

Quick set-up guide



WIFI Wireless Weather Station ID-05



Cat.-no. 35.8106.01
The complete manual can be downloaded from
www.tfa-dostmann.de/en/service/downloads/instruction-manuals.



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Istruzioni per l'uso
Instrucciones de uso
Instrukcja obsługi

Mode d'emploi
Gebruiksaanwijzing
Bruksanvisning
Návod k použití

Vielen Dank, dass Sie sich für dieses Gerät aus dem Hause TFA Dostmann entschieden haben.

Bevor Sie mit dem Gerät arbeiten: Lesen Sie sich bitte die Bedienungsanleitung genau durch.
Die Bedienungsanleitung liegt dem Gerät bei oder zum Download unter
www.tfa-dostmann.de/service/downloads/anleitungen

Beachten Sie besonders die Sicherheitshinweise! Bewahren Sie die Bedienungsanleitung gut auf!

Thank you for choosing this instrument from TFA Dostmann.
Before you use this product: Please make sure you read the instruction manual carefully.
The instruction manual is enclosed with the device or can be downloaded at
www.tfa-dostmann.de/en/service/downloads/instruction-manuals
Please take particular note of the safety advice!
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Suivez bien toutes les consignes de sécurité ! Conservez soigneusement le mode d'emploi !

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Prestate particolare attenzione alle misure di sicurezza!
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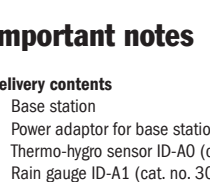
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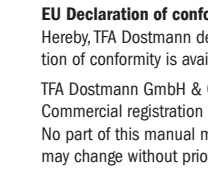
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Important notes

Delivery contents

- Base station
- Power adaptor for base station
- Thermo-hygro sensor ID-A0 (cat. no. 30.3900.02)
- Rain gauge ID-A1 (cat. no. 30.3903.02)
- Solar wind sensor ID-A2 (cat. no. 30.3904.02)
- Instruction manual

Before you use this product

Please make sure you read the quick setup guide carefully. Following and respecting the instructions in your manual 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.

For your safety

This product should only be used as described within these instructions. Unauthorised repairs, alterations or changes to the product are prohibited. Please pay particular attention to the safety notices! Please keep this instruction manual safe for future reference.



Caution! Risk of electrocution!

- Plug the base station only into a mains socket installed within your country's electrical safety regulations and with a correct mains voltage (see nameplate).
- The mains socket must be located near the equipment and it must be easily accessible.
- Unplug the device immediately if any fault occurs.
- The base station and the power adapter must not come into contact with water or moisture. Suitable for indoor use only.
- Do not use the device if the housing or the power adapter are damaged.
- Operate the device out of reach of persons (including children) who cannot fully appreciate the potential risks of handling electrical equipment.
- Only use the supplied power adapter.
- Route the mains cable so it does not come into contact with sharp-edged or hot objects.

! Important information on product safety!

- 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.
- Remove the batteries from all devices if you do not use the products for a long period of time.
- Store the devices in a dry place.

Batteries containing lithium carry a risk of fire or explosion due to heat or mechanical damage!

- Protect it from high temperatures. Do not throw into fire, short-circuit or take apart. If the device becomes hot while charging or the battery is no longer charged, this is a sign of a defect. Disconnect the device from the charging power source immediately.
- The battery cannot and must not be replaced or removed by you. There is a risk of explosion if the battery is replaced incorrectly. If necessary, a qualified person can obtain instructions on how to dismantle the permanently installed battery from info@tfa-dostmann.de, should this be necessary for the purpose of repairing or recycling the product.

Important notes

WARNING! Risk of injury:

- Keep the devices and the batteries out of reach of children.
- Small parts can be swallowed by children (under three years old).
- Batteries contain harmful acids and may be hazardous if swallowed. If a battery is swallowed, this can lead to serious internal burns and death within two hours. If you suspect a battery could have been swallowed or otherwise caught in the body, seek medical help immediately.
- Batteries must not be thrown into a fire, short-circuited, taken apart or recharged. **Risk of explosion!**
- Low batteries should be changed as soon as possible to prevent damage caused by leaking. Make sure the polarities are correct. Never use a combination of old and new batteries together, nor batteries of different types.
- Remove the batteries if the device will not be used for an extended period of time.
- Avoid contact with skin, eyes and mucous membranes when handling leaking batteries. In case of contact, immediately rinse the affected areas with water and consult a doctor!

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 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. 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 such as heavy metals, which can be harmful to the environment and human health if disposed of improperly, and valuable raw materials such as iron, zinc, manganese or nickel that can be recovered from waste. 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. You can obtain addresses of suitable collection points from your city council or local authority. The symbols for the contained heavy metals are: Cd = cadmium, Hg = mercury, Pb = lead.

