Newentor Q3-BK-F-IV

Newentor Q3-BK-F-IV Multifunction Radio Weather Station User Manual

Model: Q3-BK-F-IV

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Newentor Q3-BK-F-IV Multifunction Radio Weather Station. This device offers comprehensive weather information, including indoor and outdoor temperature and humidity, weather forecasts, moon phases, and a DCF radio-controlled clock with an alarm function. Please read this manual thoroughly before using the product to ensure correct operation and to maximize its features.

PRODUCT OVERVIEW

The Newentor Q3-BK-F-IV weather station consists of a main display unit and a wireless outdoor sensor. The main unit features a color display that presents various weather data and time information clearly. The outdoor sensor transmits temperature and humidity data wirelessly to the main unit.

Main Unit and Outdoor Sensor

Image Description: The main display unit of the Newentor Q3-BK-F-IV weather station, showing a vibrant color screen with indoor and outdoor temperature, humidity, weather forecast icons, moon phase, time, and date.

Display and Controls

The main unit's display is divided into several sections, providing a quick overview of all relevant data. Control buttons are located on the side for easy adjustment of settings.

Berühren Taste

A1: Außentemperatur	
A2: Außenluftfeuchtigkeit	
A3: Uhrzeit/Datum	

C1: Innentemperatur	
C2: Innenluftfeuchtigkeit	
C3: Komfortstufe	
C4: Luftdruckverlauf	

B1: Wettervorhersage	
B2: Wettertendenz	
B3: Mondphasen	

1. Uhrzeit einstellen
2. Wecker
3. Vor
4. Nach
5. Alarm einstellen
6. Beleuchtung einstellen
7. Max/Min Messwerte
8. Wecker Funktion

Image Description: A detailed diagram showing the various sections of the weather station's display and the functions of the side buttons. Key display areas include remote sensor data (A1: Outdoor Temperature, A2: Outdoor Humidity, A3: Time/Date), forecast (B1: Weather Forecast, B2: Weather Trend, B3: Moon Phases), and indoor sensor data (C1: Indoor Temperature, C2: Indoor Humidity, C3: Comfort Level, C4: Barometric Pressure History). The side buttons are labeled for setting time, alarm, brightness, and other functions.

SETUP

1. Powering the Main Unit

The main unit can be powered either by the included power adapter for continuous display illumination or by batteries for portable use with temporary illumination.

Image Description: An illustration demonstrating two power modes: 1) AC power adapter for continuous display illumination, and 2) battery operation (2x AA batteries) where the display illuminates for 15 seconds after a button press.

- **AC Power Adapter:** Connect the power adapter to the main unit and a power outlet. The display will remain continuously lit.
- **Battery Operation:** Insert 3x AAA batteries (not included) into the battery compartment. The display will light up for 15 seconds after any button press.

2. Installing Batteries in the Outdoor Sensor

The outdoor sensor requires 2x AA batteries (not included) for operation. Ensure correct polarity when inserting the batteries.

Image Description: A view of the back of the main weather station unit, showing its stand, and an outdoor sensor with its battery compartment open, revealing two AA batteries inside.

3. Pairing the Outdoor Sensor

Once both units are powered, the main unit will automatically attempt to connect with the outdoor sensor. Place the outdoor sensor within a 60-meter range in an open field for optimal signal reception. The weather station supports up to three outdoor sensors, though typically only one is included.

DCF FUNKUHR

Die aktuelle Uhrzeit wird mit der Genauigkeit einer Atomuhr übertragen.

DCF Funksignal

Image Description: An illustration showing the main weather station unit on a shelf, with three smaller images below depicting outdoor sensors (CH1, CH2, CH3) placed in different environments: outside a house, near a baby, and in a kitchen. This highlights the ability to connect up to three external sensors.

4. Placement

The main unit can be placed on a tabletop using its integrated stand or mounted on a wall.

