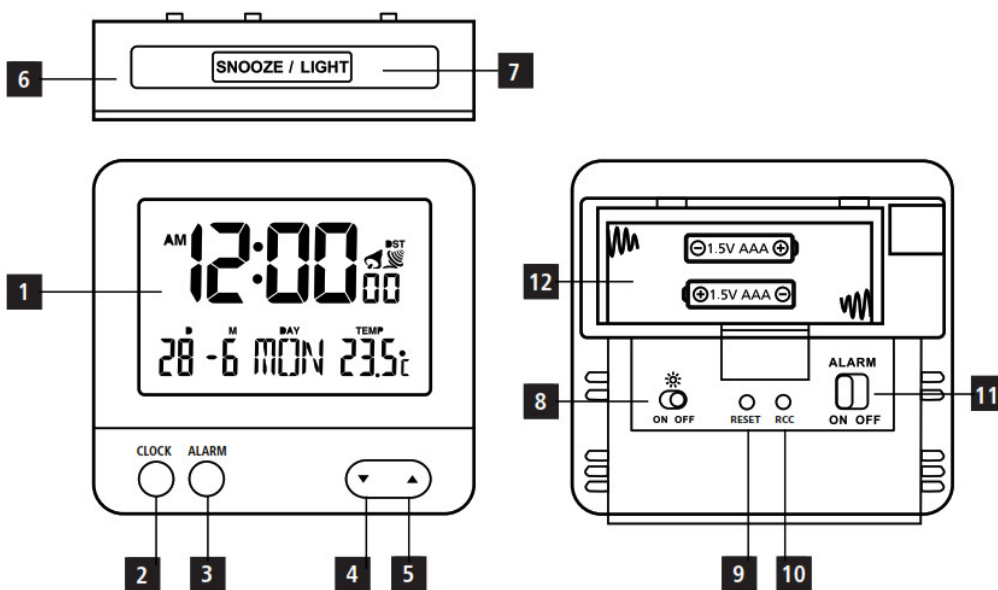# hama 00186349 RC 540 Radio Controlled Clock Instruction Manual
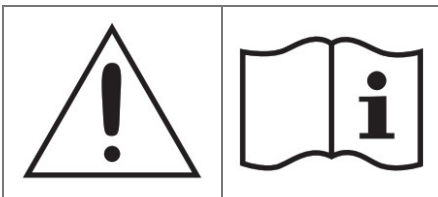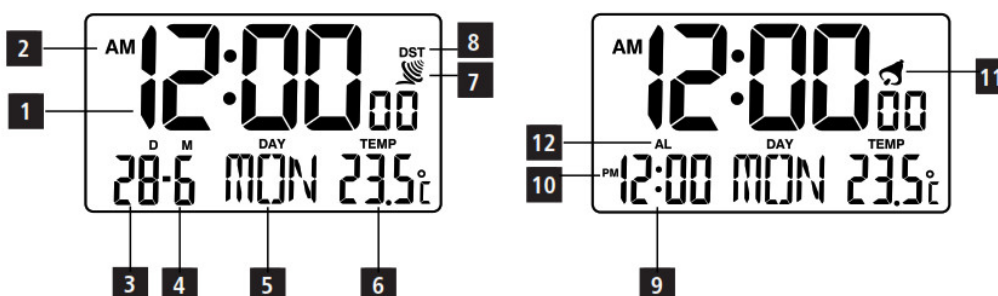
00186349, 00186350, 00113965, 00136295
Radio Controlled Clock
Funkwecker RC 540

