Instructions manual – WD 2700

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

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 openg 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.

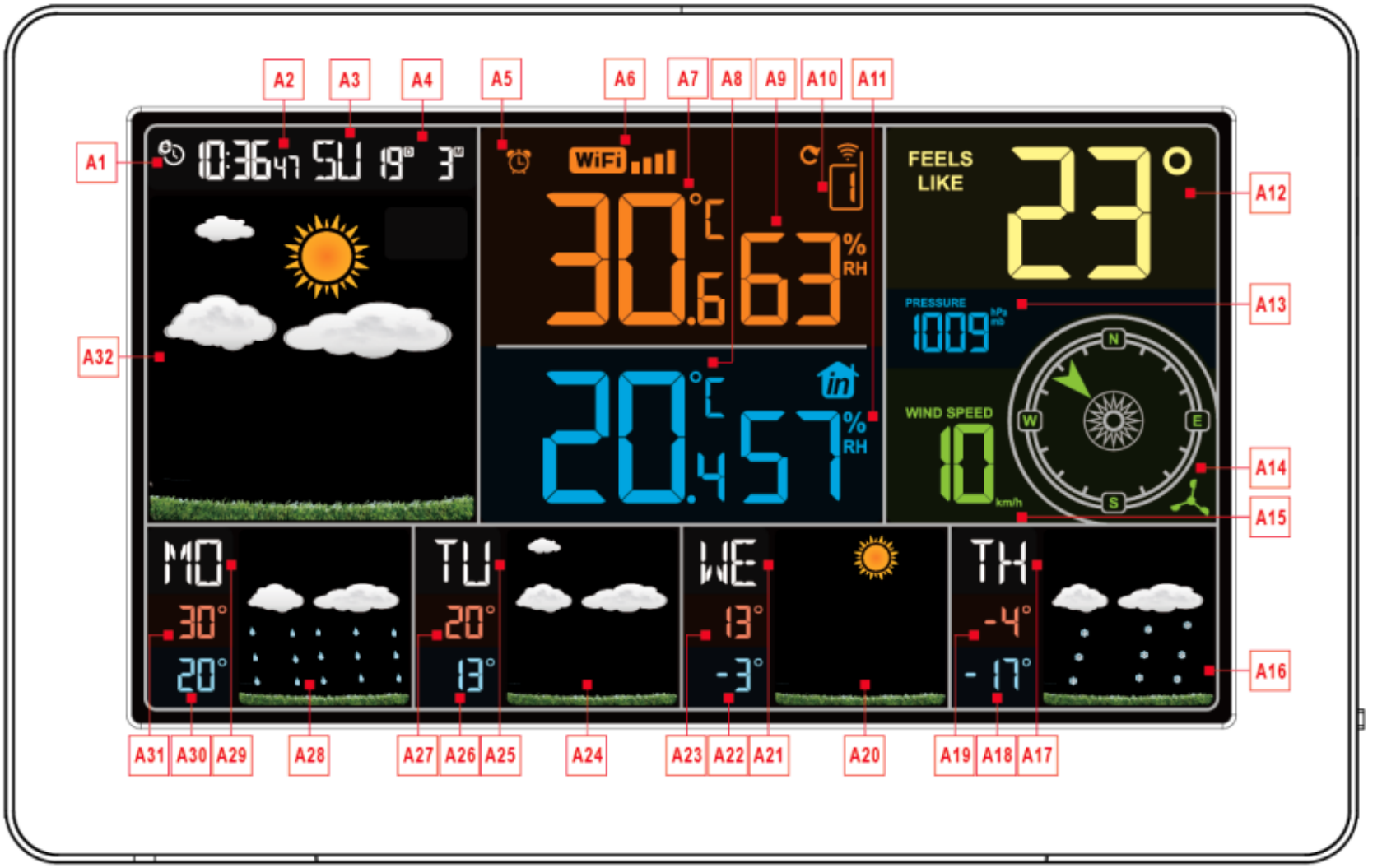
Scope of delivery:

- 1 Base station WD 2700
- 1 Outdoor sensor TX208DTH
- HX075-0501200-AG-001 power adapter 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: Network time icon

A2: Time

A3: Weekday for today

A4: Calendar

A5: Alarm icon

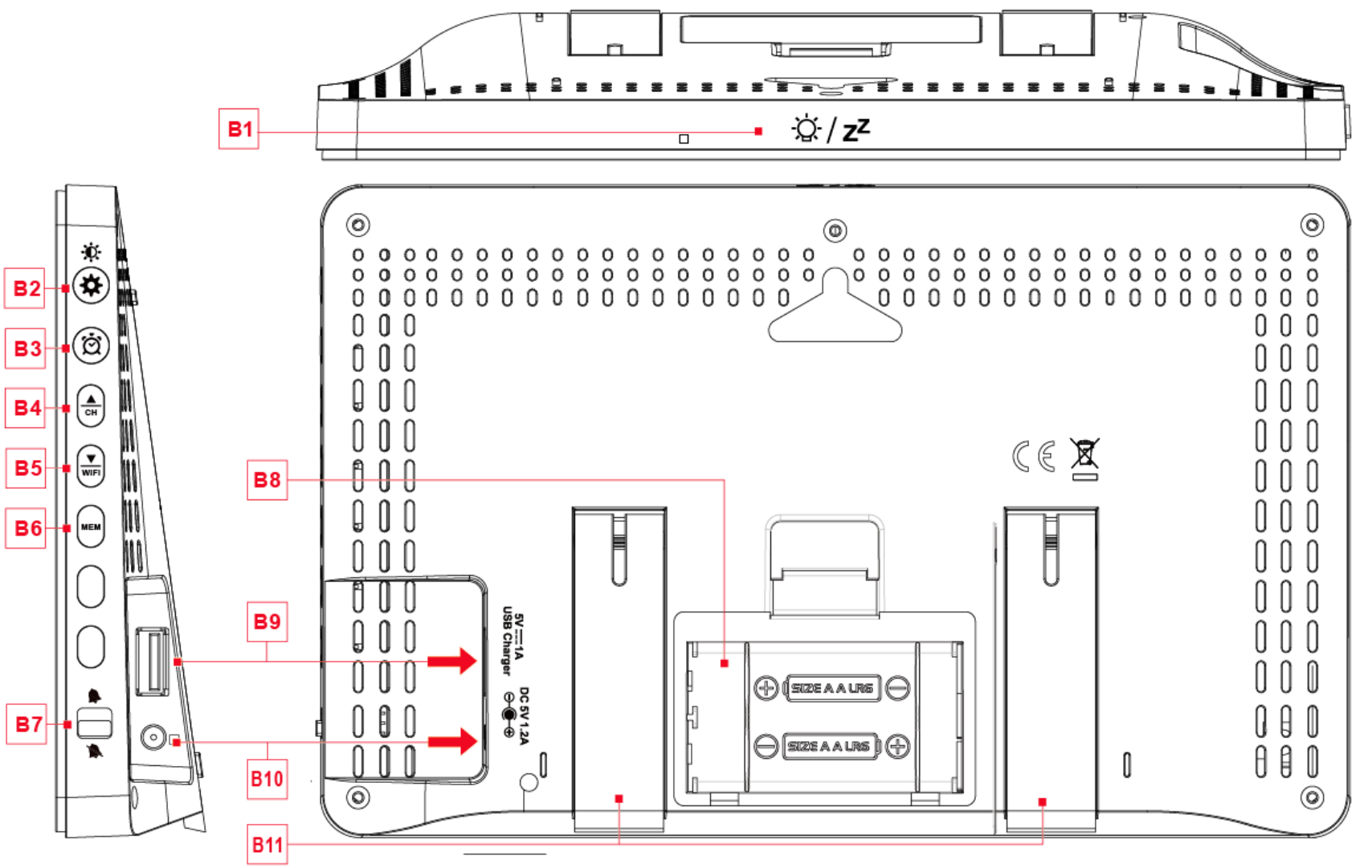
A6: WIFI icon and reception strength display

