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Mebus 19451

Mebus Radio-Controlled Wall Clock Model 19451 Instruction Manual

Model: 19451

Introduction

Thank you for choosing the Mebus Radio-Controlled Wall Clock, Model 19451. This clock features a high-quality radio-controlled movement (DCF77) that automatically sets the correct time, including adjustments for daylight saving and standard time. Its classic design with a black frame and white dial makes it a suitable addition to various indoor environments.
Please read this manual carefully before setting up and operating your clock to ensure optimal performance and longevity.

Package Contents

- 1 x Mebus Radio-Controlled Wall Clock (Model 19451)
- 1 x Instruction Manual

Note: 1 AA battery is required for operation and is not included in the package.

Setup

1. Battery Installation

1. Locate the battery compartment on the back of the clock.
2. Insert one (1) AA battery, ensuring the correct polarity (+ and - terminals).
3. Close the battery compartment cover securely.



Image: Rear view of the clock, highlighting the battery compartment and the radio signal reception symbol. This image also shows the automatic adjustment for summer and winter time.

2. Initial Synchronization

After battery installation, the clock will automatically search for the DCF77 radio signal. During this process, the hands will typically move to the 12:00 position and then begin to adjust to the correct time. This synchronization can take several minutes, or up to 24 hours in areas with weak signal reception.

- Place the clock near a window, away from electronic devices that might cause interference.
- Avoid placing the clock near metal structures or in basements, as these can obstruct the radio signal.
- Once the signal is received, the clock will automatically set itself to the correct time for the Central European Time (CET) zone.

3. Mounting the Clock

The Mebus wall clock is designed for wall mounting. Use a suitable screw or hook (not included) to hang the clock securely on your desired wall location. Ensure the mounting point is stable and can support the clock's weight (approximately 370 grams).



Image: The Mebus wall clock displayed in a kitchen setting, showing its black frame, white dial, and clear numerals. Close-ups highlight the plastic frame, modern numbers, and black hands with a red second hand.

Operation

Automatic Time Adjustment

Once synchronized, your Mebus Radio-Controlled Wall Clock will automatically adjust to the precise time broadcast by the DCF77 signal. This includes automatic changes for daylight saving time (summer time) and standard time (winter time). The clock continuously monitors the DCF77 signal to maintain accuracy. No manual adjustments are typically required for timekeeping within the DCF77 reception area.



Image: A close-up of the Mebus wall clock, illustrating its key features: a medium-sized clock with a 24 cm diameter, a self-setting radio movement (DCF77), and its suitability for various rooms and environments.

Maintenance

Battery Replacement

When the clock hands stop moving or the time becomes inaccurate, it is likely time to replace the battery. Replace the AA battery with a fresh, high-quality alkaline battery. Follow the battery installation steps outlined in the Setup section.

Cleaning

To clean the clock, gently wipe the surface with a soft, dry cloth. Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the clock's finish or internal components.

Troubleshooting

- **Clock not setting time or displaying incorrect time:**
  - Ensure the battery is fresh and correctly installed.
  - Relocate the clock to a different position, preferably near a window and away from potential sources of interference (e.g., TVs, computers, large metal objects).
  - Allow up to 24 hours for the clock to receive and process the DCF77 signal, especially during initial setup or after a battery change.
  - The DCF77 signal is broadcast from Mainflingen, Germany, and covers most of Central and Western Europe. If you are outside this reception area (e.g., in the UK or US), the clock may not receive the signal and will not set automatically. In such cases, the clock may remain at 12:00 or display an incorrect time zone. This clock is primarily designed for use within the DCF77 signal range.
  - Some models may have a "REC" button on the back to manually initiate signal reception. If present, press this button to force a signal search.
- **Hands are stuck at 12:00:**
  - This indicates the clock is waiting for the DCF77 signal. Follow the steps above for "Clock not setting time."
  - If the issue persists after 24 hours and trying different locations, the signal might be too weak or unavailable in your region.
- **Clock stops working:**
  - Replace the battery with a new one.
  - Check for any physical damage to the clock or its movement.

Specifications

Brand	Mebus
Model Number	19451
Color	Black frame, White dial
Display Type	Analog
Style	Classic, Without thermometer and hygrometer
Diameter	24 cm (approx. 9.06 inches)
Product Dimensions	9.06"W x 9.06"H (24cm x 24cm)
Item Weight	370 grams (approx. 13.1 ounces)
Power Source	1 x AA Battery (not included)
Material	Plastic
Mounting Type	Wall Mount
Special Feature	Radio-controlled (DCF77), Large Display
Indoor/Outdoor Usage	Indoor



Image: The Mebus wall clock highlighting its 24 cm diameter and 370g weight. It also indicates a radio movement and the requirement for 1x AA battery.

Warranty and Support

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

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