

Before you start using your new appliance, please read these operating instructions carefully. It contains important information for your safety as well as for the use and care of the appliance.

Keep the operating instructions for future use. If this appliance is passed on to a third party, these operating instructions must also be handed over. These instructions can also be downloaded from our website as a pdf file:

**[www.technotrade-berlin.de](http://www.technotrade-berlin.de)**

### Introduction

You have purchased a weather station with the innovative DirektWetter technology. Weather specialist developed this world first, which helps your station to receive regional weather forecasts produced professional meteorologists.

In addition, the local outdoor temperature is transmitted to the base station via a radio transmitter with 433.92 MHz and a range of up to 60 meters. This gives you a comprehensive picture of the current and future weather situation.

Thanks to the latest technology, the weather station is easy to operate with just a few buttons.

### For your safety

#### Intended use



This weather station is used to display and carry out the functions mentioned in the operating instructions.

The unit consists of a receiver (base station) and a transmitter. The receiver and the transmitter are battery-operated and can therefore be set up independently of power sources. A smartphone with internet access is required

to use the station with the free app.

The base station may only be used in dry indoor areas and the outdoor transmitter only in protected outdoor areas.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Children must not play with the appliance.

The appliance is intended for domestic use only and not for commercial use. This appliance must not be used for medical purposes or for providing information to the public. Use the device only for its intended purpose. It must not be modified or technically altered.

Please also note that the power adapter for the USB cable should only have a voltage of about 5 V and 1-2 A when used to power the station.

### **Explanation of symbols and terms**



#### **WARNING**

This signal icon/word indicates a hazard with a medium level of risk which, if not avoided, may result in death or serious injury.



#### **CAUTION**

This signal symbol/word indicates a low-risk hazard which, if not avoided, may result in minor or moderate injury.

### **Safety instructions**



#### **WARNING**

Danger of choking!

Children can get caught in the packaging film and put small parts in their mouths.

- Do not let children play with the packaging.
- Keep children away from small parts.
- Keep batteries and small parts away from children.

Seek medical attention immediately if a battery is swallowed.

Dangers for certain groups of people

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

- Children must not play with the appliance.

- Cleaning and user maintenance must not be carried out by children without supervision.

### Danger of explosion!!

- Never expose batteries to extreme temperatures such as direct sunlight or fire. Do not place the unit on a radiator. Leaking battery acid can cause damage.
- Always insert batteries according to the correct polarity (+ and -).
- Only use batteries of the same type with the corresponding technical data.
- Do not use old and new batteries together or batteries of different types or manufacturers.
- Do not short-circuit batteries, throw them into fire or disassemble them.
- Non-rechargeable batteries are not to be recharged.

### Danger of chemical burns!

In the event of a fault or damage, electrolyte can leak from the battery.

- Avoid any contact with leaking electrolyte.
- In the event of contact with leaking electrolyte, rinse the area immediately with clean water.
- In case of eye contact, consult a doctor immediately.

### Risk of damage!

- Do not expose the unit to extreme force or impact.
- Do not expose the unit to high temperatures, direct sunlight, dust, moisture, dripping or splashing water.
- Do not immerse the unit in water or other liquids. Do not place objects filled with liquids, such as vases, on the unit.
- Avoid contact of the unit with corrosive materials.
- Do not open the casing or tamper with any structural parts of the unit.
- This appliance does not contain any user-serviceable parts. Any maintenance must be carried out by qualified personnel.

### Disclaimer

The weather data is transmitted via your WLAN network with internet connection. The continued use of the weather station depends on the operational readiness of the transmission media, over which the seller has no influence. Failures of the transmission media are not excluded. They do not represent a defect of the device.

The seller also has no influence on the transmitted weather data and weather forecasts. The manufacturer and dealer accept no responsibility for incorrect readings and the consequences thereof.

This device is intended for home use only and does not provide 100% accuracy. The forecasts of this device are to be understood as indicative values.

Please note that our warranty is void in the event of misuse or improper handling, non-observance of the safety instructions applicable to the unit, the use of force or interventions not carried out by the service address authorized by us.

The specifications of this unit are subject to change without notice.

This manual may not be reproduced, in whole or in part, without the written consent of the manufacturer.



### **WARNING Health hazard!**

Batteries contain acids that are harmful to health.

- Replace weak batteries as quickly as possible to avoid leakage.
- Wear coated gloves and protective goggles when handling leaking batteries!

## **Unit overview / scope of delivery**

### **Checking the scope of delivery**



### **WARNING Choking hazard!**

Children can get caught in the packaging film and put small parts in their mouths.

- Do not let children play with the packaging.
- Keep children away from small parts.