Reduce the generation of waste from batteries by using batteries with a longer lifespan or suitable rechargeable batteries. Avoid littering the environment and do not leave batteries or battery-containing electrical and electronic devices lying around carelessly. The separate collection and recycling of batteries and rechargeable batteries make an important contribution to relieving the impact on the environment and avoiding health risks.



WARNING! Batteries containing lithium can explode

Old batteries and rechargeable batteries containing lithium (Li=lithium) present a high risk of fire and explosion due to heat or mechanical damage with potentially serious consequences for people and the environment. Pay particular attention to correct disposal.



EU Declaration of conformity

Hereby, TFA Dostmann declares that the radio equipment type 35.8106 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

TFA Dostmann GmbH & Co.KG, Zum Ottersberg 12, 97877 Wertheim, Deutschland
Commercial registration number: Reg. Gericht Mannheim HRA 570186

No part of this manual may be reproduced without written consent of TFA Dostmann. The technical data are correct at the time of going to print and may change without prior notice. For more information and a detailed description, go to www.tfa.me.

Specifications

Base station

Measuring range - temperature: 0°C ... +50°C
Measuring range humidity: 10% ... 99% rH
Accuracy: Temperature: ± 1°C at 0...+50°C
Humidity: ± 5% at 25°C from 30...80%rH

Power supply:

Batteries (backup): 3 x 1.5V AA (not included)
Input power adapter: 100-240 V~, 50/60 Hz, 0.3A Max
Output power adapter: 5 V~, 0.6A, 3.0W
Average active efficiency: ≥ 69,64%

No-load power consumption:

≤ 0.1 W
Transmission frequency: 868 MHz
Maximum radio-frequency power: < 25mW

Range:

max. 100 m (open field)

Dimensions:

217 x 30 (47) x 139 (141) mm

Weight:

378 g (device only)

Wi-Fi requirements

Wifi transmission frequency: 2.4 GHz (802.11 b/g/n)
Network name: Must not exceed 32 characters
Network password: Must not exceed 63 characters
Network speed: Minimum 1 Mbit/s

Important! Your WLAN router must support the 2.4 GHz radio standard. For multi-band routers that support 2.4 and 5 GHz, the 2.4 GHz network must be switched on.

	Temperature-humidity sensor	Rain gauge	Solar wind sensor
Measuring range:	-40°C ... +60°C 10% ... 99% rH	0 ... 9999 mm	0 ... 49.9 m/s (0 ... 179 km/h)
Power supply:	Batteries 2 x 1.5V AA (not incl.)	Batteries 2 x 1.5V AA (not incl.)	Batteries 2 x 1.5V AA (not incl.) 1 x Li-Ion battery 1200 mAh, (incl.)
Battery life:	ca. 2 years (with Alkaline batteries)	ca. 2 years (with Alkaline batteries)	
Dimensions:	46 (52) x 23 (38) x 117 (124) mm	180 x 120 x 134 mm	251 x 180 x 188 mm
Weight:	56 g (device only)	218 g (device only)	287 g (device only)

To start up your TFA.me station, it must first be connected to the Internet via your WiFi network. Following it is necessary to configure the location.

Please have your network password to hand.

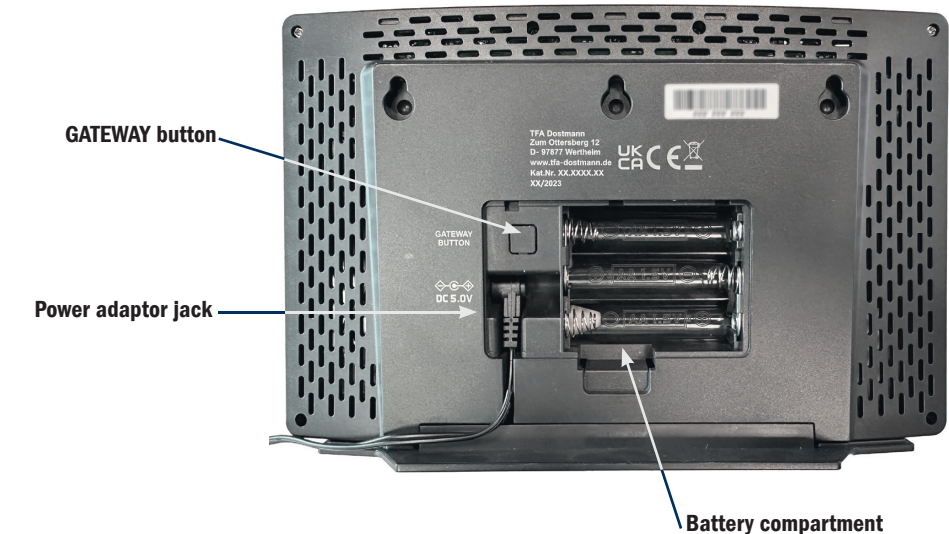
Connect the attached power adapter to the base station. Open the battery compartment of the base station. Insert three new AA 1.5 V batteries, polarity as illustrated.

