

TFA.me ID-08

WIFI Wireless Weather Station

Cat. No. 35.8105.xx



Delivery contents

- WIFI Wireless weather station (base station)
- Power adaptor for base station
- Thermo-hygro sensor ID-A0 (cat.-no. 30.3900.02)
- Quick set-up guide

Thank you for choosing this product from TFA Dostmann.

Before you use this product

Please make sure you read the instruction manuals carefully. Following and respecting the instructions in your manuals will prevent damage to your instrument and loss of your statutory rights arising from defects due to incorrect use. We shall not be liable for any damage occurring as a result of non-following of these instructions. Likewise, we take no responsibility for any incorrect readings or for any consequences resulting from them. Pay particular attention to the safety and disposal instructions in the Quick set-up guide supplied with the device! Please keep all instruction manuals safe for future reference!

Instruction manuals

Type of instruction manual/languages	Where to find	Content
Instruction manual for 35.8105.xx D-GB	This instruction manual	✓ Functional description of the WIFI Wireless Weather Station
Quick set-up guide for 35.8105.xx D-GB-F-I-NL-E	Part of delivery content and homepage Open here!	✓ Getting started ✓ Specifications ✓ Safety notices ✓ Waste disposal ✓ Declaration of conformity
Manual TFA.me general D-GB	go.tfa.me Web-Portal Open here!	✓ Getting started general instruction ✓ Functional description of the TFA.me portal
FAQ Frequently asked questions D-GB	General Questions Questions about the TFA.me Portal Questions about the Initial Setup	✓ General questions and answers ✓ Questions and answers about the TFA.me portal ✓ Questions and answers about the initial setup

For your safety

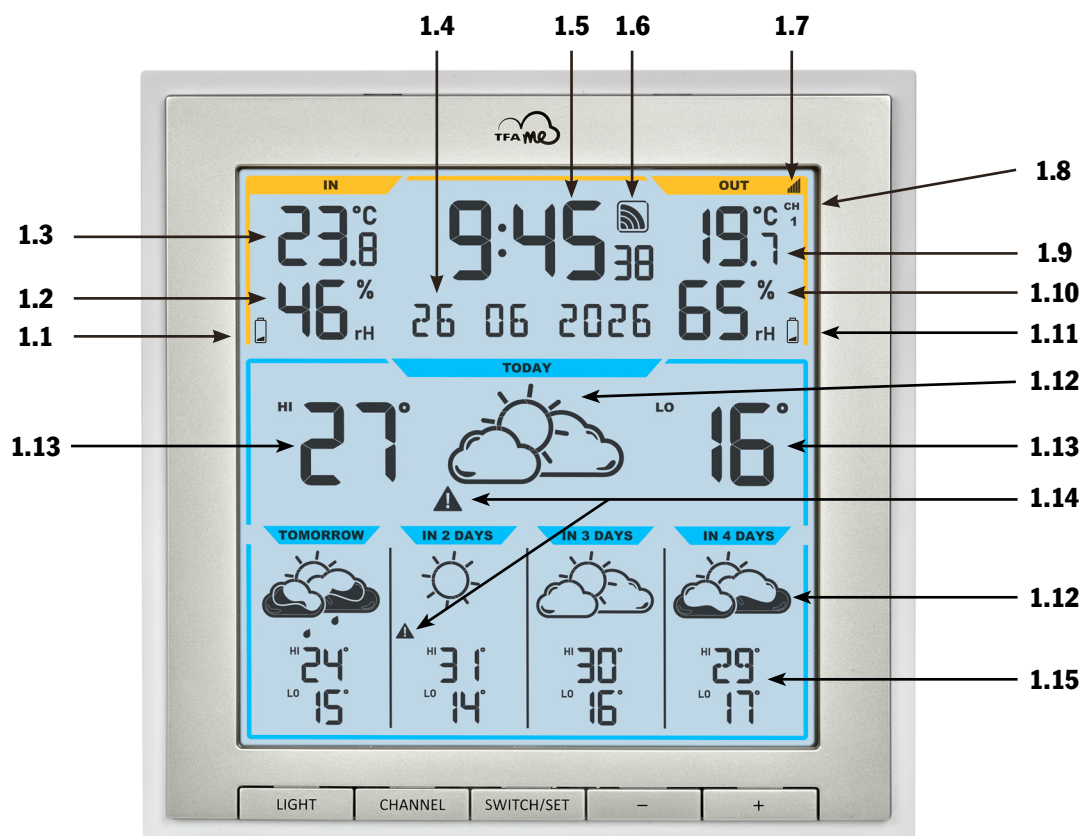
This product is exclusively intended for the range of application described. It should only be used as described within these instruction manuals. Unauthorised repairs, alterations or changes to the devices are prohibited.