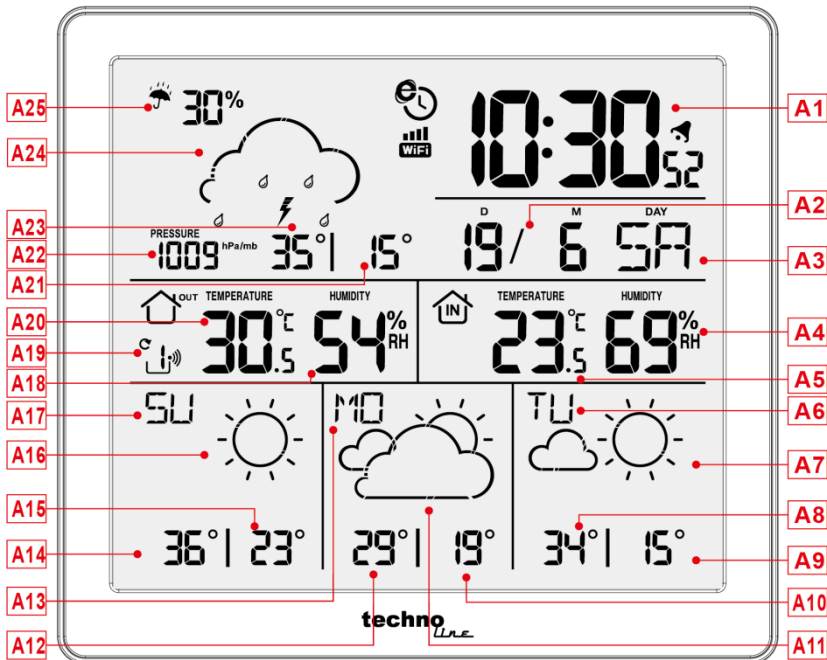
Scope of delivery:

- 1 Base station WD 2200
- 1 Outdoor sensor TX205DTH
- USB cable for base station
- 1 Operating instructions

1. Remove all parts from the packaging and check that they are complete and undamaged.

2. If any parts are damaged or missing, contact the address indicated on the package and product.

## Base station, Display





### Part A-Positive LCD


A1: Time


A2: Date and month


A3: Weekday  
A4: Indoor humidity  
A5: Indoor temperature  
A6: Weekday for the next third days  
A7: Weather forecast for the next third days  
A8: Maximum temperature forecasts for the next third days  
A9: Minimum temperature forecast for the next third days  
A10: Minimum temperature forecast for the next second days  
A11: Weather forecast for the next second days  
A12: Maximum temperature forecasts for the next second days  
A13: Weekday for the next second days  
A14: Maximum temperature forecast for tomorrow  
A15: Minimum temperature forecast for tomorrow  
A16: Weather forecast for tomorrow  
A17: Weekday for tomorrow  
A18: Outdoor humidity  
A19: Outdoor sensor channel  
A20: Outdoor temperature  
A21: Minimum temperature forecast for today  
A22: Barometric air pressure  
A23: Maximum temperature forecast for today  
A24: Weather forecast for today  
A25: Rainfall prediction probability of today


 : Network time icon

 : WIFI icon

 : WIFI signal strength indicator


 : Battery low voltage icon of base station / outdoor sensor

 : Wireless sensor reception icon

 : Outdoor sensor channel loop icon

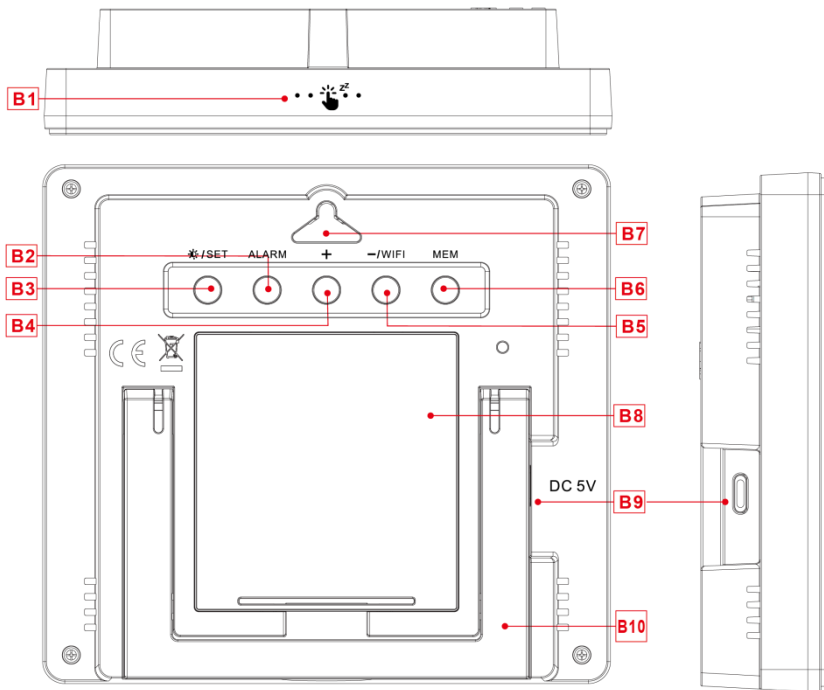
**MAX**: Display the maximum temperature and humidity record icon