Note: The batteries will operate as a backup power source in case of power failure or change of location and maintain operation.

IMPORTANT:

Hold the GATEWAY button on the base station for three seconds. The station is now in the access-point mode.

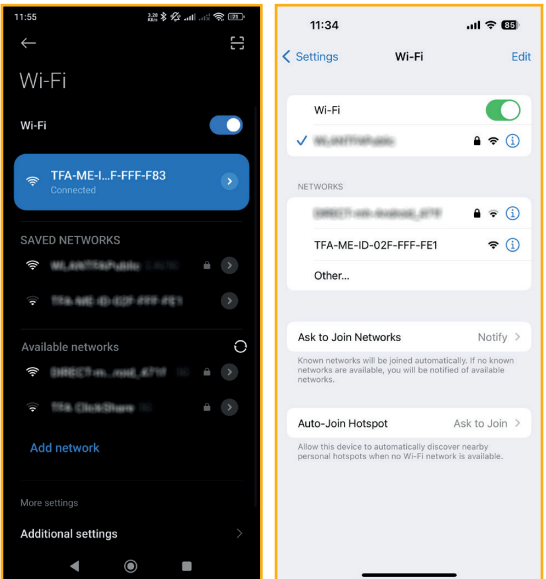
Note: The **GATEWAY button** is located inside the battery compartment of the station.



Setup with smartphone or tablet

Please deactivate the Internet connection via mobile data/network reception for the duration of the installation. Then open your WiFi settings and establish a connection to the station. You can recognise it by the name of the network and the station ID „TFA-ME-ID-XXX-XXX-XXX“.

Note: The smartphone/tablet often reports shortly after connection that there is no Internet connection via this device. This is initially unimportant and can be ignored.



Android

iOS

Setup with a computer

Open your network administration and establish a connection to the station via WiFi. You can recognise it by the name of the network and the station ID „TFA-ME-ID-XXX-XXX-XXX“.

Note: Update the list of available networks if the station's WiFi is not displayed.

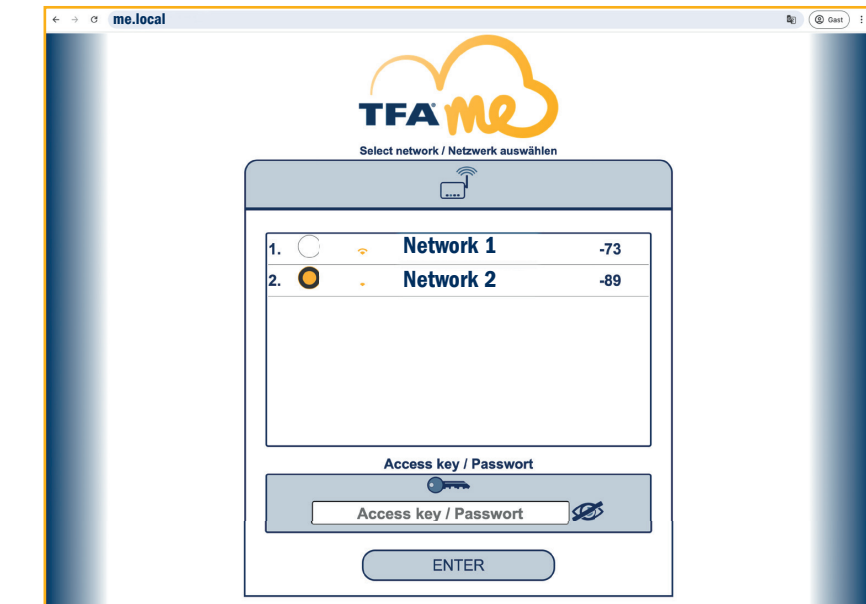
Setup with WiFi CONNECTION

Open the „me.local“ page on your smartphone, tablet or computer using any internet browser.

Select your network (WiFi) on the page, enter the corresponding password and confirm your entry with **ENTER**.

If reception is successful, a short signal tone sounds at the station. The WiFi symbol is displayed statically when the connection has been established

Note: As an alternative to „me.local“, the IP address „192.168.8.1“ can also be entered in the browser.