A7: Outdoor temperature

A8: Indoor temperature
A9: Outdoor humidity
A10: Outdoor sensor channel
A11: Indoor humidity
A12: “Feels Like” Temperature
A13: Barometric pressure
A14: Wind direction
A15: Wind speed
A16: Weather forecast for the fourth day
A17: Weekday for the fourth days
A18: Minimum temperature forecast for the fourth day
A19: Maximum temperature forecasts for the fourth day
A20: Weather forecast for the third day
A21: Weekday for the third days
A22: Minimum temperature forecast for the third day
A23: Maximum temperature forecasts for the third day
A24: Weather forecast for the second day
A25: Weekday for the second day
A26: Minimum temperature forecast for the second day
A27: Maximum temperature forecasts for the second day
A28: Weather forecast for tomorrow
A29: Weekday for tomorrow
A30: Minimum temperature forecast for tomorrow
A31: Maximum temperature forecast for tomorrow
A32: Weather forecast for today
A33: Today's predicted rain probability
: Network time icon
WiFi : 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
: Snooze alarm icon

Base station, Buttons



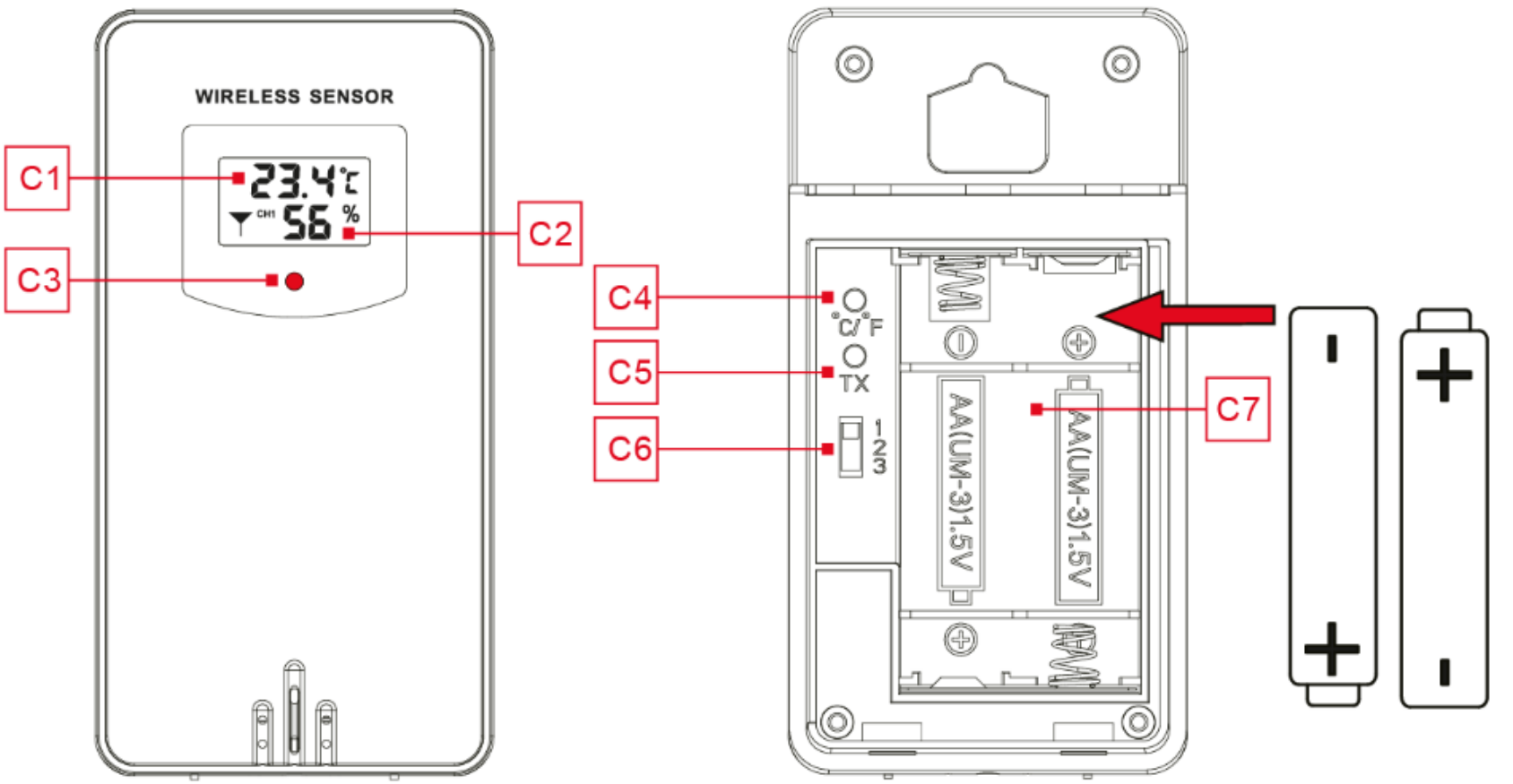
Part B – Back button and power

B1: "/ " (LIGHT/SNOOZE) touch field

B2: "/"(SET/LIGHT SET) button

B3: “”(ALARM) button
B4: “CH”(UP/CH) button
B5: “WIFI”(DOWN/WIFI) button
B6: “**MEM**” button
B7: Alarm on/off switch
B8: Battery compartment
B9: USB charger output socket
B10: DC-POWER input jack
B11: Support frame

