Mebus 40711

Mebus 40711 Weather Clock User Manual

Model: 40711 | Brand: Mebus

1. INTRODUCTION

Thank you for choosing the Mebus 40711 Weather Clock. This device is a sophisticated radio-controlled weather station designed to provide accurate indoor and outdoor temperature and humidity readings, along with weather forecasts and timekeeping functions. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance and longevity of your device.

2. PRODUCT OVERVIEW

Figure 1: Mebus 40711 Weather Clock Front View. This image displays the Mebus 40711 Weather Clock, featuring a prominent blue LCD screen. The screen is divided into several sections, showing "WEATHER" with cloud and sun icons, "OUTDOOR" temperature (32.3°C) and humidity (61%), "INDOOR" temperature (26.5°C) and humidity (52%), "MOON PHASE" with date (11/18) and a crescent moon icon, and "TIME" (12:06). The device itself is white with control buttons visible on the right side.

The Mebus 40711 Weather Clock integrates multiple environmental monitoring functions into a single, easy-to-read unit. Its clear LCD provides real-time data for both indoor and outdoor conditions, along with essential timekeeping features.

3. Key Features

- **Radio-Controlled Clock:** Automatic time synchronization for accuracy. Operates as a quartz clock if radio signal is unavailable.
- **Indoor/Outdoor Thermometer:** Displays temperature from -20 °C to +50 °C, switchable between Celsius (°C) and Fahrenheit (°F).
- **Indoor/Outdoor Hygrometer:** Measures humidity levels from 20% to 99%.
- **Weather Forecast:** Provides graphical weather predictions.
- **Moon Phase Display:** Shows current lunar phase.
- **Time Display:** 12-hour or 24-hour format.
- **Date and Month Display:** Current date and month.
- **Backlit LCD Display:** For enhanced readability in various lighting conditions.

4. Setup Instructions

1. **Unpacking:** Carefully remove the weather clock from its packaging. Retain packaging for future transport or storage.

2. **Battery Installation:**

   The device requires batteries (not included). Locate the battery compartment on the back of the unit. Insert the required batteries, ensuring correct polarity (+/-). Close the battery compartment cover securely.

3. **Initial Power-On:** Once batteries are inserted, the display will activate. The clock will automatically begin searching for the radio signal (DCF77 or similar) to set the time and date. This process may take several minutes.

4. **Outdoor Sensor Placement:** If an external sensor is included (typically for outdoor temperature/humidity), place it in a sheltered outdoor location, away from direct sunlight and rain, to ensure accurate readings. Ensure it is within range of the main unit.

5. **Manual Time Setting (Optional):** If the radio signal is not received after an extended period (e.g., 10-15 minutes), you may need to set the time and date manually. Refer to the "Operating Instructions" section for details on manual adjustments.

5. Operating Instructions

The Mebus 40711 Weather Clock features several buttons, typically located on the side or back, for adjusting settings and viewing information.

- **Time Display (12h/24h):** Press the "MODE" or "SET" button (exact button name may vary) to cycle through time display options.

- **Temperature Unit (°C/°F):** Press the "°C/°F" button to switch between Celsius and Fahrenheit temperature units.

- **Backlight:** A dedicated "LIGHT" or "SNOOZE/LIGHT" button typically activates the display backlight for a few seconds.

- **Manual Time/Date Setting:**

   a. Press and hold the "SET" or "MODE" button for several seconds to enter setting mode.

   b. Use the "UP" or "DOWN" arrows to adjust values (e.g., hour, minute, year, month, day).

   c. Press "SET" or "MODE" again to confirm the setting and move to the next parameter.

   d. Exit setting mode by pressing "MODE" repeatedly or waiting for the unit to time out.

- **Weather Forecast:** The weather forecast icons (sun, clouds, rain) are automatically updated based on atmospheric pressure changes detected by the internal sensor. These are predictions and may not always perfectly match current conditions.

- **Moon Phase:** The moon phase display updates automatically based on the set date.

6. Maintenance

- **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these can damage the display or casing.

- **Battery Replacement:** When the display dims or functions become erratic, replace all batteries with new ones of the same type. Ensure correct polarity.