Range of application and all the benefits of your new instrument at a glance

- Local professional forecast from wetter.com for 5 days
- 41 different weather symbols, daily highest and lowest temperatures, probability/amount of rain, hours of sunshine, UV index, wind speed/direction
- Warning function in the event of storm, heavy rain, black ice, heat or high UV values
- Wireless transmission of outdoor temperature and humidity via transmitter (868 MHz, max. 100 m), up to 5 transmitters can be displayed (optionally)
- Indication of indoor temperature and humidity
- Illuminated display with 4 brightness levels and dimming function
- Time with date or weekday (6 languages)
- Wall mounting or table stand
- Dimensions and weight: 172 x 29 (61) x 172 (168) mm, 351 g
- Power adapter included, batteries 3 x AA (backup) and 2 x AA (for transmitter) not included

With gateway function for online access to measured values on the free TFA.me platform:

After registering at [go.TFA.me](#), the measured values of the indoor sensors, of the supplied outdoor transmitter and optionally of up to 50 TFA-ID transmitters within the transmission range can be monitored and analysed online. The functional scope of the TFA.me portal includes an alarm function via e-mail, a clear diagram function and export options, as well as a data storage for at least 12 months. The language setting is German or English.



Elements

Base station

1. Display

Display area: indoor sensors (orange)

- 1.1 Battery symbol for the base station
- 1.2 Indoor humidity
- 1.3 Indoor temperature

Display area: time, calendar and info box

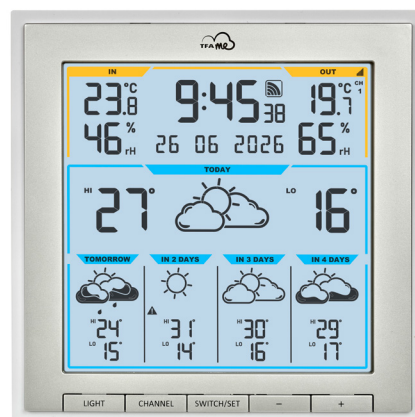
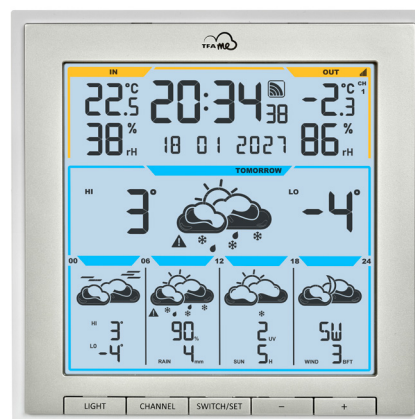
- 1.4 Date/weekday/info box
- 1.5 Time
- 1.6 Reception symbol WIFI

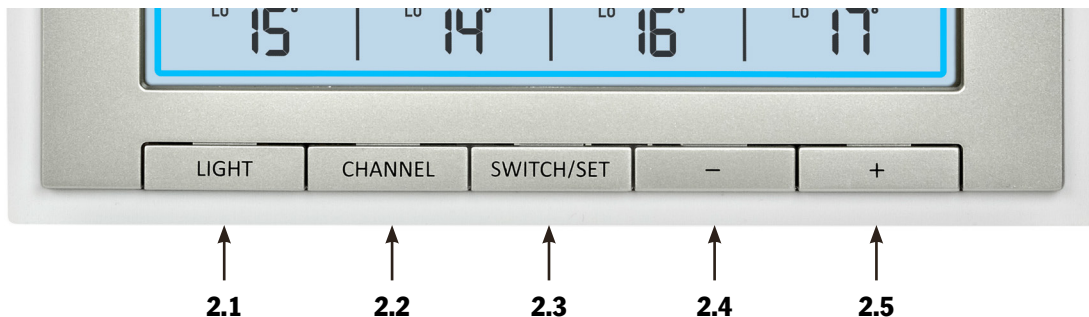
Display area: outdoor transmitters (orange)

