techno line TX35

Technoline TX35-IT Temperature Transmitter Instruction Manual

Model: TX35-IT | Brand: Technoline

1. INTRODUCTION

This manual provides essential instructions for the proper setup, operation, and maintenance of your Technoline TX35-IT Outdoor Temperature Transmitter. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

2. PRODUCT OVERVIEW

The Technoline TX35-IT is a wireless outdoor temperature transmitter designed to send temperature data to compatible Technoline weather stations. It operates on an 868 MHz frequency, providing a reliable connection for up to 100 meters in open areas. This compact and durable unit is an ideal replacement or spare transmitter for your existing weather monitoring system.

Figure 1: Front view of the Technoline TX35-IT Outdoor Temperature Transmitter.

3. FEATURES

- **Wireless Transmission:** Operates at 868 MHz for reliable data transfer.
- **Extended Range:** Up to 100 meters (328 feet) in open field conditions.
- **Temperature Measurement:** Measures outdoor temperatures from -39.9°C to +59.9°C.
- **Compact Design:** Dimensions of 38.2 x 21.2 x 128.3 mm.
- **Battery Operated:** Requires 2 x AA Mignon, LR06 batteries (not included).

- **Compatibility:** Compatible with various Technoline and LaCrosse Technology weather stations.

4. SETUP

4.1 Battery Installation

1. Ensure all batteries are removed from both the TX35-IT transmitter and your main weather station. Wait approximately 60 seconds.

2. Open the battery compartment on the back of the TX35-IT transmitter.

3. Insert 2 x AA Mignon, LR06 batteries, observing the correct polarity (+/-).

4. Close the battery compartment securely.

5. Immediately after installing batteries in the transmitter, install batteries into your main weather station. This sequence is crucial for proper synchronization.

4.2 Placement

For accurate temperature readings and optimal wireless transmission, consider the following placement guidelines:

- Mount the transmitter in a shaded area, away from direct sunlight, which can cause artificially high temperature readings.

- Ensure it is protected from direct rain and snow.

- Place it at a height of approximately 1.5 to 2 meters (5 to 6.5 feet) above the ground.

- Minimize obstructions between the transmitter and the main weather station (e.g., thick walls, metal objects, large appliances) to maximize transmission range.

Figure 2: Recommended outdoor placement for the TX35-IT transmitter.

5. OPERATION

Once batteries are installed and the transmitter is synchronized with your main weather station, the TX35-IT will automatically begin transmitting outdoor temperature data at regular intervals. The main station will then display these readings. No further user interaction is typically required for basic operation.

6. MAINTENANCE

- **Battery Replacement:** Replace batteries annually or when the low battery indicator appears on your main weather station. Always replace both batteries simultaneously.
- **Cleaning:** Wipe the transmitter with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the unit for any physical damage or blockages to the ventilation slits.

7. TROUBLESHOOTING

7.1 No Outdoor Temperature Display / Connection Issues

- **Check Batteries:** Ensure fresh batteries are installed in both the transmitter and the main weather station. Verify correct polarity.
- **Reset Procedure:** Remove all batteries from both the transmitter and the main station. Wait for at least 60 seconds. Reinsert batteries into the transmitter first, then into the main station. This re-establishes the connection.
- **Proximity:** Temporarily move the transmitter closer to the main station to rule out range issues.
- **Obstructions:** Reduce physical obstructions (walls, electronics) between the transmitter and the main station.
- **Compatibility:** Confirm that your main weather station is compatible with the TX35-IT transmitter (refer to Section 8).

7.2 Inaccurate Temperature Readings

- **Placement:** Ensure the transmitter is not in direct sunlight or near heat sources (e.g., vents, windows, reflective surfaces).
- **Ventilation:** Verify that the ventilation slits on the transmitter are not blocked.

