WEATHER PRO

Funk-Wetterstation

Bedienungsanleitung

Instruction manual
Mode d'emploi
Istruzioni per l'uso
Gebruiksaanwijzing
Bruksanvisning

Kat.Nr.: 35.1161.01

⚠ CAUTION

- Unauthorized repairs, alterations or changes to the devices are prohibited.
- Do not expose the devices to extreme temperatures, vibrations or shocks.
- Clean the devices with a soft damp cloth. Do not use solvents or scouring agents.
- The base station is only suitable for indoor use. Protect it from moisture!

Elements

Wireless weather station (base station) (Fig.1)
Display

INDOOR display (Fig.1-A)

Fig.1-A1	Indoor temperature
Fig.1-A2	Indoor humidity
Fig.1-A3	Alert symbol HI/LO
Fig.1-A4	Trend arrows

CLOCK & DATE display (Fig.1-B)

Fig.1-B1	DCF symbol
Fig.1-B2	Time
Fig.1-B3	Date and weekday
Fig.1-B4	Battery symbol base station

OUTDOOR display (Fig.1-C)

Fig.1-C1	Symbol for alternating channels
Fig.1-C2	Channel number
Fig.1-C3	Outdoor temperature
Fig.1-C4	Outdoor humidity
Fig.1-C5	Alert symbol HI/LO
Fig.1-C6	Battery symbol temperature-humidity sensor
Fig.1-C7	Reception symbol temperature-humidity sensor
Fig.1-C8	Trend arrows

RAIN display (Fig.1-D)

Fig.1-D1	Reception symbol rain sensor
Fig.1-D2	Battery symbol rain sensor
Fig.1-D3	Animated rain symbol (when it is raining)
Fig.1-D4	Today rainfall graph
Fig.1-D5	Today rainfall amount
Fig.1-D6	Rainfall interval and alert symbol
Fig.1-D7	Rainfall amount of the last hour, the last 24 hours, 7 days, current month, year and the total amount of rainfall, history of the last 12 individual months

WIND display (Fig.1-E)

Fig.1-E1	Reception symbol wind sensor
Fig.1-E2	Animated wind wheel symbol (when it is windy)
Fig.1-E3	Battery symbol wind sensor
Fig.1-E4	Prevailing wind direction of the last hour
Fig.1-E5	Current wind speed or maximum wind speed showing time and date of recording of the last 24 hours, 7 days, the current month and year, history of the last 12 individual months
Fig.1-E6	Average wind speed (10 minutes) or maximum wind speed (1 hour)
Fig.1-E7	Alarm symbol
Fig.1-E8	Windchill factor
Fig.1-E9	LCD wind rose with 16 wind directions
Fig.1-E10	Wind interval

FORECAST display (Fig.1-F)

Fig.1-F1	Bar graph indication of atmospheric pressure for the last 24 hours
Fig.1-F2	Relative atmospheric pressure
Fig.1-F3	Weather symbols and trend indicator

Buttons

Fig.1-G	RAIN button
Fig.1-H	WIND button
Fig.1-J	TEMP button
Fig.1-K	+ button
Fig.1-L	- button
Fig.1-M	SET button
Fig.1-N	CHANNEL button
Fig.1-O	ALERTS button

Housing

Fig.1-P	Wall mounting holes
Fig.1-R	Battery compartment
Fig.1-S	Stand (fold out)

Temperature-humidity sensor (Fig.2)

Display

Fig.2-A	Channel 1,2,3
Fig.2-B	Transmission signal
Fig.2-C	Temperature
Fig.2-D	Humidity
Fig.2-E	Battery symbol

Button & housing

Fig.2-F	TX button
Fig.2-G	1 2 3 switch for channel selection
Fig.2-H	Battery compartment
Fig.2-J	Support for wall mounting or table standing

Rain sensor (Fig.3)

Housing

Fig.3-A	Funnel
Fig.3-B	Locking tabs
Fig.3-C	Base
Fig.3-D	Battery compartment
Fig.3-E	Rocker
Fig.3-F	4 screw holes for mounting

Wind sensor (Fig.4)

Housing

Fig.4-A	Wind wheel
Fig.4-B	Solar panel
Fig.4-C	LED signal light
Fig.4-D	Wind vane
Fig.4-E	Opening for attaching the adjustable base
Fig.4-F	2 screws for fixing
Fig.4-G	Battery compartment
Fig.4-H	Adjustable base (180° rotatable)
Fig.4-J	Fixing screw
Fig.4-K	4 screw holes for mounting

Getting started

Insert the batteries

- Place the base station and all transmitter on a table at a distance of about 1.5 meters from each other. Avoid being close to possible sources of interference such as electronic devices and radio equipment.