Outdoor sensor



Part C –Wireless outdoor sensor:
C1: LCD display – Temperature
C2: LCD display – Humidity
C3: Transmission signal LED

C4: “**°C/°F**” button
C5: “**TX**” button
C6: Channel selection switch
C7: Battery compartment

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:

Available on the App Store Available on the Google play

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:

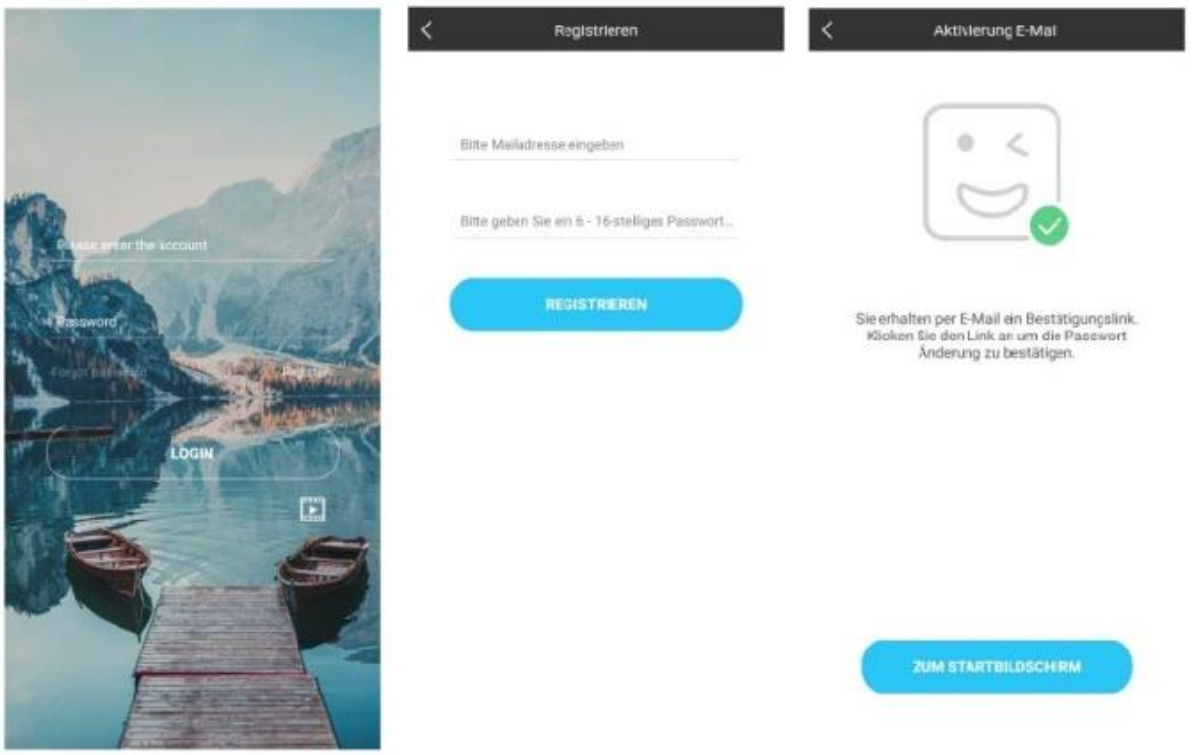
Playstore

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.



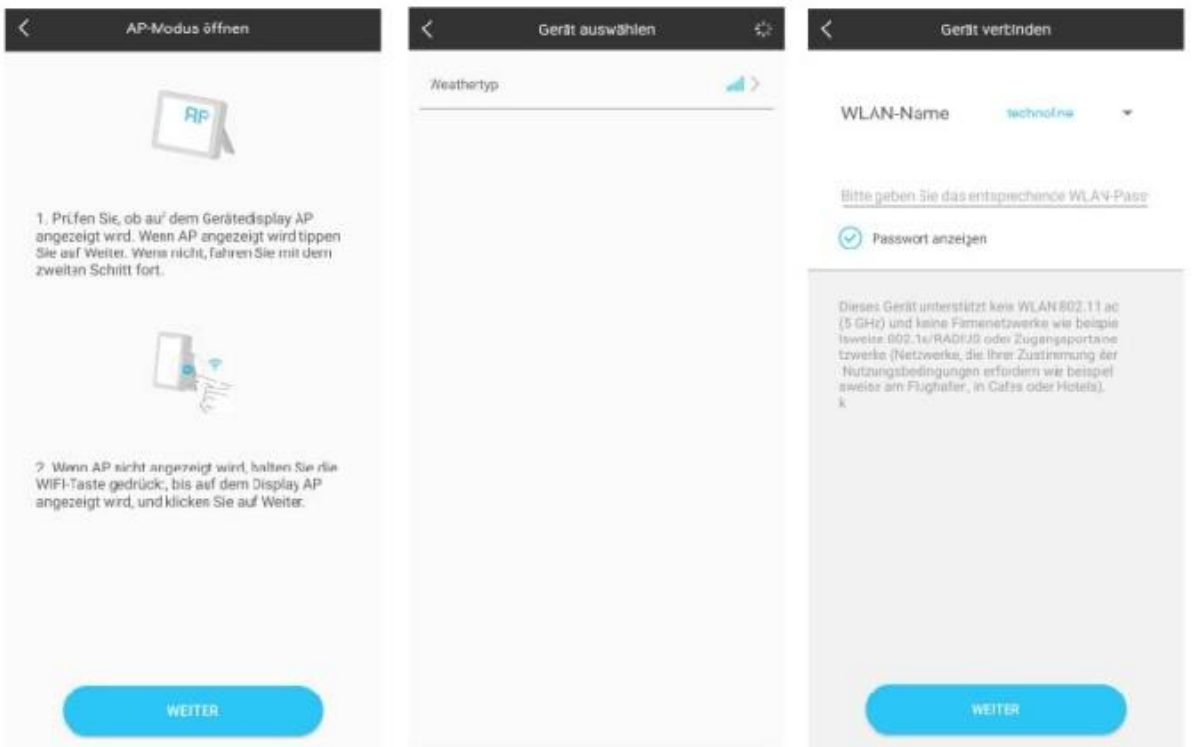
Account login interface **->**
Account registration interface **->**
Prompt mailbox account activation **->**