**MIN**: Display the minimum temperature and humidity record icon

 : Alarm icon

**Z<sup>Z</sup>** : Snooze alarm icon

## Base station, Buttons



### Part B – Back button and power

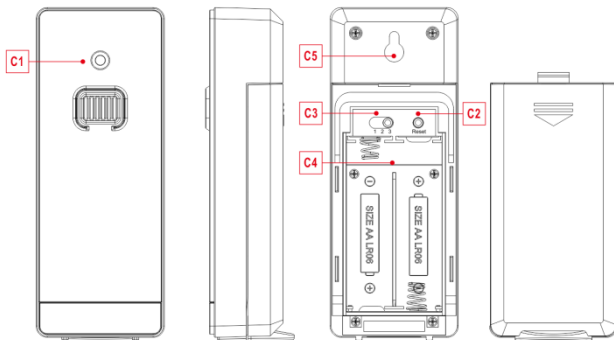
B1: “☀️⚡️Z” (SNOOZE/LIGHT) touch field

B2: “ALARM” button

B3: “☀️ / SET” (WEATHER/SET) button

- B4: “+” button
- B5: “-WIFI” button
- B6: “MEM” button
- B7: Hanging hole
- B8: Battery compartment
- B9: Support frame
- B10: DC-POWER input jack

### Outdoor sensor



### Part C –Wireless outdoor sensor:

- C1: Transmit signal LED
- C2: “RESET” button
- C3: Channel selector switch
- C4: Battery compartment
- C5: Hanging hole



## Commissioning



### **WARNING Choking hazard!**

Children can put batteries in their mouths.

- Keep batteries away from children. Seek medical attention immediately if a battery is swallowed.
- Open the wireless outdoor sensor battery compartment cover and push the channel selector switch in the battery compartment of the wireless outdoor sensor. Set the correct channel and insert 2 x AA batteries observing polarity [ “+” and “-” marks]. Channel 1 is recommended for the first sensor.
- When you insert the batteries, all the icon on the LCD display will briefly light up for 3 seconds. The wireless outdoor sensor begins to switch to the normal working mode, to detect the temperature and humidity in the environment. The sensor will transmit channel 1 wireless signal, and the interval of about one minutes will automatically transmit the channel 1 wireless signal. Each transmitted channel 1 wireless signal emission sensor indicator will flash one time.
- APP software for installing base station :

## Download App:



Hardware Requirements:

- iPhone 4s (or above) or similar smart device

Software Requirements

- iOS 7 (or above) or Android 4.3 (or above)

Download the preferred APP

This station is compatible with the apps DirektWetter and WeatherSense

**DirektWetter:**



Playstore



Appstore

**WeatherSense:**



Playstore

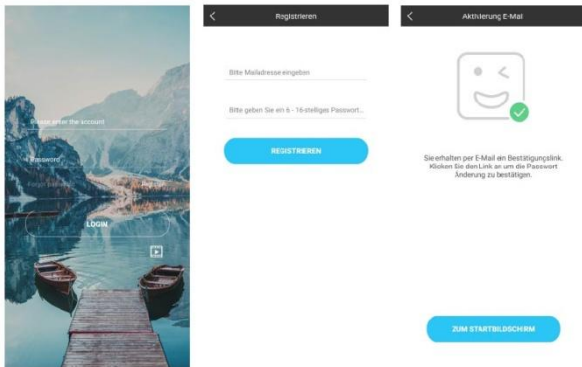


Appstore

**User registration :**

After downloading and opening the app, the program will jump out of a registration

interface, according to the registration shown below. After registration is completed, open the mailbox for account activation.