Temperature-humidity sensor

- Open the battery compartment of the temperature-humidity sensor (Fig.2-H) and insert two new AA 1.5 V batteries, polarity as illustrated. All LCD segments will be displayed for a short moment.
- The transmitter's display shows the current temperature and humidity (Fig.2-C+D). The switch is set to channel 1 (Fig.2-G).
- Close the battery compartment.

Rain sensor

- Open the two tabs (Fig.3-B) on each side of the rain sensor and lift the funnel portion (Fig.3-A) off the base (Fig.3-C).
- Open the battery compartment (Fig.3-D) and insert two new AA 1,5 V batteries. Make sure the polarities are correct (see marking on the cover).
- Close the battery compartment.
- Remove the transport lock of the rocker (Fig.3-E).
- Close the housing cover and lock it.

Wind sensor

- Mount the wind sensor (Fig.4-E) on the adjustable base (Fig.4-H). Tighten the two screws (Fig.4-F).
- Open the battery compartment at the bottom of the device (Fig.4-G) and insert three new batteries 1,5 V AA, polarity as illustrated.
- Close the battery compartment.
- With the solar panel (Fig.4-B) the battery life will be extended.
- The LED signal light (Fig.4-C) is flashing.

Base station

- Remove the protective film from the base station display.
- Insert the three new batteries 1,5 V AA into the battery compartment (Fig.1-R) of the base station. Make sure the polarities are correct.
- The device will alert you with a beep and all LCD segments will be displayed for a short moment.
- The indoor temperature and humidity appear on the display (Fig.1-A1+A2).

Outdoor values reception

- After the batteries are inserted, the outdoor values of the outdoor sensors will be transmitted to the base station.
- The base station will scan the outdoor values of the transmitters. The reception symbols of the temperature-humidity sensor (Fig.1-C7), the wind sensor (Fig.1-E1) and the rain sensor (Fig.1-D1) are flashing.
- If reception is successful, beeps sound and the outdoor values are permanently displayed.
- Outdoor temperature and humidity appear on the display (Fig.1-C3+C4).
- The rainfall amount (initially 0.0 mm) (Fig.1-D5) and the wind speed (initially 0.0 km/h) (Fig.1-E5) are displayed. To simulate values, move the rocker (Fig.3-E) or the wind wheel (Fig.4-A) (transmission time rain sensor: 90 seconds, wind sensor: 31 seconds).
- If the reception of the outdoor values fails within three minutes, "- -" appears on the display. Check the batteries and try it again. Check if there is any source of interference.
- You can also start the outdoor transmitters search manually later (e.g. if the transmitter is lost or if the batteries are changed):
  - Press and hold the CHANNEL button (Fig.1-N) for three seconds to search for the temperature-humidity sensor. Press the TX button (Fig.2-F)button in the transmitter's battery compartment (Fig.2-H).
  - Press and hold the RAIN button (Fig.1-G) for three seconds to search for the rain sensor.
  - Press and hold the WIND button (Fig.1-H) for three seconds to search for the wind sensor.
  - A beep will sound. The registered transmitter will be cancelled. The reception symbol of the transmitter flashes and the base station will scan the outdoor values.

Reception of the DCF frequency signal

- After the reception of the outdoor values, the clock will now scan the DCF frequency signal and the DCF symbol flashes on the display (Fig.1-B1).
- When the time code is successfully received after 3-10 minutes, the radio-controlled time and the DCF symbol will be shown steadily on the display.
- The DCF reception always takes place at 1:00 and 2:00 o'clock in the morning. If the reception was not successfully received, further attempts will be taken at 3:00, 4:00 and 5:00 o'clock.
- You can also activate the DCF reception manually. Press the SET button (Fig.1-M). The DCF reception symbol flashes.
  - There are 3 different reception symbols:
    - "flashing symbol: reception is active
    - " solid: reception is successful
    - no symbol: no DCF reception
- If the clock cannot detect the DCF-signal (e.g. due to interference, transmitting distance, etc.), the time can be set manually.
- The clock will then work as a normal quartz clock (see: "Manual settings").

Note on radio-controlled time

- The time is transmitted from an atomic clock near Frankfurt am Main by a DCF-77 (77.5 kHz) frequency signal with a range of about 1,500 km. Your radio-controlled clock receives the signal, converts it and always shows the exact time. The adjustment of Daylight Saving Time and Standard Time is also automatic.
- During night-time, the atmospheric interference is usually less severe. A single daily reception is adequate to keep the accuracy deviation under 1 second. In extreme cases, please place the unit close to a window to improve reception.