Pairing with weather station device

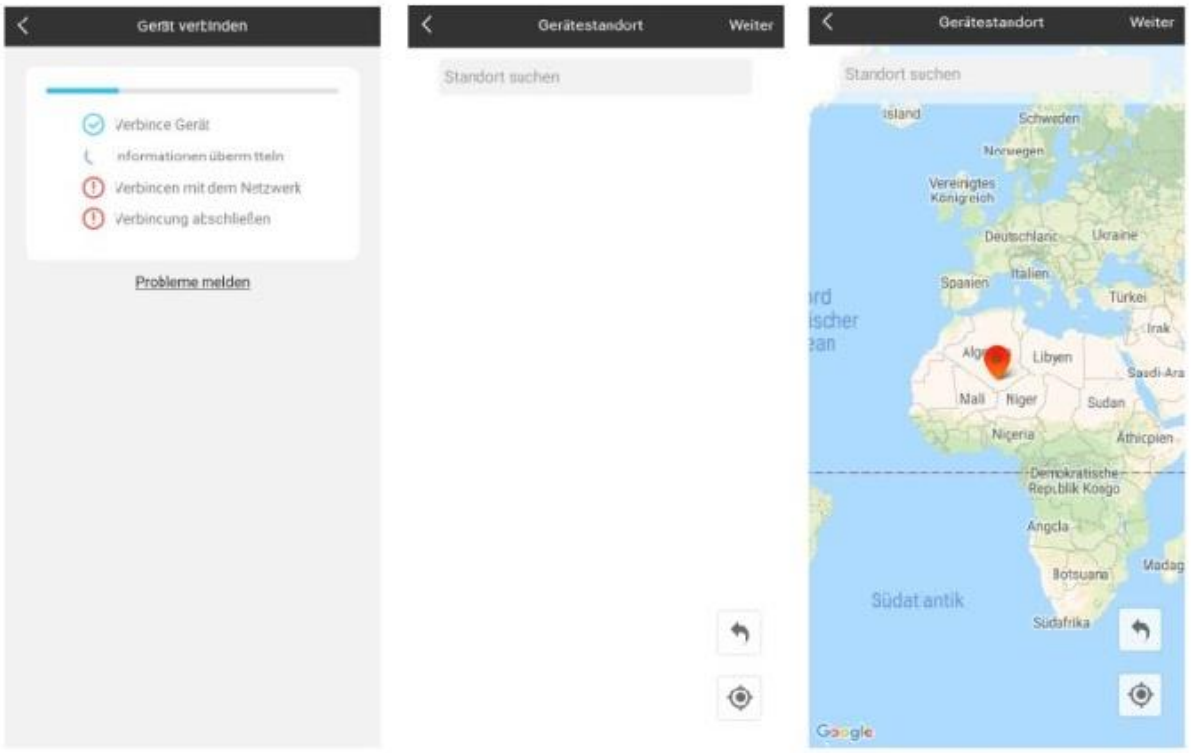
1. Login user account
2. Make sure your phone is connected to a 2.4GHz Wi-Fi network. and Bluetooth function is turned on. (WiFi weather station currently only support 2.4GHz Wi-Fi network during configuration)
3. Connect the weather station to a power source with the power cable, Press and hold “**WIFI**” 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 “**Weathertype**”.
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 2 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 outdoors display area on the receiver. The outdoor 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°C to +70°C. Please choose the right battery according to the limit temperature of the wireless sensor:

- Alkaline zinc manganese batteries can work at -20°C to +60°C
- Polymer lithium ion rechargeable batteries can work at -40°C to +70°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 "**CH**" button to permanently display the channel 1, 2, 3 or the cycle mode. When the " " 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 "**CH**" 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.

Note:

To try reconnecting a sensor without resetting the batteries, the "**TX**" button on the back of the sensor can be used to force a instant transmission.

Operation

Manual time setting:

- Press and hold the "**SET**" button for 2 seconds and the temperature unit °C is flashing. Press the "**UP/CH**" or the "**WIFI/DOWN**" 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 "**UP**" or the "**DOWN**" button to set the pressure unit in hPa/mb or inHg or mmHg.
- Press the "**SET**" button to confirm your setting and the wind speed display is flashing. Press the "**UP**" or the "**DOWN**" button to set the pressure unit in km/h or Mph.
- Press the "**SET**" button to confirm your setting, the 12/24 hour mode display starts to flash. Press the "**UP**" or the "**DOWN**" 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 “**UP**” or the “**DOWN**” 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 “**UP**” or the “**DOWN**” button to set the correct hour.
- Press the “**SET**” button to confirm your setting, the minute displays starts to flash. Press the “**UP**” or the “**DOWN**” 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 “**UP**” or the “**DOWN**” button to set the date display to month/date or date/month.
- Press the “**SET**” button to confirm your setting, the year display starts to flash. Press the “**UP**” or the “**DOWN**” button to set the correct year.
- Press the “**SET**” button to confirm your setting, the month display starts to flash. Press the “**UP**” or the “**DOWN**” button to set the correct month.
- Press the “**SET**” button to confirm your setting, the date display starts to flash. Press the “**UP**” or the “**DOWN**” 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 “**UP**” or the “**DOWN**” 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.
- Press and hold the “**UP**” or the “**DOWN**” button to accelerate the setting procedure.
- When the WIFI connection is successful, the time will be automatically updated to the network time, the symbol “  ” will display, at the time of updating, time and time zones are not to be manually changee.
- 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	ВС
Monday	MA	ПН
Tuesday	TI	ВТ
Wednesday	ON	СР
Thursday	TO	ЧТ
Friday	FR	ПТ
Saturday	LO	СБ

Setting the daily alarm:

- Press the “**ALARM**” button once to view the alarm time.
- Press and hold down the “**ALARM**” button for 2 seconds until hour display of the alarm time is flashing. Press the “**UP/CH**” or the “**WIFI/DOWN**” 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 “**UP**” or the “**DOWN**” 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 “**UP**” or the “**DOWN**” 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.
- Press and hold the “**UP**” or the “**DOWN**” button to accelerate the setting procedure.
- 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

- Push the alarm switch to the upper “” position and the LCD displays the “” icon. The alarm function is active and the alarm will sounds once the alarm time is reached.
- Push the alarm switch to the lower “” position and the “” icon disappears. The alarm function 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 “**LIGHT/SNOOZE**” touch field or press hold the “**LIGHT/SNOOZE**” touch field for 3 seconds to stop the alarm signal.

