

TFA Dostmann 60.2549

TFA Dostmann Clocco 60.2549 Radio-Controlled Alarm Clock User Manual

1. INTRODUCTION

The TFA Dostmann Clocco 60.2549 is a radio-controlled alarm clock featuring a minimalist wood-look design and an invisible display. It is designed to blend seamlessly into various home and office environments. This alarm clock offers precise timekeeping through the DCF 77 radio signal, eliminating the need for manual time adjustments, including daylight saving changes.

The display can show time, date, or indoor temperature, and can be activated by touch or sound when operating on batteries. When powered by the AC adapter, the display remains continuously illuminated with adjustable brightness levels. An automatic dimming function ensures comfortable viewing during nighttime hours.

Key Features:

- Minimalist wood-look design with invisible display.
- Radio-controlled time via DCF 77 signal for high precision.
- Luminous digits with 3 adjustable brightness levels.
- Automatic display dimming between 7 PM and 6:59 AM.
- Display activation by touch or sound (battery mode).
- Displays time, date, and indoor temperature (in °C).
- Adjustable automatic screen change cycle.
- Alarm function.
- Manual time setting option.

2. SETUP

2.1 Powering the Device

The Clocco alarm clock can be powered in two ways:

- **AC Adapter (Recommended for continuous display):** Connect the supplied AC adapter to the clock and a power outlet. The display will be continuously illuminated, and you can adjust its brightness.
- **Batteries (For intermittent display):** Insert 3 x 1.5V AAA batteries (not included) into the designated

battery compartment. Additionally, a 1 x 3V CR 2032 battery (included) is required for memory backup. In battery mode, the display remains invisible and activates briefly when touched or by sound.

2.2 Initial DCF Signal Reception

Upon initial power-up or after battery replacement, the clock will automatically attempt to receive the DCF 77 radio signal. During this process, a test sequence (0000 to 9999) may appear on the screen, and the DCF icon will flash. Place the clock in a location with good signal reception, ideally near a window and away from electronic interference. Once the signal is successfully received, the correct time will be displayed, and the DCF icon will become steady.

Note: If the CR2032 battery is depleted or not inserted, the DCF signal will be automatically received after startup. Ensure this battery is present for proper function and time retention.

3. OPERATING INSTRUCTIONS

3.1 Display Modes

The clock can cycle through different display modes:

- **Time:** Displays the current time (hours and minutes).
- **Date:** Displays the current date (day and month).
- **Indoor Temperature:** Displays the current room temperature in Celsius (°C).
- **Automatic Change:** The display can be set to automatically cycle between time, date, and temperature. Refer to the device's buttons for mode selection.



Image 1: The TFA Dostmann Clocco alarm clock showing the current time, 10:24, with its wood-look finish and illuminated digits.

3.2 Display Activation (Battery Mode)

When operating on batteries, the display is normally off to conserve power. To activate the display briefly,

simply touch the clock or make a sound near it. The display will illuminate for a few seconds before turning off again.

3.3 Brightness Adjustment and Automatic Dimming

When using the AC adapter, the display is continuously illuminated. You can adjust the brightness to one of three levels using the control buttons (refer to the physical buttons on your device for specific controls). The clock also features an automatic dimming function, which reduces the display brightness to its lowest level between 7:00 PM (19:00) and 6:59 AM (06:59) to ensure comfortable viewing during the night.



Image 2: The TFA Dostmann Clocco alarm clock displaying the indoor temperature of 24 degrees Celsius.

3.4 Alarm Function

The Clocco alarm clock includes an alarm function to help you wake up on time. To set the alarm:

1. Press the 'ALARM' button (or equivalent) to enter alarm setting mode.
2. Use the '+' and '-' buttons to adjust the desired alarm time.
3. Confirm the setting by pressing the 'ALARM' button again or waiting for the display to return to normal mode.
4. Ensure the alarm is activated (an alarm icon should be visible on the display).



Image 3: The TFA Dostmann Clocco alarm clock showing the alarm set to 7:07.

3.5 Manual Time Setting

While the clock primarily relies on the DCF radio signal for time synchronization, a manual time setting option is available. This can be useful in areas with poor radio signal reception. Consult the device's specific buttons and instructions for entering manual time adjustment mode.

4. MAINTENANCE

4.1 Battery Replacement

When the display becomes dim or the clock functions erratically in battery mode, it is time to replace the 3 x AAA batteries. For the CR2032 memory backup battery, replace it if the clock loses its settings or fails to receive the DCF signal properly after a power interruption. Always use fresh batteries of the specified type.

4.2 Cleaning

To clean the clock, use a soft, dry cloth. Avoid using abrasive cleaners, solvents, or chemical sprays, as these can damage the surface and electronic components.

5. TROUBLESHOOTING

5.1 Display Not Visible or Intermittent

- **In Battery Mode:** The display is designed to be invisible and activates only by touch or sound. This is normal operation to conserve battery life.
- **In AC Adapter Mode:** Ensure the AC adapter is securely connected and the power outlet is functional. Check brightness settings.

5.2 DCF Signal Reception Issues

- **No Signal or Incorrect Time:** The clock may be in an area with poor radio signal reception. Try

relocating the clock, ideally near a window and away from other electronic devices that might cause interference.

- **Flashing DCF Icon:** This indicates the clock is actively searching for the DCF signal. Allow sufficient time (up to several minutes or hours) for synchronization.
- **CR2032 Battery:** Ensure the CR2032 memory backup battery is correctly inserted and not depleted, as it plays a role in the DCF reception process after startup.

5.3 Display Too Bright at Night

While the clock has an automatic dimming function, some users may find even the lowest brightness level too intense for a dark bedroom. Ensure the automatic dimming feature is enabled. If still too bright, consider placing the clock further away or using it in a different room.

6. SPECIFICATIONS

Feature	Specification
Brand	TFA Dostmann
Model Number	60.2549
Color	Light Brown
Product Dimensions (L x W x H)	10 x 3.81 x 7 cm
Material	Wood
Item Weight	380 g
Display Type	Digital
Style	Minimalist
Special Feature	Calendar Display, Alarm, Silent Clock
Power Source	Battery Powered / AC Adapter
Room Type	Living Room, Bedroom
Shape	Rectangular
Indoor/Outdoor Use	Indoor
Batteries (Main)	3 x 1.5V AAA (not included)
Battery (Backup)	1 x 3V CR 2032 (included)

7. WARRANTY AND SUPPORT

Specific warranty details for the TFA Dostmann Clocco 60.2549 are not provided within this manual. For warranty information, technical support, or service inquiries, please refer to the documentation included with your purchase or contact your retailer or the manufacturer directly.