

TFA Dostmann 30.3139

TFA Dostmann 30.3139 Wireless Temperature Transmitter Instruction Manual

Model: 30.3139

INTRODUCTION

This instruction manual provides essential information for the setup, operation, and maintenance of your TFA Dostmann 30.3139 Wireless Temperature Transmitter. This device is designed to wirelessly transmit temperature data to compatible TFA weather stations, including models 30.3033, 35.1057, 35.1058, 35.1066, 35.1071, and 35.1085. Please read this manual thoroughly before use to ensure proper functionality and longevity of the product.

PRODUCT OVERVIEW AND FEATURES

The TFA Dostmann 30.3139 is a digital temperature transmitter designed as a replacement or additional sensor for compatible TFA radio weather stations. It offers reliable wireless temperature transmission with the following key features:

- **Compatibility:** Functions as a replacement or additional sensor for TFA radio weather stations 30.3033, 35.1057, 35.1058, 35.1066, 35.1071, and 35.1085.
- **Extended Range:** Provides a wireless transmission range of up to 100 meters (328 feet) in open field conditions.
- **Cable Probe:** Includes an additional cable probe for specialized temperature measurements, such as in water or soil, while the main unit remains protected.
- **Flexible Mounting:** Can be conveniently hung or placed on a flat surface. It is recommended to mount the unit in a location protected from direct precipitation.
- **Integrated Display:** Features a digital display showing the current temperature reading directly on the transmitter.

PACKAGE CONTENTS

Upon unpacking, please ensure all items are present:

- TFA Dostmann 30.3139 Wireless Temperature Transmitter
- Cable Probe (approximately 50 cm long)
- Batteries (quantity as specified on packaging, typically 2x AAA)

SETUP

1. Battery Installation

1. Open the battery compartment cover on the back of the transmitter.
2. Insert the provided batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.

2. Channel Selection

Inside the battery compartment, locate the channel switch (usually labeled 1, 2, 3). If you are using multiple transmitters with one weather station, each transmitter must be set to a different channel. For a single transmitter, any channel can be selected.

3. Pairing with Weather Station

To establish a connection between the transmitter and your main weather station unit, follow these steps:

1. Remove all batteries from both the main weather station unit and all transmitters (including existing ones).
2. Ensure each transmitter is set to a unique channel (1, 2, or 3) using the switch in the battery compartment.
3. Reinsert batteries into all transmitters first.
4. Within approximately 2 minutes, reinsert batteries into the main weather station unit.
5. Allow a few minutes for the devices to synchronize. The temperature readings from the transmitter(s) should appear on your weather station display.

4. Mounting the Transmitter

The transmitter can be mounted in two ways:

- **Hanging:** Use the hanging hole located on the top rear of the unit.
- **Standing:** Utilize the foldable stand at the bottom for placement on a flat surface.

For optimal performance and longevity, position the transmitter in a location protected from direct sunlight, rain, and heavy snow. If using the cable probe, the main unit can be sheltered while the probe extends to the desired measurement area.



Figure 1: TFA Dostmann 30.3139 Wireless Temperature Transmitter. This image shows the front of the transmitter with its digital display indicating a temperature of 23.8 degrees Celsius. The "433 MHz REMOTE SENSOR" label is visible, along with a red indicator light and channel number '1'.



Figure 2: TFA Dostmann 30.3139 Wireless Temperature Transmitter with Cable Probe. This image illustrates the transmitter with its external cable probe connected, displaying a temperature of 22.6 degrees Celsius. The cable probe allows for temperature measurement in specific environments while the main unit remains protected.

OPERATION

Reading the Display

The integrated digital display on the transmitter shows the current temperature being measured. If the cable probe is connected, the display will show the temperature from the cable probe. If the cable probe is not connected, it will show the internal temperature of the transmitter.

Using the Cable Probe

The cable probe extends the temperature sensing capability. Plug the cable probe into the designated port on the side of the transmitter. The probe can be placed in environments where the main unit cannot, such as in water, soil, or other specific locations, while the transmitter itself remains in a protected area. Ensure the probe tip is fully immersed or positioned correctly for accurate readings.

MAINTENANCE

Cleaning

To clean the transmitter, simply wipe it with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the casing or display. Ensure the unit is dry before re-exposing it to outdoor conditions.

Battery Replacement

When the display on the transmitter or your main weather station indicates low battery, replace the batteries promptly. Refer to the "Battery Installation" section under Setup for instructions. Always replace all batteries at once with new ones of the same type.

Optimal Placement

Regularly check the placement of your transmitter. Ensure it remains protected from direct weather elements to prolong its lifespan. If using the cable probe, verify its position for continued accurate readings.

TROUBLESHOOTING

No Temperature Reading on Weather Station

- **Check Batteries:** Ensure fresh batteries are correctly installed in both the transmitter and the main weather station unit.
- **Re-synchronize:** Perform the pairing procedure described in the "Setup" section (remove all batteries, reinsert into transmitters first, then main unit).
- **Channel Conflict:** Verify that each transmitter is set to a unique channel (1, 2, or 3) if you are using multiple sensors.
- **Range:** Ensure the transmitter is within the 100-meter range of the weather station and that there are no significant obstructions (thick walls, large metal objects) that could interfere with the signal.

Inaccurate Temperature Readings

- **Placement:** Ensure the transmitter (or cable probe) is not in direct sunlight, near heat sources, or in areas with poor air circulation, which can affect readings.
- **Cable Probe Connection:** If using the cable probe, ensure it is securely plugged into the transmitter.
- **Environmental Factors:** Extreme weather conditions can sometimes temporarily affect sensor performance.

Transmitter Display Not Working

- **Batteries:** Replace batteries with new ones.
- **Damage:** Inspect the unit for any visible damage.

SPECIFICATIONS

Model Number	30.3139
Brand	TFA Dostmann
Dimensions (L x W x H)	9.9 x 7.3 x 4 cm (3.9 x 2.9 x 1.6 inches)
Weight	105 grams (0.23 lbs)
Material	Plastic

Connectivity Technology	Wireless (433 MHz)
Display Type	Digital
Color	White
Country of Origin	China
Special Feature	Transmitter for TFA radio stations: 30.3033 35.1057 35.1058 35.1066 35.1071 35.1085

WARRANTY AND SUPPORT

Spare parts for this product are generally available for a period of 1 year from the date of purchase. For technical support, warranty claims, or further inquiries, please contact TFA Dostmann customer service. Refer to the official TFA Dostmann website or product packaging for contact details specific to your region.