A

SNOOZE / LIGHT

6

7

1

28 -6 MON 23.5℃

CLOCK ALARM

2 3 4 5

12

⊖1.5V AAA ⊕
⊕1.5V AAA ⊖

8

☼
ON OFF

RESET RCC

ALARM
ON OFF

11

9 10

B

2 AM 12:00 00

1

DST 8

7

28·6 MON 23.5℃

D M DAY TEMP

3 4 5 6

AM 12:00 00

11

12 AL

10 PM 12:00 MON 23.5℃

DAY TEMP

9

Operating instruction

Contents

Controls and Displays

A Controls

1. Display

2. **CLOCK** button

   =sets the time

3. **ALARM** button

   =displays alarm time (approx. 5 seconds); used for setting alarm

4. ▼ -button

   =reduces the current set value

5. ▲ -button

   =increases the current set value

6. **SNOOZE** /**LIGHT**-button

   =activates the backlight (approx. 5 seconds)/postpones the alarm for 5minutes

7. Twilight sensor

8. ☀ **ON**/ **OFF** slide switch

   =activates/deactivates the twilight sensor

9. **RESET** button

   =restoresfactory settings

10. **RCC** button

    = activates/deactivates manual radio signal reception; switches between °C and °F

11. **ALARM ON/OFF** slide switch

=activates/deactivates the alarm

12. Battery compartment

B Displaysymbole

1. Time
2. AM/PM (12-hour format)
3. Day
4. Month
5. Day of the week
6. Temperature
7. Signal strength
8. Summer time
9. Alarm time
10. AM/PM (12-hour format) alarm time
11. Alarm clock icon
12. Alarm clock display icon

Explanation of Warning Symbols and Notes

Warning This symbol is used to indicate safety instructions or to draw your attention to specific hazards and risks.	⚠
Note This symbol is used to indicate additional information or important notes.	ⓘ

Safety Notes

- The product is intended for private, non-commercial use only.
- Protect the product from dirt, moisture, and overheating, and only use it in adry environment.
- Do not use the product in areas where the use of electronic devices is not permitted.
- Do not place the product near interference fields, metal frames, computers, TVs, etc. Electronic devices and window frames can negatively affect the product's functionality.
- Do not drop the product and do not expose it to any major shocks.
- Do not attempt to service or repair the product yourself. Leave any and all service work to qualified experts.
- Do not modify the product in any way. Doing so voids the warranty.
- Dispose of packaging material immediately according to locally applicable regulations.
- Do not use the product in the immediate vicinity of heaters or other heat sources or in direct sunlight.
- Use the product for its intended purpose only.
- Keep the packaging material out of the reach of children due to the risk of suffocation.
- Do not operate the product outside the power limits given in the specifications.
- Do not open the device or continue to operate it if it becomes damaged.
- Keep this product, as all electrical products, out of the reach of children!

- Use the item only in moderate climatic conditions.

Warning –Batteries

- When inserting batteries, note the correct polarity (+ and -markings) and insert the batteries accordingly. Failure to do so could result in the batteries leaking or exploding.
- Only use batteries (or rechargeable batteries) that match the specified type.
- Before you insert the batteries, clean the battery contacts and the polar contacts.
- Do not allow children to change batteries without supervision.
- Do not mix old and new batteries or batteries of a different type or make.
- Remove the batteries from products that are not being used for an extended period (unless these are being kept ready for an emergency).
- Do not short-circuit batteries.
- Do not charge batteries.
- Do not throw batteries in a fire.
- Keep batteries out of the reach of children.
- Never open, damage or swallow batteries or allow them to enter the environment. They can contain toxic, environmentally harmful heavy metals.
- Immediately remove and dispose of dead batteries from the product.
- Avoid storing, charging or using the device in extreme temperatures and extremely low atmospheric pressure(for example, at high altitudes).

Getting Started

- Open the **battery compartment** (12), insert two AAA batteries with the correct polarity, and close the **battery compartment** (12).
- If nothing is shown on the LCD display after new batteries have been inserted, press the **RESET** button (9) with a pointed object to restart the device.

Operation

Note –Input
Hold down the ▼ button (4) or the ▲ button (5) to select the values faster.