Account login interface ->

Account registration interface ->

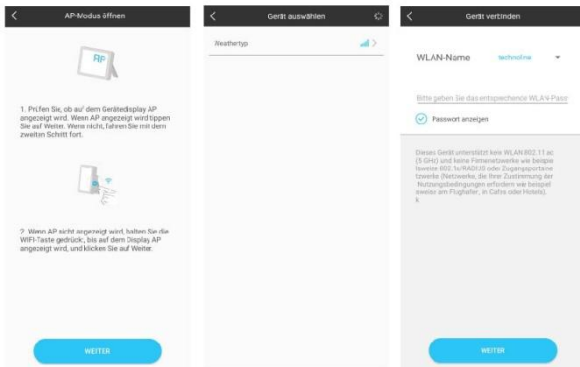
Prompt mailbox account activation ->

## Pairing with weather station device

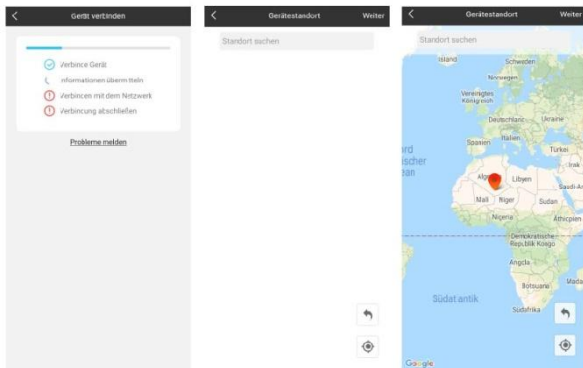
1. Login user account
2. Make sure your phone is connected to a 2.4GHz Wi-Fi network. and Bluetooth function is turned on. (WiFi weather station currently only support 2.4GHz Wi-Fi network during configuration)
3. Plug in weather station with AC/DC power, Press and hold **"WIFI"** button for 3 seconds until **"WI-FI AP"** blinking on the device display. If the device is first enabled, it will automatically enter AP mode, and **"WI-FI AP"** blinks on the display.
4. Please find and select **"Weathertyp"**.
5. Select the correct Wi-Fi network SSID and Make sure Wi-Fi password you're inputting is correct.
6. Follow the in-App instructions to pair the weather station device:  
When the notice of Device binding successful Appears in the App. The weather

station device will automatically exit AP mode. If not please press and hold “WIFI” button for 3 seconds to exit it.

7. Confirm the city of your current location:  
Make sure your phone’s location service are turned on and allowed for this App. Make sure that your current location city can be successfully located in the map. Some cities may fail to locate because there is no corresponding success in the App. You can manually move the location or be automatically positioned to a large administrative level city.
8. The device will connect to your home Wi-Fi network automatically in few minutes. Wi-Fi and signal symbol and all weather data will be displayed after Wi-Fi is successfully connected.



Make sure the device enter AP mode ->  
Select the device name “WeatherTyp” ->  
Input correct Wi-Fi password



Bind the device ->  
Device binding successful ->  
Confirm your location

*Note: The weather station has dual power supplies. It uses 4 AA batteries and a USB power supply. The WIFI function can work normally, but in order to ensure the stability of the coupling connection, USB power supply is recommended*

The base station will now start to make a connection to the outdoor remote sensor. This operation takes about 3 minutes and is displayed by a flashing reception RF antenna symbol “⊗” in the “OUT”(outdoors) display area on the receiver. The “OUT” display area will show an animation of the RF antenna symbol, indicating the base station is searching for the signal from the outdoor sensor. At the same time the base station began to establish WIFI connections (details see the WIFI connection description)

## Receiving data

### Receiving outdoor values

After inserting the batteries, the transmitter automatically starts transmitting the outdoor values to the base station. The transmission is completed after approximately one minute.

If the base station cannot receive the outdoor values, "- -" appears on the display.

1. Check the batteries and try again. Note that you must always insert the batteries in the transmitter and receiver within one minute for the restart.
2. Avoid close proximity to solid metal objects and other electrical devices (televisions, computers, radio telephones).
3. Change the distance between the transmitter and receiver (free-field range max. 60 meters, with solid walls, especially with metal parts, the transmitter range can be considerably reduced). If necessary, find a new location for the transmitter and/or receiver. "Visual contact between transmitter and receiver often improves the transmission.

If the transmission was successful, the base station display shows the outdoor temperature.

4. Place the transmitter in a shady place protected from precipitation. Direct sunlight falsifies the readings and constant wetness puts unnecessary strain on the electronic components.
5. Fix the transmitter to the wall with the holder or stand it up.
6. Set up the base station.




#### **Notes:**

The outdoor sensor can work at  $-30^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$ . Please choose the right battery according to the limit temperature of the wireless sensor:

- Alkaline zinc manganese batteries can work at  $-20^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$
- Polymer lithium ion rechargeable batteries can work at  $-40^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$ .

#### **Reception strength symbol**

Hint: The reception strength is influenced by many external factors and can fluctuate greatly over time. To select the final location of the unit, the reception quality should therefore be observed over a longer period of time.

-  - Optimum reception
-  - Good reception
-  - Poor reception

The reception strength symbol shows you the strength of the reception signal at the installation location:

- If reception is weak, transmission problems may occur. In this case, we recommend a different installation location (see "Transmission problems").








### Connecting multiple outdoor sensors

- The base station has enough channels to connect up to 3 outdoor sensors at the same time. To use the different channels, the sensor switch on the sensor itself has to match a free channel space on the base station display (1, 2 or 3).
- Press the "+" button to permanently display the channel 1, 2, 3 or the cycle mode. When the "C" icon is displayed the channels are in cycle mode and every 5 seconds a new channel will automatically be shown.
- If the base station failed to receive transmission from outdoor sensor ("- "display on the LCD), press and hold the "+" button for 3 seconds to receive transmission manually for the selected channel. The outdoor area will show an animation of the reception antenna symbol and the base station will try to receive the wireless signal of the outdoor sensor.