Operation

- During the operation, all successful settings will be confirmed by a brief beep tone. Provided that in the setting mode the button tone is activated (BEEP ON).
- The device will automatically quit the setting mode if no button is pressed for 10 seconds.
- Press the ALERTS button (Fig.1-O) to quit the setting mode.
- Press and hold the + or - button (Fig.1-K+L) in setting mode for fast mode.

Manual settings

- Press and hold the SET button (Fig.1-M) for three seconds to enter the setting mode.
- Beep ON (default) flashes on the display. Press the + or - button (Fig.1-K+L) to deactivate (OFF) or activate again the button tone.
- Confirm the setting with the SET button.
- The next adjustable value flashes on the display.
- Use the + or - button to make the desired setting.
- Confirm with the SET button and go to the next setting.
  - The sequence is shown as follows:
    - Button tone ON/OFF (default: BEEP ON)
    - DCF reception ON/OFF (default: DCF ON)
    - Time zone -12/+12 (default: 0H)
    - Hour, minute (Fig.1-B2)
    - Year, month, day (Fig.1-B3)
    - Atmospheric pressure setting (default: 1013 hPa) (Fig.1-F2)
    - Unit of the wind speed (km/h (default), m/s or bft) (Fig.1-E5)
    - Average wind speed (AVG 10, default) or maximum wind speed (TOP 1HR) (Fig.1-E6)
    - Prevailing wind direction, optionally as cardinal points (default) or degrees (Fig.1-E4)
    - Day-of-week language (default: GER) (Fig.1-B3)

DCF reception

- By default, the DCF reception is activated (DCF ON) and after successful reception of the DCF signal no manual time setting is necessary.
- Once the DCF time reception is deactivated (DCF OFF) the clock must be manually set.
- If the DCF reception is activated, the manually set time will be overwritten by the DCF time when the signal is received successfully.

Time zone setting

- In the setting mode you can make the time zone correction
- The time zone correction is needed for countries where the DCF signal can be received but the time zone is different from the DCF time (e.g. +1=one hour plus).

Atmospheric pressure setting

- The relative atmospheric pressure (Fig.1-F2) is referred to the sea level's pressure and has to be adjusted first to your local altitude. Ask for the current atmospheric pressure of your home area (Local weather service, Internet, optician, calibrated instruments in public buildings and airport).

Day-of-week language setting

- In the setting mode you can choose the day-of-the-week language.
- Day-of-the-week language: German (GER), English (ENG), French (FRE), Italian (ITA), Dutch (DUT), Spanish (SPA), Swedish (SWE) and Czech (CZE).

Temperature and humidity
Trend arrows

- The trend arrows (Fig.1-A4+C8) indicate whether the values for temperature and humidity of the last 15 minutes are increasing, steady or decreasing.

  ↑ Temperature/humidity are increasing
  → Temperature/humidity are steady (change < 0.5°C/2%)
  ↓ Temperature/humidity are decreasing

Maximum and minimum values

- Press several times the TEMP button (Fig.1-J) button in normal mode.
- You can now see the highest (HI) and lowest values (LO) (Fig.1-A3+C5)) since the last reset with time and date of recording.
- The sequence is shown as follows: Indoor temperature (HI/LO), indoor humidity (HI/LO), outdoor temperature (HI/LO), outdoor humidity (HI/LO).
- If you have connected more than one temperature-humidity sensor, the highest and lowest values for additional channels appear.
- Press the TEMP button once more, to go back to the current values display.
- The device will automatically quit the HI/LO mode if no button is pressed.
- Press and hold the - button (Fig.1-L) for 3 seconds while the maximum or minimum values are displayed to clear the recorded readings (display - -).

Forecast

Weather forecast symbols

- The weather station has five different weather symbols (sunny, slightly cloudy, cloudy, rainy, stormy). (Fig.1-F3).
- The weather forecast relates to a range of 12 to 24 hours and indicates only a general weather trend. For example, if the current weather is cloudy and the rain symbol is displayed, it does not mean the product is faulty because it is not raining. It simply means that the air pressure has dropped and the weather is expected to get worse but not necessarily rain.

Trend arrows

- The trend arrows on the display will show whether the atmospheric pressure of the last 3 hours is increasing, steady or decreasing.

↗	Increase (+1-2 hPa):	Weather improvement
↑	Fast increase (>+2hPa):	Significant weather improvement
→	Steady (+-1hPa):	Stable weather conditions
↘	Decrease (-1-2 hPa):	Weather deterioration
↓	Fast decrease (>-2hPa):	Significant weather deterioration

Atmospheric pressure

- The relative atmospheric pressure (Fig.1-F2) is referred to the sea level's pressure and **has to be adjusted** first to your local altitude (see: "Manual settings").