BIS ZU MAX.3 AUßENSENSOREN

Reichweite bis zu **60M** im Freifeld

CH1

CH2

CH3

⚠ Nur ein Außensensor im Lieferumfang
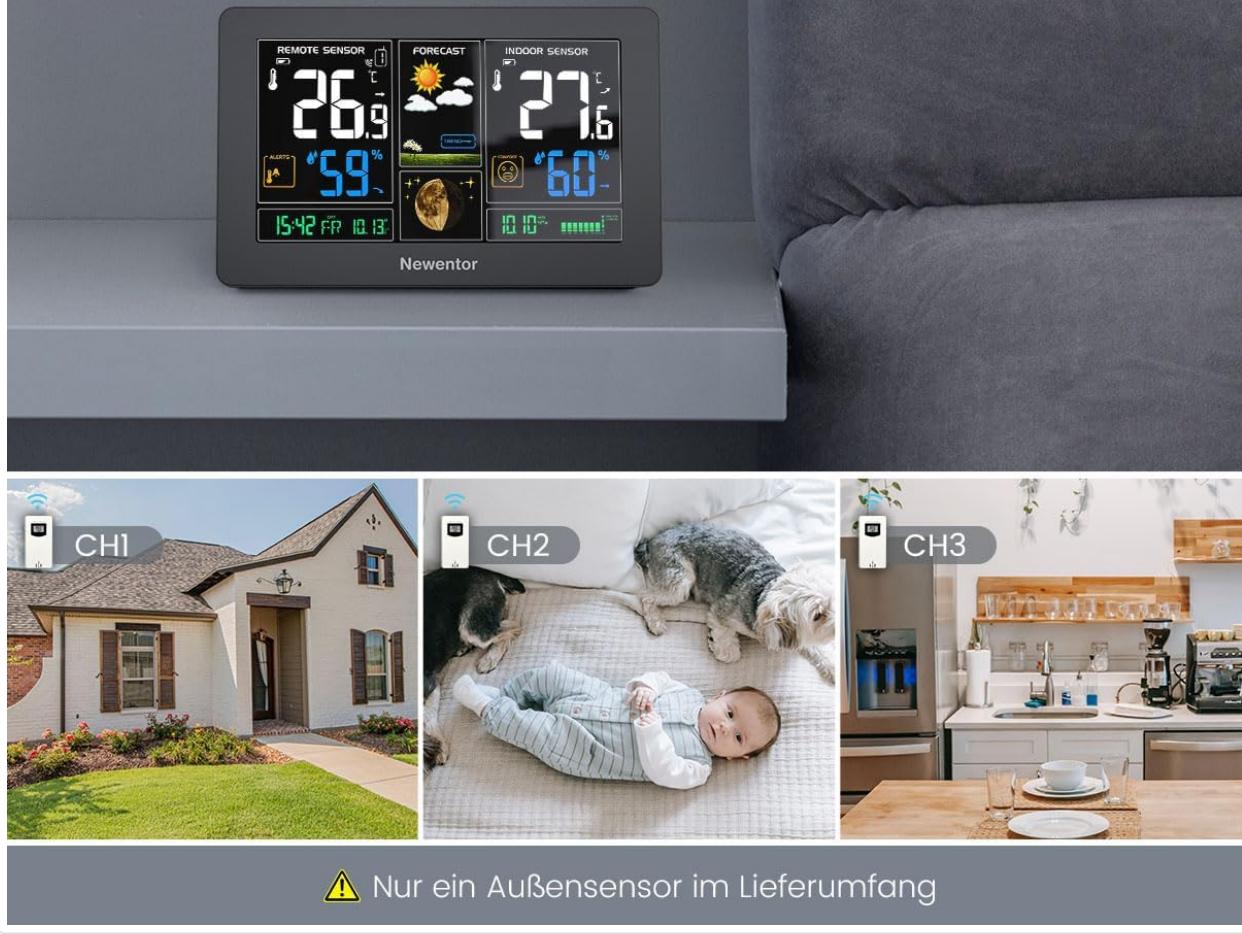
Image Description: Two images showing the weather station's versatility: one on a bedside table using its built-in stand, and another mounted on a wall above a stack of books.

OPERATING INSTRUCTIONS

DCF Radio Clock Function

The weather station automatically receives the DCF radio signal to set the current time and date with atomic clock precision. This ensures accurate timekeeping without manual adjustment.

Image Description: The weather station display with a green glowing icon indicating the reception of the DCF radio signal, which automatically sets the time.

Display Brightness Adjustment

When powered by the AC adapter, the display brightness can be adjusted to 5 levels. This feature is not available in battery-only mode.

Image Description: An illustration showing the weather station display at various brightness levels (100%, 70%, 30%, 0%), indicating that brightness is adjustable only when the unit is connected to mains power.