- 1.7 Reception symbol for the transmitter
- 1.8 Channel 1/2/3/4/5 and circle symbol for alternating channel
- 1.9 Outdoor temperature
- 1.10 Outdoor humidity
- 1.11 Battery symbol for the transmitter

Display area: weather forecast (blue)

- 1.12 Weather symbol for the displayed day
- 1.13 Maximum and minimum values for the displayed day
- 1.14 Warning signal for critical weather situations
- 1.15 Maximum and minimum values for the displayed day or additional weather information



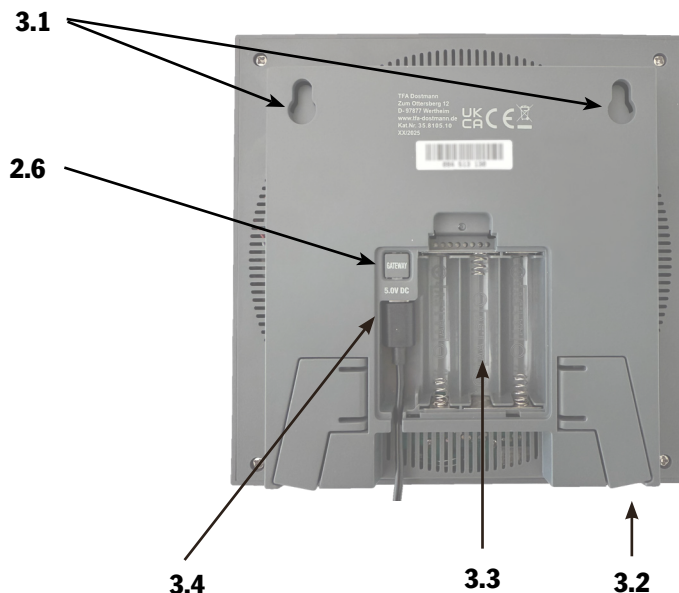


2. Buttons

- 2.1 LIGHT button
- 2.2 CHANNEL button
- 2.3 SWITCH/SET button
- 2.4 - button
- 2.5 + button
- 2.6 GATEWAY button

3. Housing

- 3.1 Mounting holes
- 3.2 Table stand (fold out)
- 3.3 Battery compartment
- 3.4 Power adaptor jack