Snooze function:

- While the alarm is sounding, press the “**LIGHT/SNOOZE**” 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 “**LIGHT/SNOOZE**” touch field or

press and hold the “**LIGHT/SNOOZE**” 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 “**LIGHT/SNOOZE**” 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 “**MAX/MIN**” button:

- Once to show the maximum temperature and humidity values with the **MAX** icon.
- Twice to sow the minimum temperature and humidity values with the **MIN** icon.
- 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 “**MAX/MIN**” 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 “**LIGHT/SNOOZE**” touch field once and the backlight will light up with highest brightness for 15 seconds.

When the station is powered by the USB cable:

- Press the “**SET/LIGHT 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.

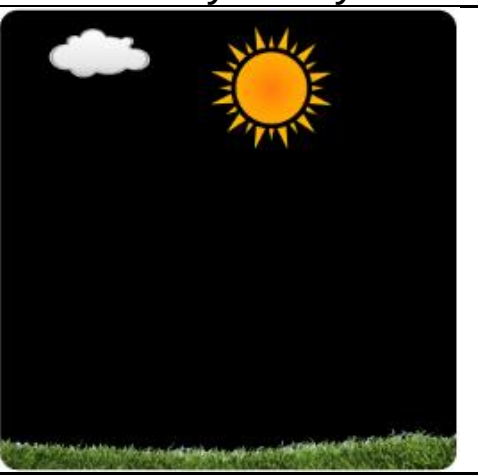
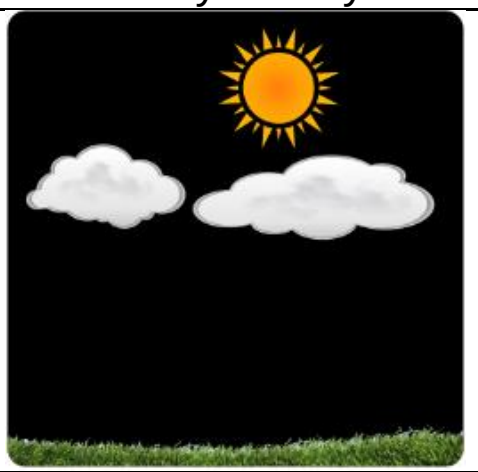
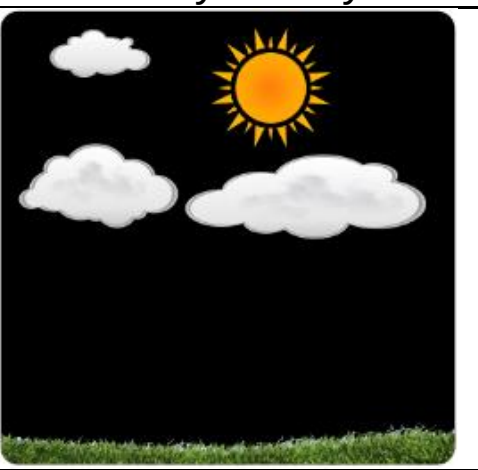
Explanation of the network weather forecast

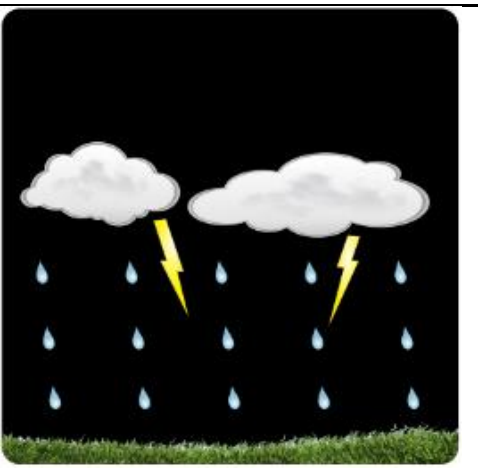
- After the base station is connected with the WIFI hotspot, the weather information of the base station will be updated automatically every hour after the weather forecast information obtained from the network.
- The base station automatically downloads real-time air pressure, weather forecasts for today and the next three days, and forecasts of the highest and lowest

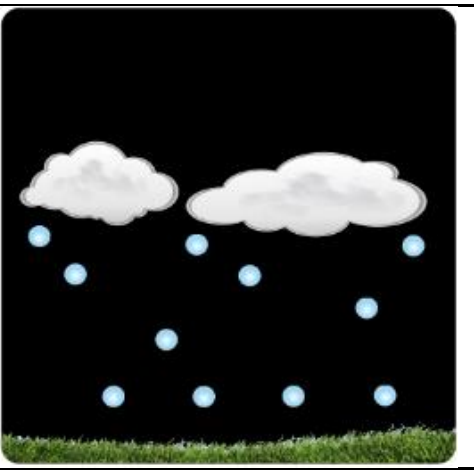
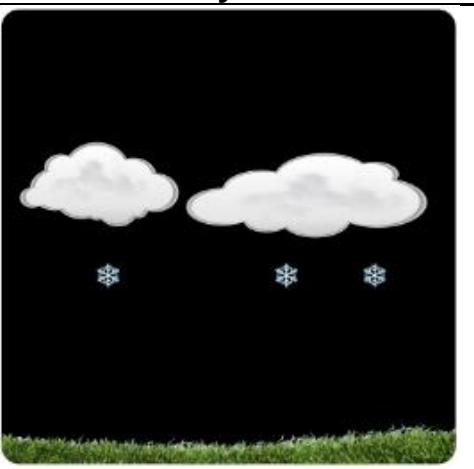
temperatures from the network.

