching the alarm function on and off

1. Briefly press the 🔔 button repeatedly until ***AL 1*** or ***AL 2*** is shown on the display, depending on which alarm you want to activate.
2. Press ▲.

The symbol for the alarm clock 🔔 or 🔔 and the days of the week on which the alarm is set will be displayed to the right of the alarm time.

The alarm function is activated.

▷ To deactivate the alarm function, press ▲ again.

The alarm clock symbol and the days of the week disappear.

Waking up

You will be woken up by an alarm at the time you have set. The alarm will keep increasing in intensity the longer it goes on.

Switching the alarm off fully

Press any button on the base station (except the ☼/ᶻᶻ button) to stop the alarm. The alarm will sound again after 24 hours.

Auto-stop function

If you do not press any button, the alarm will switch off automatically after 2 minutes. The alarm will sound again after 24 hours.

Repeating the alarm (snooze function)

▷ Briefly press the ☼/ᶻᶻ button once when the alarm is sounding.

The alarm signal goes silent and the alarm symbol 🔔 or 🔔 and ᶻᶻ flash on the display. After the previously set minutes for repeating the alarm, the alarm will sound again. This can be repeated multiple times.

Display lighting

Switching on / dimming the display lighting

▷ Press the ☼/ᶻᶻ button to switch on the display lighting on the base station for approx. 15 seconds.

▷ Briefly press the ▼|☼ button to dim the display lighting across four levels or turn it off.

If you are operating the base station on batteries only, it is recommended to turn off the display lighting and activate the display as needed by pressing the ☼/ᶻᶻ button to preserve battery capacity.

Setting automatic night mode

You can set the display lighting to automatically switch to a darker night mode.

1. Press and hold the ☼/ᶻᶻ button for approx. 2 seconds. The night mode symbol ☼ appears on the display and ***ON*** or ***OFF*** starts flashing.
2. Use the ▲ or ▼|☼ buttons to switch night mode on or off.
3. Press the ☼ button to save the setting. The last set brightness level starts flashing on the display.
4. Use the ▲ or ▼|☼ buttons to set the desired brightness level.
5. Press the ☼ button to save the setting. The hour at which the display dimming should begin starts flashing on the display.
6. Perform the following settings as described using buttons ▲ or ▼|☼ and ☼:
   - The hour at which night mode should begin (***ENT***)
   - The minute at which night mode should begin (***ENT***)
   - The hour at which night mode should end (***EXT***)
   - The minute at which night mode should end (***EXT***).

Cleaning

▷ Wipe the base station and outdoor sensor clean with a slightly damp cloth.

Problems / solutions

The DCF77 signal for the time cannot be received.	• Check the location you have selected. • Start the radio reception manually if necessary. • Set the time and date manually.
The temperature value from the sensor seems too high.	• Check if the sensor is exposed to direct sunlight.
The display shows ***H.HH*** or ***LL.L*** instead of the measured values for temperature and ***95%RH*** or ***20%RH*** (indoor sensor only) for humidity.	• The values exceed / fall below the measurement range.
The time differs by 1, 2, 3 etc. hours.	• You have probably set the wrong time zone. The default setting is ***00***.
The base station does not receive a signal from the outdoor radio sensor.	• Check the batteries in the sensor. • Move the base station closer to the sensor, or vice versa. • Check whether the channel selection switch on the outdoor sensor is set to the same channel number as the number in the upper left of the display in the **OUTDOOR** area. If necessary, briefly press the button several times to switch between the channels.

Technical specifications

Model:	721 341, 722 141
Base station	
Single-use batteries:	2x LR03 (AAA) / 1.5 V (Zn/MnO_2) (not included)
Measurement range	
- Temperature:	-9.9 °C to +50 °C (14.2 °F to 122 °F)
- Air pressure:	850 hPa/mb-1100 hPa/mb or 25.10 inHg-32.48 inHg
- Humidity:	20 % to 95 %
Radio-controlled outdoor sensor	
Batteries:	2x LR03 (AAA) / 1.5 V (Zn/MnO_2)
Measurement range	
- Temperature:	-40 °C to 70 °C (-40 °F to 158 °F)
- Humidity:	1 % to 99 %
Maximum transmission power emitted:	< + 10 dBm
Transmission frequency:	433.92 MHz
Transmission range:	approx. 60 metres (in open spaces)
IP code:	IPX4
Mains adapter	
Model:	HX13WE-0501200-AG
Manufacturer:	(Dong Guan Shi Jie Hua Xu Electronics Factory, No.200, Technology East Road Shjile Town, 523290 Dongguan City, Guangdong, PEOPLE'S REPUBLIC OF CHINA)
Input:	100–240 V~ 50/60 Hz 0.5 A Max.
Output:	5.0 V ⎓ 1.2A 6.0W (The ⎓ symbol stands for direct current)
Efficiency in operation Ø:	≥ 75%
Power in off mode:	≤ 0,1 W

When the product is operated with the mains adapter supplied, the maximum no-load power consumption is 0.6 W, which meets the applicable EU energy conservation requirements (≤ 0.80 W). The product does not have a standby or off mode.

Protection class: II ⧈

Made exclusively for: Tchibo GmbH, Überseering 18, 22297 Hamburg, Germany

Declaration of Conformity

Tchibo GmbH hereby declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU at the time of its being placed on the market. The complete text of the EU Declaration of Conformity can be found by entering the product number (**721 341, 722 141**) at www.tchibo.de/instructions.

Disposal

The product, its packaging and the supplied batteries have been manufactured from valuable materials that can be recycled. Recycling reduces the amount of refuse and preserves the environment.

Dispose of the **packaging** at a recycling point that sorts materials by type. Make use of the local facilities provided for collecting paper, cardboard and lightweight packaging.

Devices, **single-use batteries** and **rechargeable batteries** marked with this symbol must not be disposed of along with household waste! You are legally obliged to dispose of old devices separately from household waste. Electronic devices contain hazardous substances, and if stored or disposed of improperly, may cause harm to health and the environment. Information about collection points where old devices can be disposed of free of charge is available from your local authorities. Flat single-use and rechargeable batteries must be handed in at a local authority collection point or returned to a battery retailer. Tape off the contacts of lithium single-use/rechargeable batteries prior to disposal.

Information about the supplied batteries

Manufacturer:
CHANGZHOU ANYIDA POWER TECHNOLOGY CO., LTD
No.1 East Road, Louxia Industrial Park, Rulin Town, Jintan District, Changzhou, Jiangsu Province, China
www.anyida-power.com
zoey@anyida-power.com
Trademark: Daily-Max LR03 AAA size 1.5 V
Manufacturing date: 2025/06
Made in: China

www.tchibo.de/instructions (Please enter the product number in the box labelled "Bedienungsanleitungssuche" and click on "Suchen".)