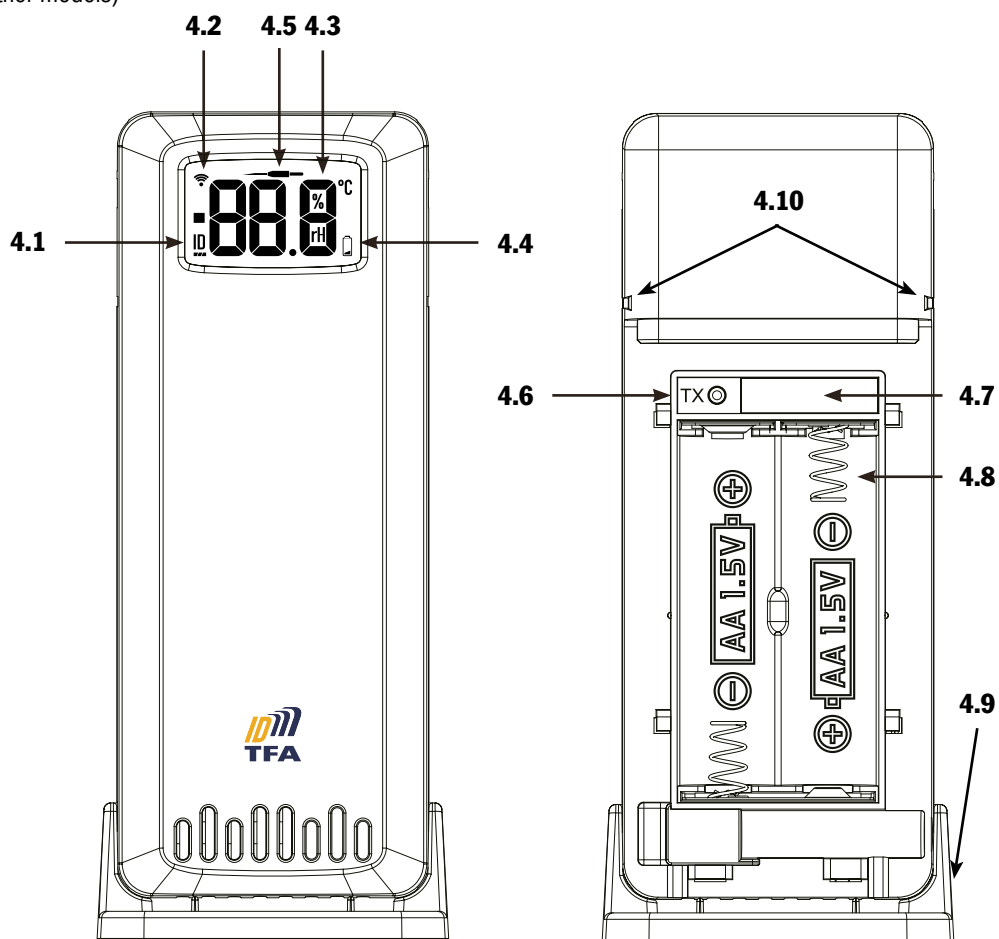
4. Transmitter

Display

- 4.1 Indicator for transmitter ID
- 4.2 Transmission symbol
- 4.3 Temperature and humidity in sequence
- 4.4 Battery symbol for the transmitter
- 4.5 Probe symbol (reserved for other models)

Housing & buttons

- 4.6 TX button
- 4.7 Transmitter ID
- 4.8 Battery compartment
- 4.9 Support for wall mounting or table standing
- 4.10 Indentations for the support for wall mounting



Initial start-up

Use the [quick set-up guide](#) and follow the individual steps. To start up your TFA.me station, it must first be connected to the Internet via your WiFi network. Following this it is necessary to configure the location to receive the correct local time and the weather forecast. Finally, the transmitter is started up.

Registration and an account on the TFA.me portal are only necessary if you want to query the local measured values of your TFA.me devices online via the platform. Further information on registration and setup can be found on the go.tfa.me portal.

Operation

Information about the last update of the weather data, selection of calendar display and language

- Press and hold the SWITCH/SET button for three seconds to enter the setting mode.
- Information about the last update of the weather data appears. All weather symbols and forecast data start to flash and the time and date of the last weather data update are displayed.
- Press the SWITCH/SET button again. DATUM/DATE (default) flashes on the display.
- With the + or - button you can choose between DATUM/DATE or WOCHENTAG/WEEKDAY as a permanent display or select WECHSEL/ALTERNATE for a changing display every 5 seconds.
- Press the SWITCH/SET button again. DEUTSCH/GERMAN (default) flashes on the display.
- Press the + or - button to set the day-of-the week and menu language: DEUTSCH, ENGLISH, DUTCH, ESPANOL, ITALIANO, FRANCAIS.
- If you select ENGLISH, the day-of-the week and menu language will now appear in English.
- Press the SWITCH/SET button again and you will return to normal mode.
- The device will automatically quit the setting mode if no button is pressed for 20 seconds. The device will automatically use the settings you have made so far.

Display of weather forecast

Choose between two display options:

Fig. A: 1-day forecast

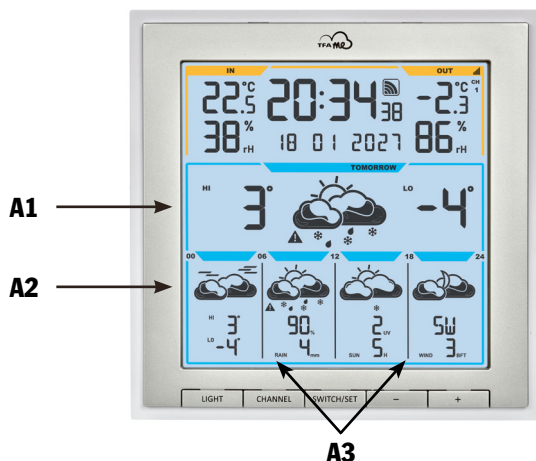
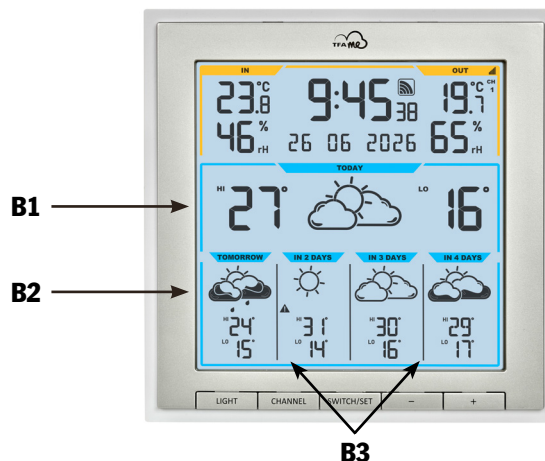


Fig. B: 5-day forecast

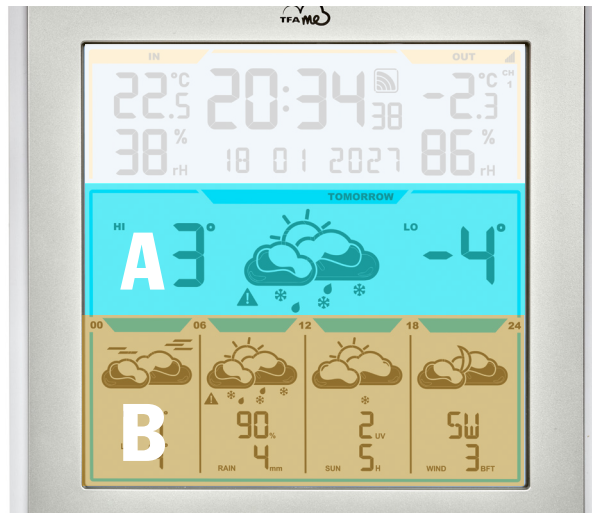


1-day forecast (example Fig. A):

- A1: Weathersymbol, HI highest temperature and LO lowest temperature for the displayed day (TOMORROW)
- A2: Weathersymbol for part of the day: 00-06, 06-12, 12-18 and 18-24 o'clock
- A3: Additional weather information for the displayed day: HI, LO, RAIN rainfall and rain probability, SUN sunshine hours, UV index, WIND wind speed and direction

5-day forecast (example Fig. B):

- B1: Weathersymbol, HI highest temperature and LO lowest temperature for TODAY
- B2: Weathersymbol for TOMORROW, IN 2 DAYS, IN 3 DAYS and IN 4 days as an all-day forecast
- B3: HI highest temperature and LO lowest temperature for every single day



Weather forecast displays:

In normal mode, use the SWITCH/SET button to switch between the following 5 different weather forecast displays:

Forecast period

	Total	Day 1	Day 2	Day 3	Day 4	Day 5
Keypress	Forecast period	TODAY	TOMORROW	IN 2 DAYS	IN 3 DAYS	IN 4 DAYS
Default	5 days (1-5)	☀️ A	☀️ B	☀️ B	☀️ B	☀️ B
⏮️ SWITCH/SET	1 days (1)	☀️ ☹️☹️☹️☹️				
⏮️ SWITCH/SET	1 days (2)		☀️ ☹️☹️☹️☹️			
⏮️ SWITCH/SET	1 days (3)			☀️ ☹️☹️☹️☹️		
⏮️ SWITCH/SET	1 days (4)				☀️ ☹️☹️☹️☹️	
⏮️ SWITCH/SET	1 days (5)					☀️ ☹️☹️☹️☹️

The last selected setting remains permanently.

