TFA 35.1125.01.IT

TFA Metro Radio-Controlled Weather Station

Model: 35.1125

Instruction Manual

Introduction

Thank you for choosing the TFA Metro Radio-Controlled Weather Station. This device provides accurate indoor and outdoor temperature readings, a radio-controlled clock, and a weather forecast function. This manual will guide you through the setup, operation, and maintenance of your weather station to ensure optimal performance.

Package Contents

- TFA Metro Weather Station (Main Unit)
- Wireless Outdoor Transmitter
- Instruction Manual

Setup

1. Battery Installation

The weather station and the outdoor transmitter require batteries for operation. Ensure you use fresh batteries of the correct type (typically AAA for the main unit and AA for the transmitter, though not explicitly stated, common for such devices).

1. **Main Unit:** Open the battery compartment on the back of the main unit. Insert the batteries, observing the correct polarity (+/-). Close the compartment.
2. **Outdoor Transmitter:** Open the battery compartment on the back of the outdoor transmitter. Insert the batteries, observing the correct polarity (+/-). Close the compartment.

Image: The main display unit of the TFA Metro Weather Station, showing time, indoor temperature, weather forecast icons, and outdoor temperature.

2. Initial Synchronization and Placement

After battery installation, the main unit will attempt to synchronize with the outdoor transmitter and receive the radio-controlled time signal.

- **Outdoor Transmitter Placement:** Place the wireless outdoor transmitter in a sheltered location outdoors, away from direct sunlight and rain, to ensure accurate temperature readings and prolong its lifespan. Ensure it is within range of the main unit (typically up to 100 meters in open air).
- **Main Unit Placement:** Position the main unit indoors, away from large metal objects, electrical appliances, and sources of electromagnetic interference that might disrupt the radio signal.

Image: The wireless outdoor temperature transmitter, a tall, rectangular white unit designed to be placed outdoors.

3. Radio-Controlled Time Signal

The weather station automatically sets its time via a radio signal (DCF77 in Europe). This process may take several minutes or even hours, especially during initial setup or if the unit has been moved. The signal reception is typically stronger at night.

- A signal icon (often a tower or waves) on the display indicates the status of the radio signal reception. A solid icon means successful reception.
- **Time Zone Adjustment:** The radio signal is typically based on Central European Time (CET). If you are in a different time zone (e.g., UK), you may need to manually adjust the time offset. Refer to the specific buttons on your device (usually labeled "MODE" or "SET") and the on-screen prompts to change the time zone setting (e.g., -1 hour for UK).

Operating Instructions

Display Overview

The main display provides the following information:

- **Time:** Large digits at the top, automatically updated via radio signal.
- **Indoor Temperature:** Current temperature inside, usually with MAX/MIN readings for the day.
- **Outdoor Temperature:** Current temperature from the wireless transmitter, usually with MAX/MIN readings for the day.
- **Weather Forecast:** Icons indicating predicted weather conditions (e.g., sun, clouds, rain).
- **Atmospheric Pressure Tendency:** An arrow indicating whether the atmospheric pressure is rising or falling, which contributes to the weather forecast.

Maximum/Minimum Temperature Function

The weather station records the highest (MAX) and lowest (MIN) indoor and outdoor temperatures since the last reset. To view or reset these values:

- Press the "MAX/MIN" button (or similar) to cycle through current, maximum, and minimum readings.
- To reset the MAX/MIN values, press and hold the "MAX/MIN" button for a few seconds while the MAX/MIN values are displayed.

Weather Forecast

The weather forecast is based on changes in atmospheric pressure. It provides a general indication of expected weather conditions for the next 12-24 hours within a 30-50 km radius. The forecast is represented by intuitive icons:

- ☀ Sunny
- ☁ Partly Cloudy
- ☁ Cloudy
- ☔ Rainy

Note: Weather forecasts from home weather stations are based on local atmospheric pressure trends and may not always align with professional forecasts, which use broader data. The accuracy can vary, especially in rapidly changing weather conditions.

Manual Time Setting (If Radio Signal is Unavailable)

In areas with poor radio signal reception, you may need to set the time manually.

1. Press and hold the "SET" or "MODE" button until the time digits begin to flash.
2. Use the "+" or "-" buttons to adjust the hours, then press "SET" or "MODE" to confirm and move to minutes.

3. Repeat for minutes and any other settings like date or year, if applicable.
4. Press "SET" or "MODE" again to exit manual setting mode.

Maintenance

Battery Replacement

Replace batteries in both the main unit and the outdoor transmitter when the display becomes dim or the outdoor readings are inconsistent. Always replace all batteries at the same time with new ones of the same type.

Cleaning

Wipe the weather station and transmitter with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the display or casing.

Storage

If storing the unit for an extended period, remove all batteries to prevent leakage and corrosion.

Troubleshooting

Problem	Possible Cause	Solution
No display or dim display.	Low or dead batteries; incorrect battery polarity.	Replace all batteries with new ones, ensuring correct polarity.
Outdoor temperature not displayed or flashing.	Loss of connection to outdoor transmitter; transmitter batteries low.	1. Replace batteries in the outdoor transmitter. 2. Ensure transmitter is within range and not obstructed by large metal objects. 3. Re-synchronize by removing batteries from both units, then reinserting them first into the outdoor transmitter, then the main unit.
Radio-controlled time not setting.	Poor signal reception; interference.	1. Reposition the main unit away from electronic devices. 2. Try placing the unit near a window. 3. Allow more time for signal acquisition, especially overnight. 4. Manually set the time if automatic reception is consistently poor.
Incorrect time (e.g., 1 hour off).	Incorrect time zone setting.	Adjust the time zone offset in the settings menu (e.g., -1 for UK).
Temperature readings seem inaccurate.	Sensor placement; inherent tolerance.	1. Ensure outdoor sensor is in a shaded, well-ventilated area, not in direct sunlight. 2. Note that the product has a tolerance of +/- 1 degree Celsius.
Weather forecast is inaccurate.	Local weather variability; limited data source.	Understand that the forecast is based on local pressure changes and is an indication, not a precise prediction. It may not always match official forecasts.

Specifications

Feature	Detail
Model Number	35.1125.01.IT
Product Dimensions	18.49 x 16.99 x 8.51 cm
Weight	399.16 g
Material	Glass, Plastic
Power Source	Battery Powered
Connectivity Technology	Wireless, 433 MHz
Special Features	Wireless transmission of outdoor temperature, Indoor temperature display, Maximum-minimum function, Weather forecast, Atmospheric pressure tendency, Radio controlled clock.
Temperature Tolerance	+/- 1 degree Celsius

Warranty and Support

For warranty information and technical support, please refer to the documentation provided at the time of purchase or contact your retailer. You can also visit the official TFA website for further assistance. Please have your model number (35.1125.01.IT) ready when contacting support.
Brand: TFA

Documents - TFA – 35.1125.01.IT

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