Developing of atmospheric pressure

- The bar graph indication (Fig.1-F1) of atmospheric pressure shows the last 24 hours.
- The "0h" in the middle of this scale is equal to the current pressure and each change (±2, ±4, ±6) represents how high or low in "hPa" the past pressure was compared to the current pressure (Fig.1-F2) .
- If the bars go down, it means the atmospheric pressure has dropped and the weather is expected to get worse.
- If the bars are rising it means that the weather is getting better.

Wind

Wind speed

- The wind wheel symbol (Fig.1-E2) is animated when it is windy and moves according to the wind speed:

One loop per 2 seconds:	Wind speed < 5 km/h
One loop per second:	Wind speed > 5km/h

- In the setting mode you can select the unit of the wind speed in km/h (default), m/s or Beaufort (see "Manual settings").
- The current wind speed (WINDSPEED) (Fig.1-E5) corresponds to the average value of 5 seconds. The maximum value is transmitted every 31 seconds.
- In the setting mode, you can select between the average wind speed of the last 10 minutes (AVG 10, default setting) or the maximum wind speed of the last hour (TOP 1HR) as the permanent display (see "Manual settings").
- Press the WIND button (Fig.1-H) in normal mode to display the maximum wind speed for different time intervals, indicating the time and date of recording:
  - Maximum wind speed of the last 24 hours (24 HRS)
  - Maximum wind speed of the last 7 days (7 DAYS)
  - Maximum wind speed of the last month (MONTH). You can toggle through the past 11 months of maximum wind speed history when you are in MONTH view by pressing the + button (Fig.1-K).
  - Maximum wind speed of the current year (YEAR).
- **NOTE:** Hold the - button (Fig.1-L) for 3 seconds in the respective wind speed display to clear the recorded readings. Every display can be reset individually.
- The device will automatically quit the mode if no button is pressed for 5 seconds.

Wind direction

- The large triangle on the LCD wind rose (Fig.1-E9) indicates the wind direction (16 wind directions).
- In addition, the PREVAILING DIRECTION (Fig.1-E4) of the last hour is displayed. In the setting mode, you can choose between showing the cardinal direction or the number of degrees on the display (see "Manual settings").

"Feels Like" temperature (WIND CHILL)

- Wind Chill (Fig.1-E8) is a calculative value of outdoor temperature (of CH1) and wind speed.
- **Note:** The wind chill calculator only works for temperature at or below 10°C and wind speeds above 4.83 km/h (3 mph), otherwise the current outdoor temperature is displayed.

Rain

Rainfall amount indication

- The rainfall amount of today (since 0:00h) (Fig.1-D5) is shown in mm and on a corresponding graph (Fig.1-D4). If the display range of the daily rainfall for the graph is exceeded (>30 mm), the symbol **">"** appears above the 30mm indication.
- When it starts to rain the rain drop symbol (Fig.1-D3) begins to flash. If there is no precipitation for 30 minutes, the drops are no longer displayed.
- Press the RAIN button (Fig.1-G) in normal mode to switch between the rainfall displays for different time intervals (Fig.1-D7):
  The last selected display is permanently active (default 24 HRS).
  - Rainfall amount of the last hour (1HR)
  - Rainfall amount of the last 24 hours (24HRS)
  - Rainfall amount of the last 7 days (7 DAYS)
  - Rainfall amount of the last month (MONTH). You can toggle through the past 11 months of rainfall history when you are in MONTH view by pressing the + button (Fig.1-K).
  - Rainfall amount of the last year (YEAR)
  - Indication of TOTAL rainfall amount since setting up or the last reset.
- **NOTE:** Hold the - button (Fig.1-L) for 3 seconds in the respective rainfall amount indication to clear the recorded readings. Every rainfall amount indication can be reset individually.

Alert settings

- Press and hold the ALERTS button (Fig.1-O) for three seconds to enter the alert setting mode.
- OFF is flashing and the first option "upper limit of wind speed" is displayed. If you do not want to set this alert, press the ALERTS button again to move to the next alert.
- To activate (ON) or deactivate (OFF) the alert setting function, press the + or - button (Fig.1-K+L) while ON or OFF flashes.
- If you have activated the alert (ON), wait some seconds until the alert value flashes.
- Press + or - button to adjust the respective alert value.
- Confirm with the ALERTS button and go to the next setting.
  - The sequence is shown as follows:
    - Upper limit wind speed (1...178 km/h)
    - 24-hour rainfall (1...990mm)
    - Lower (LO) and upper limit (HI) indoor temperature (0...50°C)
    - Lower (LO) and upper limit (HI) indoor humidity (10...99%RH)
    - Lower (LO) and upper limit (HI) outdoor temperature CH1 (-40...60°C)
    - Lower (LO) and upper limit (HI) outdoor humidity CH1 (10...99%RH)
- If you have connected more than one temperature-humidity sensor, the alert setting for additional channels appears.
- When activated, the corresponding alert symbols (⚠ | ⛰) appear on the display.