Weather symbols

To give you the most detailed weather information possible, the weather symbol can be displayed in over 40 different variants. There are 14 weather symbols for the day only, 14 weather symbols for the night only and 13 symbols that are displayed equally for day and night:

Label	clear sky	partly cloudy	mostly cloudy	cloudy	light rain	rain
All day (00-24) morning (06-12) afternoon (12-18)						
evening (18-24) night (00-06)						
Label	strong rain	sleet / graupel	light snowfall	snowfall	strong snowfall	light rain showers
All day (00-24) morning (06-12) afternoon (12-18)						
evening (18-24) night (00-06)						

Short description	rain showers	strong rain showers	snow showers	strong snow showers	sleet / graupel showers	light fog
All day (00-24) morning (06-12) afternoon (12-18)						
evening (18-24) night (00-06)						

Label	strong fog	dry thunderstorm	light thundery rain	thundery rain	strong thundery rain	mostly cloudy dry thunderstorm
All day (00-24) morning (06-12) afternoon (12-18)						
evening (18-24) night (00-06)						

Label	light thundershowers	thundershowers	strong thundershowers
All day (00-24) morning (06-12) afternoon (12-18)			
evening (18-24) night (00-06)			

Additional weather information

- Daily highest and lowest temperatures**

In addition to the current weather information, the station also predicts the daily highest and lowest temperatures. Please note that deviations upwards or downwards can occur, especially in regions with large differences in altitude.

- Rainfall amount**

The amount of precipitation is the height of the layer of water that would have formed on a flat surface in the event of precipitation (rain, snow, hail, fog, etc.). 1 mm of precipitation equals 1 litre of water per square metre.

- Probability of rainfall**

The probability of rain is the probability in per cent, averaged over the forecast region, that it will actually rain at some point on the day for which the forecast was determined. If there is a 70 per cent probability of rain, this means that in 70 out of 100 cases characterised by the same weather situation, precipitation will occur in the forecast region during the relevant period.

- Sunshine duration**

The duration of sunshine provides an indication of the time and intensity of cloud cover in the forecast region. It indicates the time in hours during which a cloudless and completely clear atmosphere allows solar radiation.

- **UV-Index**

The UV index measures the intensity of UV radiation on the earth's surface. A higher UV index means stronger UV radiation and a higher risk of sunburn and skin damage. The UV index is measured on a scale from 0 to 11+ The UV index always refers to the maximum daily value of UV radiation when the UV rays are at their most dangerous, usually around midday.

UV-Index	1-2	3-5	6-7	8-10	from 11
Label	Low UV radiation	Moderate UV radiation	Strong UV radiation	Very strong UV radiation	Extreme UV radiation

- **Wind speed**

The wind speed is indicated in Beaufort and averaged over the specified period. The scale is shown as follows:

0	1	2	3	4	5	6	7	8	9	10	11	12
Calm	Light air	Light breeze	Gentle breeze	Moderate breeze	Fresh breeze	Strong breeze	Moderate gale	Fresh gale	Strong/ severe gale	Storm, whole gale	Violent storm	Hurricane-force

- **Wind direction**

Wind direction is generally reported by the direction from which the wind originates and is given in eight steps:

N - north, **NE** - northeast, **E** - east, **SE** - southeast, **S** - south, **SW** - southwest, **W** - west and **NW** - northwest

- **Warning function**

In the event of warnings for storms, heavy rain, black ice, heat or high UV values, a warning triangle appears next to the displayed day or part of the day.

	Warning situation	Whole day	Part of the day
Rain	Caution - massive amounts of precipitation	Amount of precipitation 1 hour $\geq$ 15 mm	
		Amount of precipitation in 24 hours $\geq$ 30 mm	Amount of precipitation in 6 hours $\geq$ 20 mm
Wind	Caution - strong gale	Gales $\geq$ 8 bft / 75 km/h	
Heat	Caution - extreme heat	Highest daily temperature HI $\geq$ 35°C (warning display in the afternoon)	
UV	Caution - very strong UV radiation	UV-Index $\geq$ 8	
Black ice/ freezing rain	Caution - black ice/ freezing rain	Warning event is predicted by wetter.com (usually in conjunction with sleet/graupel)	

Display illumination (in normal operation with power adapter)

- There are 5 setting options for the display illumination:
- With a simple press of the LIGHT button, you can choose between LIGHT OFF (display illumination deactivated), and the levels LVL1 (minimum brightness), 2, 3 (default setting) and 4 (maximum brightness). The last selected level will remain permanently active.