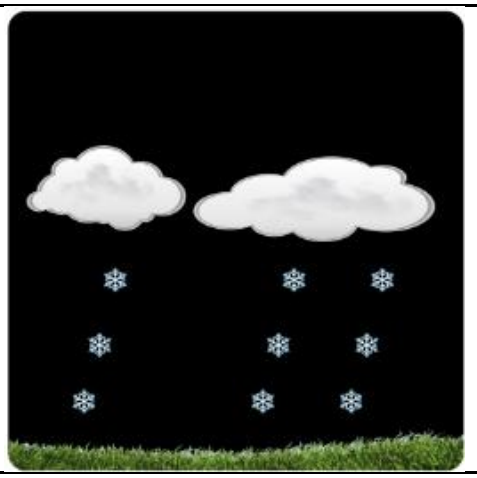
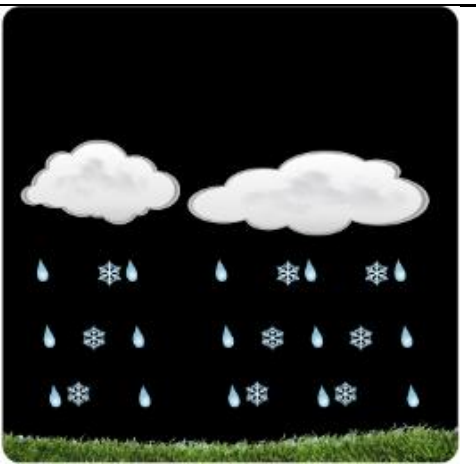
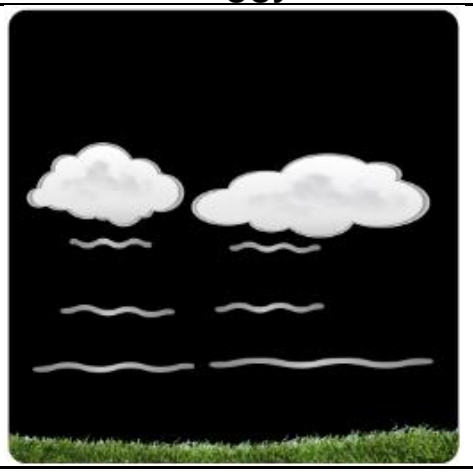
- The base station automatically uploads the data of indoor and outdoor temperature and humidity from the base station to the server, and the APP can download the data automatically from the server through the network.
- If you use battery power, the weather station will automatically connect to the 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：

Sunny	Mostly sunny
	
Partly Cloudy	Mostly Cloudy
	
Cloudy	Patchy Rain

	
Mostly Rain	Showers
	
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
	

App interface specification :
Front page data display :



Start screen data display 1 **->**
Start screen data display 2

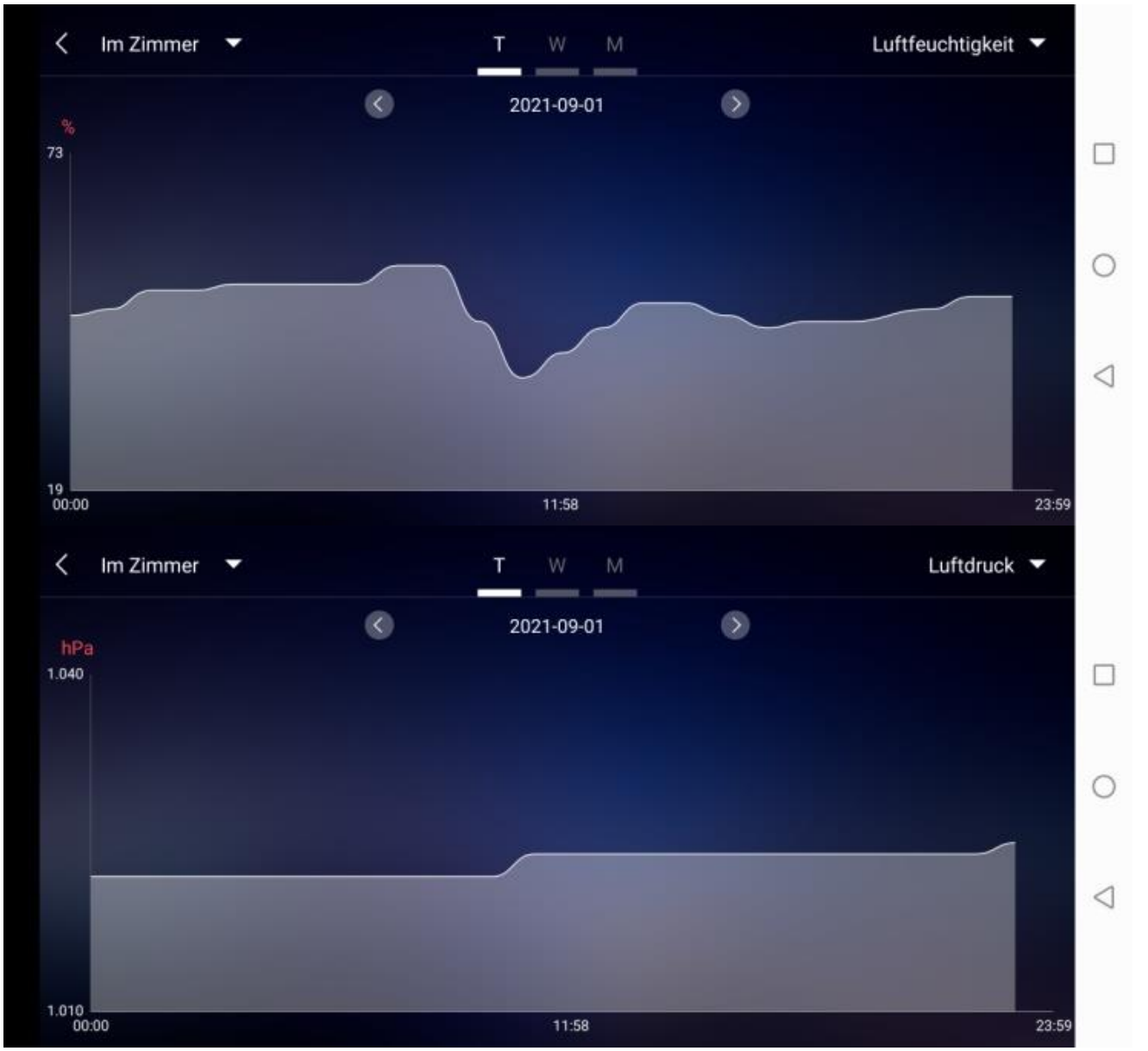
D1: Main menu bar
D2: Bar diagram view
D3: Location City
D4: Temperature and humidity data of the base station and weather today
D5: Quick setting of temperature and humidity alert for the base station
D6: Feel-like temperature value
D7: Today's barometer pressure
D8: Wireless remote sensor device name
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