Alarm event

- In the event of an alarm, the corresponding symbol (⚠ | ⛰) will be flashing and an alarm tone will sound 5 times per minute.
- Stop the alarm sound with any button.
- The alert symbol continues to flash until the measured value is within the alarm limits.

Mounting

Base station positioning

- With the foldable leg at the back (Fig.1-S) , the base station can be placed onto any flat surface.
- The base station can be wall mounted at a chosen location by the mounting holes found at the back of the unit (Fig.1-P). Make sure to avoid the vicinity of any source of interference such as computer screens, TV sets or solid metal objects. Within solid walls, especially ones with metal parts, the transmission range can be reduced considerably.
- Do not use the product in the vicinity of radiators, other sources of heat or in direct sunlight.

Installation of the transmitters

- Before the final installation, make sure that the measured values are transmitted from the transmitter at the desired installation site to the base station in the living area.
- Also make sure that the transmitters are easily accessible for cleaning and maintenance. The outdoor transmitters should be cleaned from time to time, since dirt and debris will affect the sensor's accuracy.

Temperature-humidity sensor (Fig.2)

- When placed outdoors, choose a shady and dry place for the temperature-humidity sensor. Direct sunlight may trigger incorrect measurement and continuous humidity damages the electronic components needlessly.

Rain sensor (Flg.3)

- Place the rain sensor horizontally in an area where rain can fall directly into the container, ideally 60 to 90 cm above the ground on a small platform.
- You can tighten the rain sensor in the desired position with four screws (Fig.3-F).

Wind sensor (Fig.4)

- Make sure that the wind can blow freely around the wind sensor and is not blocked by nearby buildings, trees or any other objects.
- For best results, we recommend mounting the wind sensor on a mast, ideally 3 metres above any obstructions.
- Try to install the wind sensor so that it will be exposed to the normal wind conditions in your area.
- Attach the delivered adjustable base (Fig.4-H) to a mast (ø 25-28mm). Matching metal brackets and nuts are included in the scope of delivery.
- The adjustable base can also be attached to a surface. First screw the base in the desired position with the four screws (Fig.4-K). The adjustable base may be rotated by 90°/180°. Open the fixing screw (Fig.4-J) and loosen the adjustable base (Fig.4-H). Turn it in the desired position and tighten the fixing screw again.
- Make sure that the adjustable base is securely fastened.
- Then place the wind sensor on the adjustable base (Fig.4-E) and fix it with the screws (Fig.4-F).
- The wind wheel points upwards and the wind vane downwards.
- Ensure the wind sensor is mounted level with the solar panel (Fig.4-B) facing directly to the South. This will help optimize battery life and transmit correct wind direction. Use a compass if necessary.

Additional outdoor transmitters (optional) Cat.-No. 30.3249.02

- When having more than one temperature-humidity sensor, select a different channel for each one with the CH 1/2/3 switch (Fig.2-G) inside the transmitter's battery compartment. Insert two new AA 1.5 V batteries, polarity as illustrated. Start the base station operation or the manual search for the outdoor transmitters.
- The outdoor values and the channel number will be shown on the base station display (Fig.1-C2). If you have installed more than one temperature-humidity sensor, press the CHANNEL button (Fig.1-N) on the base station to change between the channels 1 to 3.
- You can also choose an alternating channel display. Press CHANNEL button. After the last registered channel (1 to 3) a circle symbol (Fig.1-C1) will appear. To deactivate the function press the CHANNEL button again.
- After a successful installation close the outdoor transmitter's battery compartments carefully.

Care and maintenance

- Clean the devices with a soft damp cloth. Do not use solvents or scouring agents.
- Make sure that the wind cups and the vane can spin freely and are free from dirt, debris or spider webs.
- Check and clean the rain gauge periodically for optimum performance of the rainfall measurement. The funnel should be routinely cleaned and freed from leaves and dirt.
- Remove the batteries if you do not use the devices for a long period of time.