Note: The light in continuous operation only works with power adapter. In pure battery operation, the backlight is always switched off and is activated for 10 seconds using the LIGHT button.

AutoDim function

If you wish, an automatic dimming function can be activated during night time.

The display illumination is then automatically switched to level 1 or OFF for the specified time slot.

- Press and hold the LIGHT button for 3 seconds. AUTO DIM appears on the display and OFF (default) flashes. Press the + or - button to select ON. Confirm the setting with the LIGHT button.
- The start time DIM START flashes (22:00 default). Use the + or - button to adjust the start time (full hours). Confirm the setting with the LIGHT button.
- The stop time DIM STOP flashes (6:00 default). Use the + or - button to adjust the stop time (full hours). Confirm the setting with the LIGHT button.
- You can now use the + or - button to set whether the display illumination is activated at level 1 (DIM.LVL 1) or switched off (DIM.LVL OFF) during the automatic dimming function. Confirm the setting with the LIGHT button to return to normal mode.

Wireless transmitters

After start-up of the supplied transmitter for temperature and humidity ID-A0 (as described in the quick set-up guide), the measured values appear in the display of the station.

Operation with several transmitters (maximum 5)

A maximum of 5 transmitters can be displayed on the station. Each transmitter has its own ID number (nine digits, alphanumeric). This ID number is printed on the respective transmitter.

- If you press and hold the TX button in the battery compartment of the transmitter for 5 seconds, the ID number is also shown on the display of the transmitter (three digits each in succession).
- If you have connected several transmitters, press the CHANNEL button to change between the channels 1 to 5. The ID number of the received transmitter appears for a short time and the outdoor values are indicated on the display of the base station.
- You can also choose an alternating channel display. Press the CHANNEL button. After the last registered channel, a circle symbol will appear.
- To deactivate the function press the CHANNEL button again.

Loss of the transmitter signal

- If the contact between the transmitter and receiver is lost at a later time after successful reception, the last transmitted values continue to be displayed for 30 minutes, then „-“ appears. The reception symbol for the transmitter disappears.
- After 60 minutes without an update, a search for the registered transmitter is initiated automatically for 5 minutes. If the reception fails, scanning will be repeated every 60 minutes. During the transmitter search, the reception symbol for the transmitter flashes.

Note: When automatically searching for a lost transmitter, only known transmitters (with previously registered individual ID) are searched for and accepted. Transmitters with new IDs are only received by the station in the situation of the first transmitter search after starting the device and with the manual transmitter search.

Manual transmitter search

- Select the desired channel with the CHANNEL button on the base station.
- Press and hold the CHANNEL button for three seconds. A beep will sound. A transmitter ID already registered on this channel will be cancelled and the transmitter search begins.
- The reception symbol for the transmitter will be flashing. Now briefly press the TX button in the battery compartment of the transmitter. The transmission of the data takes place immediately and if the reception is successful, the outdoor values appear on the base station display.

Energy supply

- The base station must be operated with the supplied mains adapter for normal operation. The batteries 3 x 1.5V AA (not included) maintain the function in the event of a power failure, so that no readjustment has to be made and the settings are retained.
- In pure battery operation, the station is in energy-saving mode to reduce power consumption. The WIFI functions and the online connection do not work without a power adapter. There is no permanently illuminated display (only on keypress).

Battery replacement

- As soon as the battery symbol will appear on the outdoor values display of the base station or on the display of the outdoor transmitter, change the batteries of the outdoor transmitter.
- As soon as the battery symbol appears in the display of the indoor values, either no backup batteries are inserted in the base station or they should be changed.
- When the voltage reaches the minimum limit in pure battery operation, the battery symbol starts to flash. Under this condition, there is high risk of system crash. Change the batteries of the base station immediately.

Repeated start-up

- If the device has already been put into operation and the WIFI module still has network data (SSID & PW) in its memory, the WIFI symbol flashes after the mains adapter is plugged in and tries to connect to the Internet and server automatically.
- After successful connection with the local WIFI and internet, the WIFI symbol will appear stable.
- If the connection with the server is given, the frame around the WIFI symbol will appear stable.
- If the server already has a location setting for this device ID, after a short wait, usually 10 to 20 seconds, the corresponding local time and date are received from the server as well as the weather data.
- During start-up, the transmission symbol for the transmitter also flashes. Now briefly press the TX button in the battery compartment of the transmitter.