IMPORTANT! Your WiFi router must support the 2.4 GHz radio standard. For multi-band routers that support 2.4 and 5 GHz, the 2.4 GHz network must be switched on.

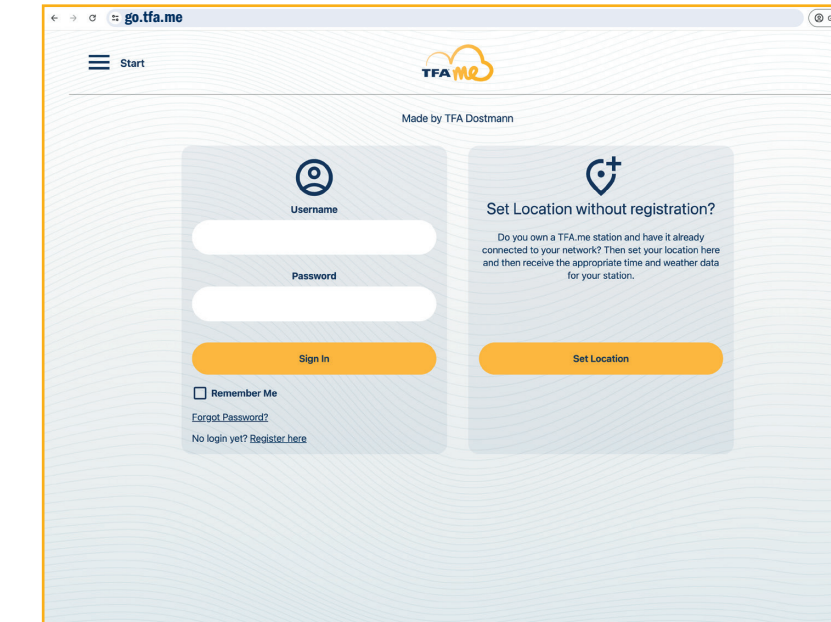
Online platform TFA.me

Open the page „go.tfa.me“ via any Internet browser. Select „Set Location“ and follow the instructions to determine your location.

The station then receives the correct local time and the weather forecast for this location. Once the location has been set, the setup of the base station is complete.

Note: You can use your TFA.me weather station and receive weather data without registering. Registration and an account 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 at www.tfa.me.



Power up the transmitter (manually)

Temperature-humidity sensor

- Open the transmitter's battery compartment and insert two new AA 1.5 V batteries, polarity as illustrated.
- All LCD segments will be displayed for a short moment. Then a version info appears briefly.
- Select the desired channel with the **CHANNEL button** on the base station.
- Start the manual transmitter search by pressing the **CHANNEL button** on the base station for 3 seconds. The reception symbol for the outdoor transmitter will be flashing.
- Now briefly press the **TX button** in the battery compartment of the transmitter. The measured values will be transmitted manually.

The transmitter has its own ID number (nine digits, alphanumeric). A sticker with the ID number is attached to the transmitter (usually in the battery compartment).

Note:

Place the transmitter at your chosen location. Should you decide to use the transmitter in the outdoor area, choose a shady and dry place. Direct sunlight may trigger incorrect measurement and continuous humidity damages the electronic components needlessly.

Additional outdoor transmitters

- When showing more than one outdoor transmitter (max. 5) on the base station's display, insert two new AA 1.5 V batteries in all transmitters, polarity as illustrated.
- Then restart the base station operation or start the manual search for the outdoor transmitter (see above).
- When restarting, the station searches for free channels for which no station has yet been stored. The transmitters will be numbered on channel 1, 2, 3, 4 or 5 automatically.
- 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.



Rain gauge

- Open the two tabs on each side of the rain sensor and lift off the funnel portion.
- Open the battery compartment and insert two new AA 1.5 V batteries, polarity as illustrated.
- Close the battery compartment and make a note of the 9-digit ID number on the outside of the battery compartment.
- Remove the transport lock of the rocker and then close the housing cover and lock it.

Note:

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.

Solar wind sensor

- Open the battery compartment with a suitable screwdriver.
- Remove the battery insulation strip of the already inserted 18650 Li-Ion rechargeable battery.
- Insert two new AA 1.5 V batteries, polarity as illustrated.

Note: Power is primarily supplied by the battery, which is charged via the solar panel. The two batteries are only used as a backup to ensure that the device continues to function if the battery is not sufficiently charged.

- Make a note of the ID number of the transmitter (sticker in the battery compartment) and close the battery compartment.

Note:

Place the wind sensor horizontally with the solar panel facing directly to the South. Make sure that the wind can blow freely around the anemometer 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.