Alarm Function

The weather station includes an alarm clock with a snooze function. Refer to the labeled diagram in the Product Overview section for button locations to set the alarm.

Weather Forecast and Trends

The station provides a weather forecast for the next 24 hours and displays weather trends. It also shows moon phases and can be programmed with individual temperature alarms for high and low thresholds.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the display and casing. Avoid abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries in both the main unit and outdoor sensor when the low battery indicator appears on the display.
- **Outdoor Sensor Placement:** Periodically check the outdoor sensor's placement to ensure it is protected from direct sunlight and heavy rain for accurate readings and longevity.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No display on main unit	No power, dead batteries, or faulty adapter.	Check power adapter connection or replace batteries.
Outdoor sensor not connecting	Sensor too far, interference, or dead batteries.	Move sensor closer, reduce interference, or replace sensor batteries. Re-pair if necessary (refer to setup).
Incorrect time display	DCF signal not received or manual time not set.	Ensure good reception for DCF signal (avoid electronic interference). Manually set time if DCF signal is consistently unavailable.
Inaccurate temperature/humidity	Sensor exposed to direct sunlight/rain or poor ventilation.	Relocate outdoor sensor to a shaded, well-ventilated area. Ensure indoor unit is not near heat sources or vents.
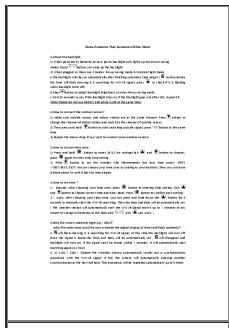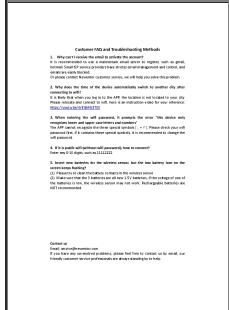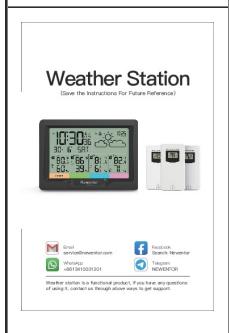
SPECIFICATIONS

- **Model:** Q3-BK-F-IV
- **Dimensions (L x W x H):** 20.3 x 3 x 12.8 cm
- **Weight:** 560 grams
- **Material:** Plastic, Glass
- **Power Source (Main Unit):** AC Power Adapter (included) or 3x AAA Batteries (not included)
- **Power Source (Outdoor Sensor):** 2x AA Batteries (not included)
- **Connectivity Technology:** Wireless Frequency
- **Outdoor Sensor Range:** Up to 60 meters (open field)
- **Special Features:** Alarm, Color Display, DCF Radio Clock, Weather Forecast, Moon Phases, Temperature/Humidity Alerts

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Newentor website. Keep your purchase receipt as proof of purchase.

Related Documents - Q3-BK-F-IV

[Newentor Weather Station Troubleshooting Guide](#)

A guide to common problems and solutions for the Newentor Weather Station, covering backlight issues, sensor connection, time zone and time setting, screen behavior, remote sensor readings, and alarm clock setup.

[Newentor Indoor Outdoor Thermometer User Manual](#)

Comprehensive guide for the Newentor Indoor Outdoor Thermometer, covering setup, functions, features like temperature and humidity trends, ice alerts, comfort display, product specifications, and troubleshooting.

[Newentor Weather Station Troubleshooting Guide](#)

Frequently asked questions and troubleshooting tips for the Newentor Weather Station, covering data inconsistencies, sensor connectivity, screen issues, and more.

[Newentor Weather Station Troubleshooting Guide](#)

A comprehensive guide addressing common issues and questions regarding the Newentor Weather Station, covering backlight functionality, time and date settings, sensor connectivity, data accuracy, and more.

[Newentor Weather Station: FAQ and Troubleshooting Guide](#)

Answers common questions and provides troubleshooting methods for the Newentor Weather Station, covering email activation, time synchronization, Wi-Fi password issues, public Wi-Fi connection, and battery replacement.

[Newentor Weather Station User Manual](#)

Comprehensive user manual for the Newentor Weather Station, detailing features, operation, time setting, alarms, and product specifications. Learn how to set up and use your weather station for accurate temperature, humidity, and weather forecasts.