Battery replacement

- As soon as the corresponding battery symbols appears in the display, please change the batteries of the base station (Fig.1-B4) or transmitters (Fig.1-C6, Fig.2-E, Fig.1-D2, Fig.1-E3).
- **Please note:** When the batteries are changed, the contact between the outdoor transmitters and the base station must be restored – so always restart all devices or start a manual transmitter search (see "Outdoor values reception").

Troubleshooting

Problem	Solution
No indication on the base station	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 Start the outdoor transmitter manual search 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	Change the batteries **Factory reset:** To reset to factory setting, hold the RAIN (Fig.1-G) and ALERTS (Fig.1-O) button on the base station for five seconds at the same time.

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

Specifications

Measuring range indoor

Temperature:	0 °C... +50 °C
Humidity:	10 %rH..99 %rH
Temperature resolution:	0.1 °C
Humidity resolution:	1%
Temperature accuracy:	± 1°C (0...+50°C)
Humidity accuracy:	± 5% @ 25°C (30%...85% rH)

Measuring range outdoor

Temperature:	-40°C...+60°C
Humidity:	10 %rH..99 %rH
Temperature resolution:	0.1 °C
Humidity resolution:	1%
Temperature accuracy:	± 1°C (0...+50°C)
Humidity accuracy:	± 5% @ 25°C (30%...85% rH)
Today rainfall amount:	0...199.9mm
Rainfall history:	0...9999mm
Wind speed :	0 ... 178km/h
Resolution:	0.1 km/h (0...19.9), 1 km/h (>19.9)
Wind accuracy:	± 10%, ± 3km/h

Range:	up to 100 m (open field)
Transmission frequency :	433 MHz
Maximum radio-frequency power:	< 10mW
Batteries:	Base station: 3 x 1,5 V AA Temperature-humidity sensor: 2 x 1,5 V AA Wind sensor: 3 x 1,5 V AA Rain sensor: 2 x 1,5 V AA Batteries not included. We recommend alkaline batteries.

Base station

Dimensions:	226 x 30 (86) x 138 (132) mm
Weight:	311 g (device only)

Waste disposal

This product and its packaging have been manufactured using high-grade materials and components which can be recycled and reused. This reduces waste and protects the environment.

Dispose of the packaging in an environmentally friendly manner using the collection systems that have been set up.

Disposal of the electrical device

Remove non-permanently installed batteries and rechargeable batteries from the device and dispose of them separately. This product is labelled in accordance with the EU Waste Electrical and Electronic Equipment Directive (WEEE). This product must not be disposed of in ordinary household waste. As a consumer, you are required to take end-of-life devices to a designated collection point for the disposal of electrical and electronic equipment, in order to ensure environmentally-compatible disposal. The return service is free of charge. Observe the current regulations in place

Disposal of the batteries

Never dispose of empty batteries and rechargeable batteries with ordinary household waste. They contain pollutants which, if improperly disposed of, can harm the environment and human health. As a consumer, you are required by law to take them to your retail store or to an appropriate collection site depending on national or local regulations in order to protect the environment. The return service is free of charge.
The symbols for the contained heavy metals are: Cd = cadmium, Hg = mercury, Pb = lead

EU Declaration of conformity

Hereby, TFA Dostmann declares that the radio equipment type 35.1161 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:
www.tfa-dostmann.de/service/downloads/ce

www.tfa-dostmann.de | E-Mail: info@tfa-dostmann.de

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08/23

WEATHER PRO

F

Station météo radio-pilotée

N°- d'art. : 35.1161.01

Contenu de la livraison :

- Station météo radio-pilotée (station de base)
- Émetteur température - humidité (N°- d'art. : 30.3249.02)
- Pluviomètre (N° d'art. : 30.3233.01)
- Anémomètre fonctionnant avec l'énergie solaire (N° d'art. : 30.3251.10)
- Support pour l'anémomètre
- Matériel de montage pour l'anémomètre
- Mode d'emploi

Aperçu du domaine d'utilisation et de tous les avantages de votre nouvel appareil :