### Operation

#### Manual time setting:

- Press and hold the "🌞/SET" button for 2 seconds and the temperature unit °C is flashing. Press the "+" or the "-/WIFI" button to set the temperature unit in °C or °F.
- Press the "🌞/SET" button to confirm your setting and the barometric pressure unit hPa/mb is flashing. Press the "+" or the "-/WIFI" button to set the pressure unit in hPa/mb or inHg or mmHg.
- Press the "🌞/SET" button to confirm your setting, the 12/24 hour mode display starts to flash. Press the "+" or the "-/WIFI" button to set the correct 12/24 hour mode.
- Press the "🌞/SET" button to confirm your setting, the time zone start to flash. Press the "+" or the "-/WIFI" button set a correct time zone (-12 to +12).
- Press the "🌞/SET" button to confirm your setting, the hour display starts to flash. Press the "+" or the "-/WIFI" button to set the correct hour.

- Press the “/SET” button to confirm your setting, the minute display starts to flash. Press the “+” or the “-/WIFI” button to set the correct minute.
- Press the “/SET” button to confirm your setting, the month and date icon display starts to flash. Press the “+” or the “-/WIFI” button to set the date display to month/date or date/month.
- Press the “/SET” button to confirm your setting, the year display 2023 starts to flash. Press the “+” or the “-/WIFI” button to set the correct year.
- Press the “/SET” button to confirm your setting, the month display starts to flash. Press the “+” or the “-/WIFI” button to set the correct month.
- Press the “/SET” button to confirm your setting, the date display starts to flash. Press the “+” or the “-/WIFI” button to set the correct date.
- Press the “/SET” button to confirm your setting, the language selection for the weekday displays starts to flash. Press the “+” or the “-/WIFI” button to select a language.
- Press the “/SET” button to confirm your setting and end the setting procedures. The clock returns to the normal time display.

**Notes:**

- After 20 seconds without pressing any button, the clock switches automatically from setting mode to normal time display.
- When the WIFI connection is successful, the time will be automatically updated to the network time, the symbol “” will display, at the time of setting, time and time zones are not to change.
- There are 8 languages of weekday: English, German, French, Italian, Spanish, Dutch, Danish and Russian

Weekday	English (EN)	German (GE)	French (FR)
Sunday	SU	SO	DI
Monday	MO	MO	LU
Tuesday	TU	DI	MA
Wednesday	WE	MI	ME



Thursday	TH	DO	JE
Friday	FR	FR	VE
Saturday	SA	SA	SA

Weekday	Dutch (DU)	Italian (IT)	Spanish (SP)
Sunday	ZO	DO	DO
Monday	MA	LU	LU
Tuesday	DI	MA	MA
Wednesday	WO	ME	MI
Thursday	DO	GI	JU
Friday	VR	VE	VI
Saturday	ZA	SA	SA

Weekday	Danish (DA)	Russian (RU)
Sunday	SO	BC
Monday	MA	ПH
Tuesday	TI	BT
Wednesday	ON	CP
Thursday	TO	ЧТ
Friday	FR	ПТ
Saturday	LO	СБ

### Setting the daily alarm:



- Press and hold down the “**ALARM**” button for 2 seconds until hour display of the alarm time is flashing. Press the “+” or the “-/**WIFI**” button to set the alarm hour.
- Press the “**ALARM**” button to confirm your setting and the minute display of the alarm time is flashing. Press the “+” or the “-/**WIFI**” button to set the alarm minute.
- Press the “**ALARM**” button to confirm your setting and the time duration of the snooze alarm is flashing. Press the “+” or the “-/**WIFI**” button to set the desired snooze duration in minutes or to turn the snooze function OFF.
- Press the “**ALARM**” button to confirm your setting and to end the setting procedure

### Notes:

- After 20 seconds without pressing any button, the clock switches automatically from setting mode to normal time display.

- The snooze time setting range is 5 ~ 60 MIN or OFF, when set to OFF, means no snooze function. Snooze time unit is in minutes.



### Activating and deactivating the alarm

- Press the “**ALARM**” button and the alarm time is displayed. In the alarm time display mode, press the “**ALARM**” button again to activate the alarm function. A signal tone can be heard and the alarm icon “” is displayed. The alarm is activated.
- Press the “**ALARM**” button again and the alarm icon “” is no longer displayed. The alarm is deactivated.




#### Notes:

- The alarm will sound for 2 minutes if you do not deactivate it by pressing any button. In this case the alarm will be repeated automatically after 24 hours.
- Rising alarm sound (crescendo, duration: 2 minutes) changes the volume 4 times whilst the alarm signal is heard.


### Switching off the alarm signal

While the alarm is sounding, press any button except the “” touch field or press hold the “” touch field for 3 seconds to stop the alarm signal.