- **Environmental Conditions:** Avoid placing the unit in direct sunlight, near heat sources, or in areas with extreme temperature fluctuations or high humidity, which can affect accuracy and lifespan.
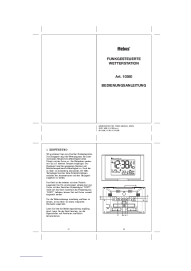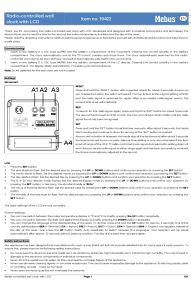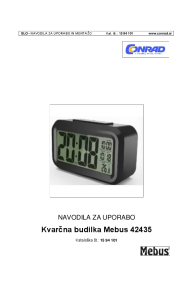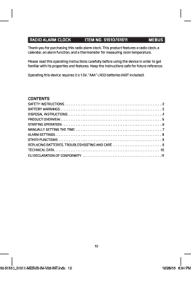
7. Troubleshooting

Problem	Possible Cause	Solution
No display or dim display	Low or dead batteries; incorrect battery installation.	Replace batteries with new ones, ensuring correct polarity.
Time not synchronizing (radio-controlled)	Weak radio signal; interference; unit too far from transmitter.	Move the unit to a window or an area with better reception. Avoid placing near electronic devices. Allow up to 24 hours for synchronization. Set time manually if necessary.
Incorrect outdoor temperature/humidity	Outdoor sensor out of range; sensor exposed to direct sunlight/rain; sensor batteries low.	Ensure sensor is within range and properly placed. Check and replace sensor batteries if applicable.
Inaccurate weather forecast	Weather forecasts are predictions based on barometric pressure trends and may not always be 100% accurate.	This is normal. The forecast provides a general trend, not a real-time observation.

8. Specifications

- **Model Number:** 40711
- **Brand:** Mebus
- **Display Type:** LCD (Liquid Crystal Display)
- **Indoor Temperature Range:** -20 °C to +50 °C (switchable to °F)
- **Outdoor Temperature Range:** -20 °C to +50 °C (switchable to °F)
- **Humidity Range:** 20% to 99% RH
- **Time Format:** 12h/24h
- **Power Source:** Batteries (not included)
- **Product Dimensions (L x W x H):** 50 x 80 x 2.51 cm
- **Product Weight:** 2.4 kilograms
- **ASIN:** B07DCYXJCJ

9. Warranty and Support

Specific warranty information for the Mebus 40711 Weather Clock is not provided in the product data. For warranty claims or technical support, please refer to the retailer where the product was purchased or contact Mebus customer service directly. Keep your proof of purchase for any warranty-related inquiries.

Related Documents - 40711

	[TE821 Professional Weather Center with PC Interface User Manual](#) User manual for the TE821 Professional Weather Center with PC Interface, detailing features, installation, operation, and troubleshooting for weather monitoring and data logging.
	[Mebus RCW416 Radio Controlled Weather Station User Manual](#) Comprehensive user manual for the Mebus RCW416 radio-controlled weather station, detailing setup, features, operation, and technical specifications for indoor/outdoor temperature, humidity, weather forecasting, and radio-controlled timekeeping.
	[Mebus Radio-Controlled Wall Clock with LCD (Item No. 19422) - Operating Instructions](#) Comprehensive operating instructions for the Mebus radio-controlled wall clock with LCD, model number 19422. Covers commissioning, settings for movement and LCD, further settings, safety guidelines, battery warnings, disposal information, technical specifications, and EU Declaration of Conformity.
	[Mebus Funkwecker 25362/25363 Bedienungsanleitung](#) Umfassende Bedienungsanleitung für den Mebus Funkwecker Modell 25362/25363. Enthält Informationen zu Inbetriebnahme, Einstellungen, Funktionen, Sicherheit und Fehlerbehebung.
	[Navodila za uporabo Mebus 42435: Kvarčna budilka s projekcijo, čas, datum, temperatura](#) Podrobna navodila za uporabo kvarčne budilke Mebus 42435. Vključuje varnostne napotke, nastavitev časa, datuma, alarma, uporabo funkcij ter tehnične podatke in garancijo.
	[MEBUS 51510/51511 Radio Alarm Clock User Manual](#) Operating instructions and technical details for the MEBUS 51510/51511 Radio Alarm Clock, including setup, alarm functions, troubleshooting, and disposal.