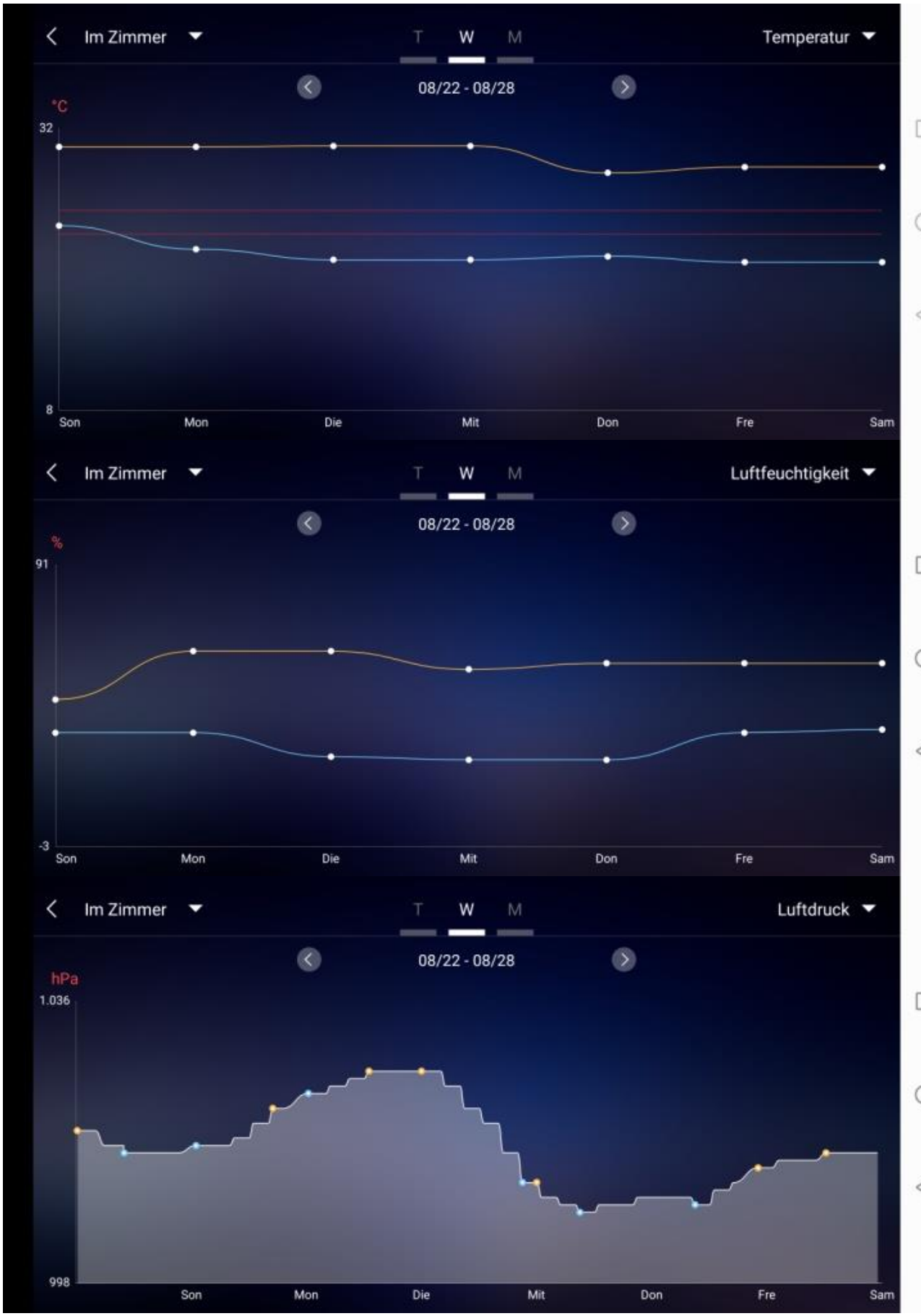
Data chart display :

- 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


Im Zimmer
T W M
Temperatur
08/22 - 08/28
°C
32
8
Son Mon Die Mit Don Fre Sam
Im Zimmer
T W M
Luftfeuchtigkeit
08/22 - 08/28
%
91
-3
Son Mon Die Mit Don Fre Sam
Im Zimmer
T W M
Luftdruck
08/22 - 08/28
hPa
1.036
998
Son Mon Die Mit Don Fre Sam

Data chart presentation – Weekly

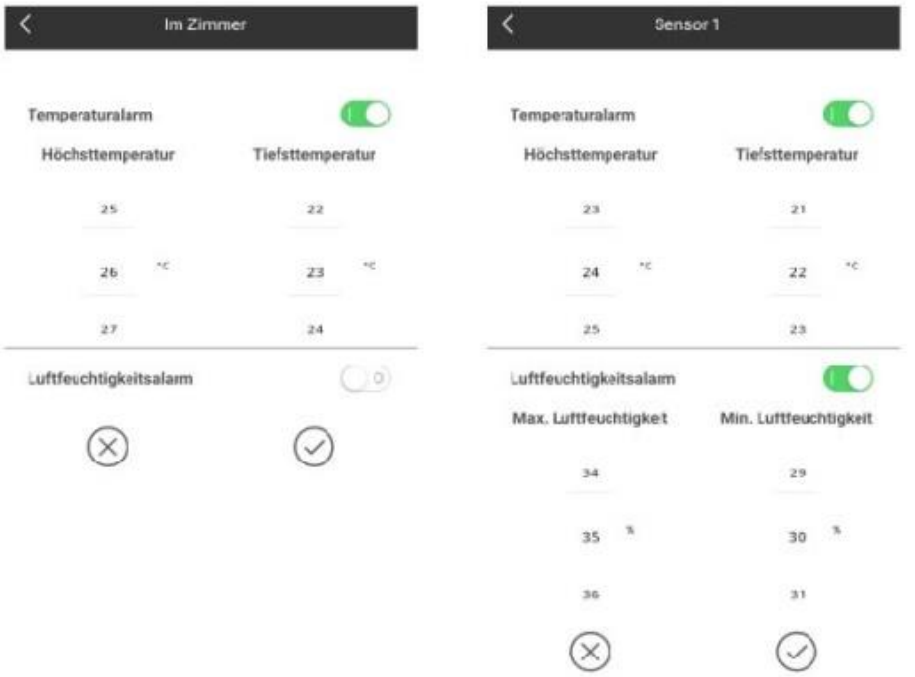




Data chart presentation – Monthly

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.