#### Snooze function:

- While the alarm is sounding, press the “” touch field once to activate the snooze function. The alarm signal sounds again after the set snooze duration.
- In snooze mode, press any button except the “” touch field or press and hold the “” touch field for 3 seconds to exit the snooze mode.

#### Note:

- When the snooze function is set to OFF, while the alarm is sounding, pressing the “” touch field does not have this snooze function.

### Maximum / minimum temperature / relative humidity

To toggle indoor/outdoor maximum, minimum temperature and humidity data, press the “**MEM**” button:

- Once to show the maximum temperature and humidity values.
- Twice to show the minimum temperature and humidity values.
- Three times to return to the current temperature and humidity levels.


To reset the maximum and minimum temperature and humidity, press and hold down the “**MEM**” button about 2 seconds. This will reset all minimum and maximum data recorded to the current displayed values.

#### **Notes:**


- *If the temperature reading is below ranges, the **LL.L** will be displayed. If the temperature reading is above ranges, the **HH.H** will be displayed.*
- *If the humidity reading is below ranges, the **19%RH** will be displayed. If the humidity reading is above ranges, the **96%RH** will be displayed.*

### **Background lighting**

- When the station is powered by batteries:

Press the “” touch field once and the backlight will light up with highest brightness for 15 seconds. This will not work when you are already using the backlight with the highest available brightness.

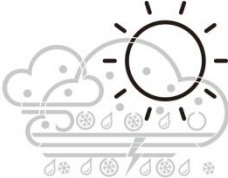





- When the station is powered by the USB cable:

Press the “/SET” button to adjust the brightness of the backlight, you can adjust to one of 4 levels: 3 different backlight brightness levels or turning off the backlight.

### **Explanation of the network weather forecast**

- After the base station is connected with the WIFI hotspot, the weather information of the base station will be updated automatically every hour after the weather forecast information obtained from the network.
- The base station automatically downloads real-time air pressure, weather forecasts for today and the next three days, and forecasts of the highest and lowest temperatures from the network.
- The base station automatically uploads the data of indoor and outdoor temperature and humidity from the base station to the server, and the APP can download the data automatically from the server through the network.
- If you use battery power, the weather station will automatically connect to the WIFI once an hour to implement the above network data upload and download. If you use DC power from USB cable, the WIFI connection will always work.

Weather forecast icon that can be displayed on the base station :

<p data-bbox="160 128 233 151">Sunny</p> 	<p data-bbox="476 128 616 151">Mostly sunny</p> 
<p data-bbox="119 375 274 397">Partly Cloudy</p> 	<p data-bbox="471 375 626 397">Mostly Cloudy</p> 
<p data-bbox="155 621 238 644">Cloudy</p> 	<p data-bbox="481 621 616 644">Patchy Rain</p> 
<p data-bbox="129 868 264 890">Mostly Rain</p>	<p data-bbox="502 868 595 890">Showers</p>



Heavy Rain



Thunder and rain



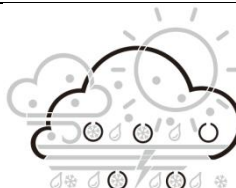
Rain and hail



Hail



Snow and hail



Patchy snow



Mostly snow



Snow shower



Heavy snow



Rain and snow



Foggy



Windy



Haze



## App interface specification :

### Front page data display :



Start screen data display 1 ->

Start screen data display 2

D1: Main menu bar

D2: Bar diagram view

D3: Location City

D4: Temperature and humidity data of the base station and weather today

D5: Quick setting of temperature and humidity alert for the base station

D6: Feel-like temperature value

D7: Today's barometer pressure

D8: Wireless remote sensor device name

D9: Battery power for wireless remote sensor devices

D10: Temperature and humidity data of the wireless remote sensor

D11: Quick setting of temperature and humidity alert for the wireless remote sensor