- Température et humidité extérieures, vitesse et direction du vent et précipitations via trois émetteurs extérieurs sans fil (433 MHz), rayon d'action de max. 100 mètres (champ libre)
- Température et humidité intérieures
- Flèches de tendance, valeurs maximales et minimales indiquant l'heure et date de la mémorisation
- Conditions d'alarme réglables pour la température, l'humidité, la pluie et le vent
- Prévisions météo par symboles et tendance de la pression atmosphérique
- Pression atmosphérique relative et développement graphique des dernières 24 heures
- Affichage graphique de la direction du vent (rose des vents LCD) et affichage de la direction du vent dominante, au choix sous forme de points cardinaux ou degrés
- Affichage de la vitesse actuelle, moyenne ou maximale du vent
- Affichage de la vitesse maximale du vent au cours des dernières 24 heures, des 7 derniers jours, du dernier mois, de la dernière année, indiquant l'heure et la date de mémorisation
- Température de refroidissement éolien (Windchill)
- Affichage de la quantité de pluie du jour par un diagramme
- Affichage de la quantité de pluie au cours de la dernière heure, des dernières 24 heures, des 7 derniers jours, du dernier mois, de la dernière année et affichage de la quantité de pluie totale
- Fonction de mémoire des 12 derniers mois
- Horloge radio-pilotée avec date complète et jour de la semaine (en 8 langues)
- En option : peut être complété de jusqu'à 3 émetteurs thermo-hygro (vendus séparément)

Consignes de sécurité

⚠ AVERTISSEMENT

- Placez vos appareils et les piles hors de la portée des enfants.
- Les petites pièces peuvent être avalées par les enfants (moins de trois ans).
- Les piles contiennent des acides nocifs pour la santé et peuvent être mortelles dans le cas d'une ingestion. Si une pile a été avalée, elle peut entraîner des brûlures internes graves ainsi que la mort dans l'espace de 2 heures. Si vous craignez qu'une pile ait pu être avalée ou ingérée d'une autre manière, quelle qu'elle soit, contactez immédiatement un médecin d'urgence.
- Ne jetez jamais de piles dans le feu, ne les court-circuitez pas, ne les démontez pas et ne les rechargez pas. **Risque d'explosion !**
- Une pile faible doit être remplacée le plus rapidement possible afin d'éviter toute fuite. Veillez à la bonne polarité des piles. N'utilisez jamais simultanément de piles anciennes avec des piles neuves ou des piles de types différents. Retirez les piles si vous n'utilisez pas votre appareil pendant une durée prolongée. Évitez tout contact de la peau, des yeux et des muqueuses avec le liquide des piles. En cas de contact, rincez immédiatement les zones concernées à l'eau et consultez un médecin.

⚠ ATTENTION

- Vous ne devez en aucun cas réparer, démonter ou modifier les appareils par vous-même.
- Évitez d'exposer l'appareil à des températures extrêmes, à des vibrations ou à des chocs.
- Pour le nettoyage de votre appareil, utilisez un chiffon doux et humide. N'utilisez pas de solvants ou d'agents abrasifs !
- La station de base ne peut être utilisée qu'à l'intérieur. Protégez l'appareil contre l'humidité !

Composants

Station météo (station de base) (Fig.1)
Affichage

Affichage INDOOR (Fig.1-A)	
Fig.1-A1	Température intérieure
Fig.1-A2	Humidité intérieure
Fig.1-A3	Symbole d'alarme HI/LO
Fig.1-A4	Flèches de tendance

Affichage RAIN (Fig.1-D)	
Fig.1-D1	Symbole de réception pour le pluviomètre
Fig.1-D2	Symbole de pile pour le pluviomètre
Fig.1-D3	Symbole de pluie animé (en cas de pluie)
Fig.1-D4	Diagramme quantité de pluie du jour
Fig.1-D5	Quantité de pluie du jour
Fig.1-D6	Intervalle quantité de pluie avec symbole alarme
Fig.1-D7	Quantité de pluie au cours de la dernière heure, des dernières 24 heures, des 7 derniers jours, du mois et de l'année en cours et quantité totale, historique des 12 derniers mois

Affichage DATE ET HEURE (Fig.1-B)	
Fig.1-B1	Symbole de réception DCF
Fig.1-B2	Horloge
Fig.1-B3	Jour de la semaine et date
Fig.1-B4	Symbole de pile faible pour la station de base

Affichage WIND (Fig.1-E)	
Fig.1-E1	Symbole de réception pour l'anémomètre
Fig.1-E2	Symbole de l'éolienne animé (en cas de vent)
Fig.1-E3	Symbole de pile pour l'anémomètre
Fig.1-E4	Direction de vent dominante de la dernière heure
Fig.1-E5	Vitesse actuelle ou maximale du vent indiquant l'heure et la date de la mémorisation au cours de dernières 24 heures, des 7 derniers jours, du mois et de l'année en cours, ainsi que l'historique des 12 derniers mois
Fig.1-E6	Vitesse moyenne du vent (sur 10 minutes) ou vitesse maximale du vent (sur 1 heure)
Fig.1-E7	Symbole d'alarme
Fig.1-E8	Température de refroidissement éolien (Windchill)
Fig.1-E9	Rose des vents LCD avec 16 directions du vent
Fig.1-E10	Intervalle vent