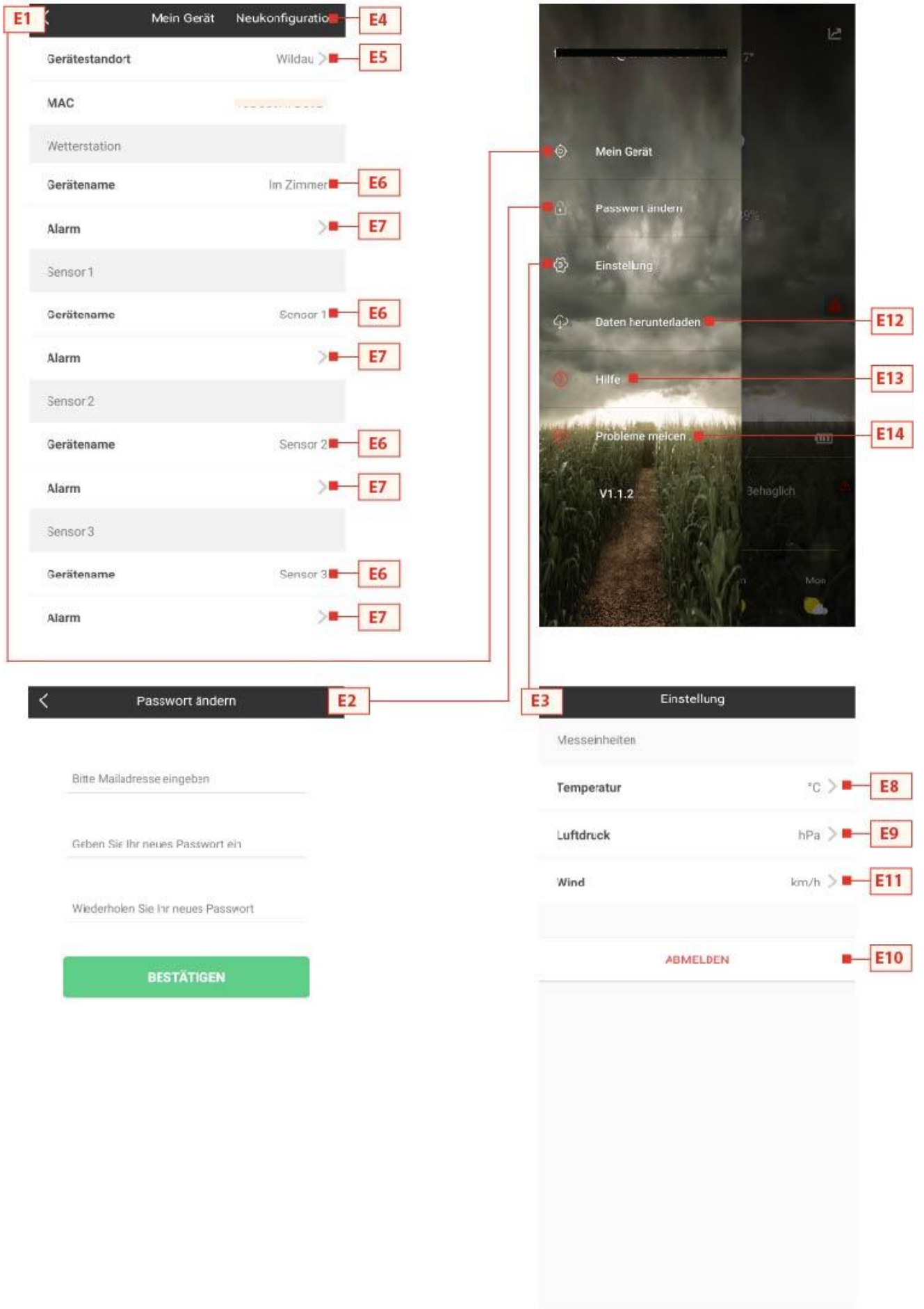
Temperature and humidity alert setting
for main station (left) and outdoor sensor (right)

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
Neukonfiguratio
E4
Gerätestandort
Wildau
E5
MAC
Wetterstation
Gerätename
Im Zimmer
E6
Alarm
E7
Sensor 1
Gerätename
Sensor 1
E6
Alarm
E7
Sensor 2
Gerätename
Sensor 2
E6
Alarm
E7
Sensor 3
Gerätename
Sensor 3
E6
Alarm
E7
Mein Gerät
Passwort ändern
Einstellung
Daten herunterladen
E12
Hilfe
E13
Probleme melden
E14
V1.1.2
Behaglich
Passwort ändern
E2
E3
Einstellung
Bitte Mailadresse eingeben
Geben Sie Ihr neues Passwort ein
Wiederholen Sie Ihr neues Passwort
BESTÄTIGEN
Messeinheiten
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 EN34.

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°C to +60 °C,
  displays "LL.L" or "HH.H" outside this range
- Temperature resolution: 0.1 °C
- Temperature accuracy: ± 1°C for 0°C – 40°C, ± 2°C outside this range
- Humidity measuring range: 20%RH to 95%RH
  displays "19%RH" or "96%RH" outside this range
- Humiditiy resolution: 1%RH
- Humidity accuracy: ± 5%RH for 40% – 80% RH, ± 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
- Air pressure range: 300hPa/mb to 1100hPa/mb
- Wind speed range: 0~180km/h
- Power adapter: HX075-0501200-AG-001 100-240V, DC 5V
- Batteries: 2 x 1.5 V, type AA
- Dimensions: 205 x 130 x 30 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: ± 1°C for 0°C – 40°C, ± 2°C outside this range
- Humidity measuring range: 20%RH to 95%RH.
  displays "19%RH" or "96%RH" outside this range
- Humiditiy resolution: 1%RH
- Humidity accuracy: ± 5%RH for 40% – 80% RH, ± 8%TH outside this range
- Radio transmission signal: 433.92 MHz
- Maximum transmission power: 10mW(+10dBm)
- Radio transmission range: 60 m (under optimal conditions)
- Protection class: IPX4
- Batteries: 2 x 1.5 V, type AA
- Dimensions: 50 x 92 x 32 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 2700 (base station) and TX208DTH (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/4029665027005