D12: Weather forecast for the next four days

D13: Weather forecast for the following day

D14: Today's wind speed and direction

D15: Today's sunrise and sunset tomorrow

### Data chart display :

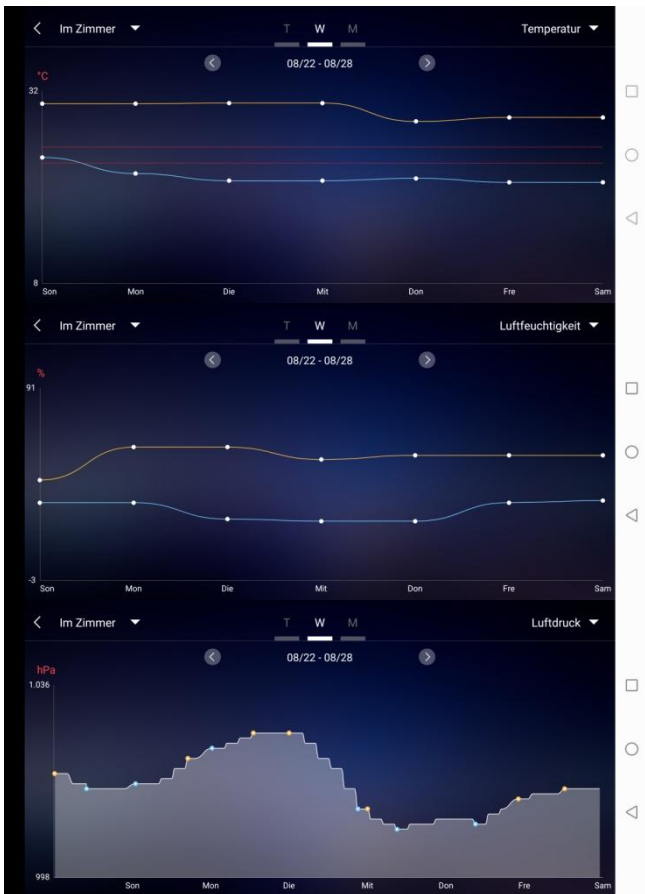
- Click on the bar diagram icon "D2" of < **Start screen data display 1** > and the APP automatically jumps to < **Data chart display** >. Click the < **MAIN** > column in the top left corner of the < **Data chart display** > and you can choose to view the data chart of the base station or wireless remote sensor
- Click on the "T" (day), "W" (week) and "M" (month) boxes on the top middle of the < **Data chart display** >, and you can choose to view the daily, weekly and monthly data charts, Slide the screen to the left or right to view data charts at different times.
- Click the "Temperature", "Humidity" and "Air pressure" on the top right side of the screen and select the historical chart record of temperature, humidity, or air pressure







Data chart presentation - Daily



EN26

# Data chart presentation – Weekly





Data chart presentation – Monthly

### Temperature and humidity alert setting

- Click on the "D5" in the home page, you can quickly enter the temperature and humidity alert settings interface of the base station.
- Set up wireless sensor for temperature and humidity alert. Click on the channel selected by "D8", and then click "D11" to quickly enter the wireless sensor temperature and humidity alarm interface to set the channel.



Temperature and humidity alert setting for main station (left) and outdoor sensor (right)

### Temperature and humidity alert

- After the temperature and humidity alarm setup is complete, click on the "V" checking icon for confirmation. The alert setting will be shared with the base station via the WiFi connection. Once an temperature or humidity alert gets activated, it will share the alarm information with the app via WiFi and the app will automatically prompt the alarm notice.

### Menu description

- Click on the "D1" in the home page, and the left side will slide out of the main menu. Click on the area or function block of the icon, which corresponds to the function settings of the table below.

**E1** Mein Gerät Neukonfiguration **E4**

Gerätstandort Wildau **E5**

MAC

Wetterstation

Gerätename In Zimmer **E6**

Alarm **E7**

Sensor1

Gerätename Sensor 1 **E6**

Alarm **E7**

Sensor2

Gerätename Sensor 2 **E6**

Alarm **E7**

Sensor3

Gerätename Sensor 3 **E6**

Alarm **E7**

Mein Gerät

Passwort ändern

Einstellung

Daten herunterladen **E12**

Hilfe **E13**

Probleme melden **E14**

V1.1.2

behaftlich

Mo

**E2** ← Passwort ändern **E2**

Bitte Mailadresse eingeben

Geben Sie Ihr neues Passwort ein

Wiederholen Sie Ihr neues Passwort

**BESTÄTIGEN**

**E2** ← Einstellung **E2**

Messereinheit

Temperatur °C **E8**

Luftdruck hPa **E9**

Wind km/h **E11**

**ABMELDEN** **E10**

- E1: Device management menu
- E2: Account password changing menu
- E3: Settings menu
- E4: Re-bonding base station
- E5: Re-positioning base station
- E6: Change device name of station/sensor
- E7: Open the temperature and humidity alert function of the station/sensor
- E8: Setting the temperature display of the unit
- E9: Setting the air pressure display of the unit
- E10: Logging off from account
- E11: Setting the wind speed display of the unit
- E12: Data download menu
- E13: Video link for help
- E14: Problem form menu for cases of error

### Low battery display





#### **WARNING Health hazard!**

Batteries contain acids that are harmful to health.

- Replace weak batteries as soon as possible to avoid leakage.
- Wear coated gloves and protective goggles when handling leaking batteries!

When the battery symbol

- “” appears in the "IN" column, please change the battery of the base station in time.
  - “” appears in the "OUT" column (Channel 1,2 or 3), please confirm the channel of the battery promptly and change the battery of the channel's outdoor sensor in time.
1. Change the corresponding batteries as soon as possible.
  2. Use only alkaline batteries.
  3. Rechargeable batteries are not suitable because their voltage is too low.
  4. Proceed as described in the chapter 'Commissioning' on page EN9.