Affichage OUTDOOR (Fig.1-C)	
Fig.1-C1	Symbole de changement de canal automatique
Fig.1-C2	Numéro de canal
Fig.1-C3	Température extérieure
Fig.1-C4	Humidité extérieure
Fig.1-C5	Symbole d'alarme HI/LO
Fig.1-C6	Symbole de pile faible pour l'émetteur thermo-hygro
Fig.1-C7	Symbole de réception pour l'émetteur thermo-hygro
Fig.1-C8	Flèches de tendance

Affichage FORECAST (Fig.1-F)	
Fig.1-F1	Développement graphique de la pression atmosphérique des dernières 24 heures
Fig.1-F2	Pression atmosphérique relative
Fig.1-F3	Symboles météo et indication de la tendance

Touches	
Fig.1-G	Touche RAIN
Fig.1-H	Touche WIND
Fig.1-J	Touche TEMP
Fig.1-K	Touche +
Fig.1-L	Touche -
Fig.1-M	Touche SET
Fig.1-N	Touche CHANNEL
Fig.1-O	Touche ALERTS

Boîtier	
Fig.1-P	Œillets de suspension
Fig.1-R	Compartiment à piles
Fig.1-S	Support (dépliable)

Émetteur thermo-hygro (Fig.2)

Affichage	
Fig.2-A	Canal 1,2,3
Fig.2-B	Signal de transmission
Fig.2-C	Température
Fig.2-D	Humidité
Fig.2-E	Symbole de pile

Touches & Boîtier	
Fig.2-F	Touche TX
Fig.2-G	Interrupteur 1/2/3 pour la sélection du canal
Fig.2-H	Compartiment à piles
Fig.2-J	Support pour suspension ou pour placement sur une surface plane

Anémomètre (Fig.4)

Boîtier			
Fig.4-A	Éolienne	Fig.4-F	2 vis de fixation
Fig.4-B	Panneau solaire	Fig.4-G	Compartiment à piles
Fig.4-C	Lampe de signalisation à DEL	Fig.4-H	Bras-support toumant à 180°
		Fig.4-J	Vis de fixation
Fig.4-D	Girouette	Fig.4-K	4 trous pour vis pour le montage
Fig.4-E	Ouverture pour fixer le bras-support		

Pluviomètre (Fig.3)

Boîtier	
Fig.3-A	Cuvette
Fig.3-B	Fixation
Fig.3-C	Base
Fig.3-D	Compartiment à piles
Fig.3-E	Pièce basculante
Fig.3-F	4 trous pour vis pour le montage

Mise en service

Insertion des piles

- Déposez la station de base et tous les émetteurs sur une table à une distance d'environ 1,5 mètre l'un de l'autre. Évitez la proximité de sources parasites (appareils électroniques ou appareils radio).

Émetteur thermo-hygro

- Ouvrez le compartiment à piles de l'émetteur thermo-hygro (Fig.2-H) et insérez deux piles neuves de type 1,5 V AA. Tous les segments s'allument brièvement.
- La température et l'humidité actuelles apparaissent sur l'écran (Fig.2-C+D) de l'émetteur. L'interrupteur est réglé sur le canal 1 (Fig.2-G).
- Refermez le compartiment à piles.

Pluviomètre

- Appuyez sur les deux fixations (Fig.3-B) sur la partie du pluviomètre et retirez le boîtier avec l'entonnoir (Fig.3-A) de la base(Fig.3-C).
- Ouvrez le compartiment à piles (Fig.3-D) et insérez deux piles neuves de type 1,5 V AA. Veillez à la bonne polarité des piles (voir marquage sur le couvercle).
- Refermez le compartiment à piles.
- Retirez la sécurité de transport de la bascule (Fig.3-E).
- Refermez le couvercle du boîtier.

Anémomètre

- Montez l'anémomètre (Fig.4-E) sur le bras de support (Fig.4-H). Serrez les deux vis (Fig.4-F).
- Ouvrez le compartiment à piles (Fig.4-G) sur la partie inférieure et insérez trois piles neuves de type 1,5 V AA.
- Refermez le compartiment à piles.
- Grâce au panneau solaire (Fig.4-B) , la durée de vie des piles sera prolongée.
- La lampe de signalisation clignote (Fig.4-C).

Station de base

- Retirez le film de protection de l'écran de la station de base.
- Insérez trois piles neuves de type 1,5 V AA dans la station de base (Fig.1-R) Veillez à la bonne polarité des piles.
- Un signal sonore se fait entendre et tous les segments s'allument brièvement.
- La température et l'humidité ambiantes s'affichent sur l'écran (Fig.1-A1+A2).