8. SPECIFICATIONS

Specification	Detail
Brand	Technoline
Model Number	TX35
Measuring Range (Temperature)	-39.9°C to +59.9°C
Data Transmission	Radio (Wireless)
Frequency	868 MHz
Transmission Range	Up to 100 meters (open field)
Power Supply	2 x AA Mignon, LR06 (not included)

Dimensions (L x W x H)	38.2 x 21.2 x 128.3 mm (1.5 x 0.83 x 5.04 inches)
Material	Plastic
Color	White
Item Weight	2.08 ounces (approx. 59 grams)

8.1 Compatible Stations

The TX35-IT transmitter is compatible with the following Technoline and LaCrosse Technology stations:
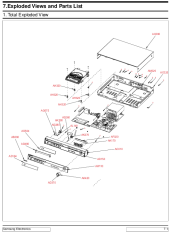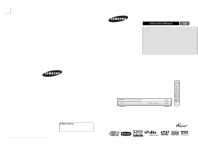
- WS 9632, WS 8118, WS 8117, WS 9140, WS 9130

- WD 450, WD 1080, WD 1120, WD 1202, WD 1800, WD 2101, WD 2102, WD 2900, WD 4000, WD 4001, WD 4002, WD 4003, WD 4025, WD 4026, WD 4930, WD 6000, WD6003, WD 6005, WD 9530, WD 9535, WD 9550

Note: This list may not be exhaustive. Always verify compatibility with your specific weather station model before purchase.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your main weather station or visit the official Technoline website. Keep your purchase receipt as proof of purchase.

Related Documents - TX35

Samsung HT-TX35 Exploded View and Parts List
Detailed exploded view diagram and parts list for the Samsung HT-TX35 home theatre system, illustrating component assembly and identification.

Samsung HT-X30 / HT-TX35 Digital Home Cinema System: User Manual
Comprehensive user manual for the Samsung HT-X30 and HT-TX35 Digital Home Cinema Systems, covering features, setup, operation, troubleshooting, and specifications.

Berner BDS150 Hand Transmitter Operating Instructions
This document provides operating instructions for the Berner BDS150 Hand Transmitter, covering general information, device description, operation, LED indicators, door position querying, and disposal. It details how to use, program, and maintain the hand transmitter for controlling garage door operators.

	[Samsung Digital Home Theater System HT-X30/HT-X40 HT-TX35/HT-TX45 Instruction Manual](#) Comprehensive instruction manual for the Samsung Digital Home Theater System models HT-X30, HT-X40, HT-TX35, and HT-TX45, covering features, connections, operation, setup, troubleshooting, and specifications.
	[Samsung HT-X30/X40 DVD Receiver Amp Service Manual](#) Comprehensive service manual for the Samsung HT-X30 and HT-X40 DVD Receiver Amp systems, covering safety precautions, product description, specifications, functions, troubleshooting, disassembly, parts lists, and circuit diagrams.
	[Samsung HT-X30/HT-X40/HT-TX35/HT-TX45 Digital Home Theater System Instruction Manual](#) This instruction manual provides comprehensive guidance for the Samsung HT-X30, HT-X40, HT-TX35, and HT-TX45 Digital Home Theater Systems. Learn about setup, connections, features, playback options, settings, troubleshooting, and more for your home entertainment system.

Documents - techno line – TX35

[pdf] Datasheet

Datenblatt Техническое описание Датчик температуры Techno Line TX 35 IT — купить в интернет магазине Conrad Москве и Санкт Петербурге доставка по всей России datasheet 672929 techno line tx it temperature sensor 868 mhz wireless asset conrad media10 add 160267 c1 de 824871773DS00 ||| Technoline Techno Line **TX35**-IT Wettersensor - digital technoline Auensensor Gruppe Hersteller Hersteller Art. Nr. EAN/UPC Messinstrumente und Prfgerte Technoline **TX35** 4029665000350 Beschreibung Techno Line **TX35**-IT - Wettersensor - digital Hauptmerkmale Produktbeschreibung Produkttyp Sensor mit F...

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[pdf] User Manual

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