5. Dispose of empty batteries in an environmentally friendly way as described in the chapter 'Disposal' on page EN33.

Please note: After changing the batteries in the transmitter or receiver, your device must always "re-learn" the transmitter.

## **Cleaning**

Penetration of water into the housing and the use of corrosive and sharp cleaning agents can damage or destroy the unit.

- Clean the base station and the outdoor sensor with a dry, lint-free cloth.

## **Troubleshooting**

- Incorrect values from the transmitter or no signal.
  - Batteries of the transmitter are empty.  
Please replace them.
  - There are sources of interference or obstacles nearby or the distance to the base station is too great.  
Change the position of the transmitter and/or the base station. "Visual contact" between transmitter and receiver often improves transmission.
  - Internal connection problem.  
Restart the base station and transmitter by removing and reinserting the batteries.
- No reception of the time signal and weather forecast.
  - Data reception may be affected by nearby mountains and valleys, by nearby motorways, railways, airports, power lines, etc., by nearby construction sites, by nearby electrical equipment (computers, televisions, etc.) and metallic objects, by location in the middle of tall buildings or in moving vehicles, by concrete buildings. Place the base station in a location with optimal reception, e.g. near windows and away from metallic or electrical objects.  
It is recommended to keep a distance of at least 1.5 - 2 meters from possibly interfering devices such as computer screens and TV sets.  
The station should display the weather correctly overnight at the latest. At night, atmospheric interference is usually less and reception is possible in most cases.
- WiFi icon is blinking on the station display, which means the base station has no connection to the App-Server.
  - Please check if your WiFi connection is online and working.



- Check if the app is using the correct WLAN-Key
- Only WiFi letters are blinking on the station display, which means the base station has no connection to the WLAN.
  - Please check if your WiFi connection is online and working.
  - Check if the app is using the correct WLAN-Key

## Disposal

### Packaging

The unit packaging consists of recyclable materials. Dispose of them in an environmentally friendly manner and separate them into the appropriate collection containers.

### Unit



Old units and batteries must not be disposed of in normal household waste. In accordance with Directive 2012/19/EU, the units (base station and external transmitter) must be disposed of in an orderly manner at the end of their service life. In this way, the recyclable materials contained in the units are recycled and environmental pollution is avoided. Hand in the old devices at a collection point for electrical waste or at a

recycling centre.

### Batteries



Before disposing of them, remove the batteries from the units (base station and transmitter) and dispose of them separately. Every consumer is legally obliged to take used batteries to a collection point for used batteries at a recycling centre or to a battery retailer.

## Specifications

### Base station

- Temperature measuring range:  $-20^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$ , displays "LL.L" or "HH.H" outside this range
- Temperature resolution:  $0.1^{\circ}\text{C}$
- Temperature accuracy:  $\pm 1^{\circ}\text{C}$  for  $0^{\circ}\text{C}$  –  $40^{\circ}\text{C}$ ,  $\pm 2^{\circ}\text{C}$  outside this range
- Humidity measuring range: 20%RH to 95%RH displays "19%RH" or "96%RH" outside this range

- Humidity resolution: 1%RH
- Humidity accuracy:  $\pm 5\%$ RH for 40% – 80% RH,  $\pm 8\%$ TH outside this range
- Outdoor transmitter data reception: every 69 seconds for channel 1, every 73 seconds for channel 2, every 77 seconds for channel 3
- Frequency bandwidth reception 433.92 MHz
- Batteries: 4x 1.5 V, type AA (alternative to DC 5V USB cable)
- Dimensions: 129 x 118 x 29 mm

#### Outdoor sensor

- Temperature measuring range: -30 to +70 °C, displays "LL.L" or "HH.H" outside this range
- Temperature resolution: 0.1 °C
- Temperature accuracy:  $\pm 1^\circ\text{C}$  for 0°C – 40°C,  $\pm 2^\circ\text{C}$  outside this range
- Humidity measuring range: 20%RH to 95%RH. displays "19%RH" or "96%RH" outside this range
- Humidity resolution: 1%RH
- Humidity accuracy:  $\pm 5\%$ RH for 40% – 80% RH,  $\pm 8\%$ TH outside this range
- Radio transmission signal: 433.92 MHz
- Maximum transmission power 8 dBm
- Radio transmission range: 60 m (under optimal conditions)
- Protection class: IPX4
- Batteries: 2 x 1.5 V, type AA
- Dimensions: 40 x 102 x 26 mm

#### EU Declaration of conformity



By affixing the CE marking, the distributor declares, in accordance with EU Regulation 765/2008, that the device complies with the applicable requirements laid down in the Community harmonization legislation concerning its affixing.

We hereby declare that the WD 2200 (base station) and TX205DTH (transmitter) described below are in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU and 2011/65/EU.

The original EU declaration of conformity may be found at:

[www.technoline.de/doc/4029665322001](http://www.technoline.de/doc/4029665322001)