Checking device ID's

Gateway

- If you press and hold the - button for 3 seconds in normal mode, the station displays the device ID of the built-in WIFI gateway module for 5 seconds (9 digits).

WIFI-version, Firmware-version, DU-Firmware-Version and current IP address

- If you press and hold the + button for 3 seconds in normal mode, the station will display information about the firmware version for the WLAN module (WIFI XXXX, for 2x 4 seconds), then about the device firmware (DU XXXX, for 4 seconds), then 'IP XXX.' (the first 3 digits) will appear for 4 seconds, followed by the remaining 9 digits of the IP address 'XXX.XXX.XXX' for 4 seconds. The display automatically returns to normal mode. If currently not connected with a network, IP will only show dashes, ("----"), during AccessPoint-Mode the pre-programmed IP for AP-mode is indicated, after successful connection with local network the IP is shown within the local network.

If currently not connected with a network, IP will only show dashes, ("----"), during AccessPoint-Mode the pre-programmed IP for AP-mode is indicated, after successful connection with local network the IP is shown within the local network.

Firmware-update

- It is possible to perform a firmware and/or DU firmware update.
- You can select 'OTA' in the footer of the TFA.me portal (go.TFA.me).
- Once the OTA section is open, you can enter the ID number of your station. The system will then check whether newer firmware/DU firmware is available.
- If so, you can perform the update directly by following the instructions in the OTA area

Factory-reset

- In case of a serious malfunction or if you want to reset all settings and memories of the station and the WIFI gateway module to factory settings, press and hold the buttons + and - simultaneously for 5 seconds. A beep will sound. RESET is indicated on the display, to the right appears a symbol that changes during the process. Finally, after approx. 30 seconds, another signal tone sounds.
- Now the device must be put into operation again ([see quick set-up guide](#)).

Installation

Positioning and mounting of the base station and the transmitter

- The base station can be placed onto any flat surface with the fold-out stand at the backside.
- The base station can be wall mounted at a chosen location by the mounting holes found at the back of the unit.
- Make sure to avoid the vicinity of any source of interference such as computer screens, TV sets or solid metal objects.
- Do not place the base station in the vicinity of radiators, other sources of heat or in direct sunlight.
- With the support the outdoor transmitter can be placed onto any flat surface or wall mounted at a chosen location. When placed outdoors, choose a shady and dry place for the transmitter. Direct sunlight may trigger incorrect measurement and continuous humidity damages the electronic components needlessly.
- Once the desired location is chosen, check whether the transmission from the transmitter to the base station is possible (transmission range of up to 100 m in open areas). Within solid walls, especially ones with metal parts, the transmission range can be reduced considerably.
- If necessary, choose another position for the outdoor transmitter and/or base station.
- Make sure that the base station has sufficient reception of the WIFI signal at the installation location.

Care and maintenance

- Clean the devices with a soft damp cloth. Do not use solvents or scouring agents.
- Remove the batteries and unplug the power adapter of the base station if the device will not be used for a long period of time.
- Store the devices in a dry place.

Troubleshooting

Problem	Solution
No display on the base station	Operation with power adapter: Connect the base station to the power adapter Check the power adapter Battery operation: Ensure the batteries' polarities are correct Change the batteries
Display of the base station is not illuminated	Operation with power adapter: Press the LIGHT button to activate the backlight Battery operation: Press any button to activate the backlight briefly
No display on the transmitter	Ensure the batteries' polarities are correct Change the batteries
No reception of the outdoor transmitter Display „- -“	No outdoor transmitter is installed Check the outdoor transmitter's batteries (only use batteries/rechargeable batteries with 1.5V voltage!) Restart the outdoor transmitter and the base station according to the manual Manual search for the transmitter (according to the manual) Choose another place for the transmitter and/or the base station Reduce the distance between the transmitter and the base station Check if there is any source of interference
Incorrect indication	Factory Reset Battery operation: Change the batteries

For more information on troubleshooting, see the [FAQs](#) on our website.

If your device fails to work despite these measures, please contact the retailer where you purchased the product from for advice.

10/2025

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