Automatic date/time setting using the DCF radio signal

- Once you have inserted the batteries, the display is switched on, an acoustic signal sounds and the alarm clock automatically starts searching for a DCF radio signal. During the search, the radio icon will flash. This process can take 3to5minutes.
-
- When the radio signal is received, the date and time are automatically set.

Radio icon	Signal strength
	No reception
	Poor
	Fair
	Excellent

Radio icon appearance	DCF radio signal search
Flashing	Active
Displayed continuously	Successful –signal is being received
No display	Inactive

Note –Time settings

- If during initial setup of the device, a DCF radio signal is not received within the first few minutes, the search is aborted. The radio icon will go out.
- If there are reception problems, we recommend leaving the clock to sit overnight, since interference is generally less at night.
- In the meantime, you can start a manual search for the DCF radio signal at another location or you can manually set the time and date.
- The clock automatically continues to search for the DCF radio signal on daily basis. If the signal is received successfully, the manually-set time and date are overwritten.
- If the station still does not receive a signal, press and hold the RCC button (10) for approx. 3seconds to start the manual search for the DCF radio signal.

Note –Manual search

- The manual search is automatically aborted after 6-16 minutes.
- Using the **RCC** button (10) frequently will drain the battery. We recommend only using this function to seek out an optimal location for the device.
- Press and hold the **RCC** button (10) again for approx. 3seconds to stop the manual search.

Note –Summer time
The clock automatically switches to summer time. (B –8) appears on the display as long as summer time is activated.

Manually setting the date/time

- Press and hold the CLOCK button (2) for approx. 2seconds until the year display begins to flash.
- Set the following information in the order listed:
- Year (B –1)
- Month (B –4)
- Day (B –3)

• 12/24 hour format (B –1)	Time (B –1)
• Hours	
• Minutes	
• Seconds (only zeros possible)	

- Day of the week language (B –5)
- To select the individual values, press the button (4) or the button (5) and confirm each selection by pressing the CLOCK button (2).
- Press the CLOCK button (2) immediately to adopt the set value displayed and skip ahead.
- If you do not make an entry for 30 seconds, the device automatically exits the settings mode, and the settings you made are saved.

Note –Day of the week
You can choose from English (GB), French (FR), German (DE), Spanish (ES), and Italian (IT)for the display of the day of the week.

Note –12/24-hour format

- The time is displayed in 12-hour format as standard. The radio signal icon will disappear as soon as you change the time display to a 24-hours format. The alarm clock will automatically search for the radio signal again at the next interval (usually at 2:00/3:00 o'clock in the morning). The icon will be displayed again as usual when a radio signal is received successfully.
- If the radio icon should still not appear, change the installation location and avoid areas with possible sources of interference (cordless and mobile telephones, wireless speakers, WLAN, etc.), if necessary.

Alarm

Setting the alarm time

- Press and hold the ALARM button (3) for approx. 2seconds until the hours display (B –9)begins to flash.

- Set the following information in the order listed:

• Hours	Alarm time (B –9)
• Minutes	

- To select the individual values, press the ▼ button (4) or the ▲ button (5) and confirm your selection by pressing the ALARM button (3).
- If you do not make an entry for 30 seconds, the device automatically exits the settings mode, and the settings you made are saved.
- Press the ALARM button (3) to display the set alarm time for approx. 5seconds.

Activating/deactivating the alarm

- Move the ALARM ON/OFF slide switch (11) to the left to the ON position. Ared surface will be visible underneath the slide switch.
- The alarm is activated and the alarm clock icon (B –11) is shown on the display (1).
- Move the ALARM ON/OFF slide switch (11) to the OFF position to the right until the surface underneath the slide switch is black.
- The alarm is deactivated and the alarm clock icon (B –11) disappears from the display (1).

Stopping the alarm/snooze function

- If the alarm is activated, it is triggered at the set time and an alarm signal sounds for one minute. The alarm automatically stops after this time and is then triggered again the next day at the set alarm time.
- To stop the alarm early, move the **ALARM ON/OFF** slide switch (11) to the **OFF** position to the right until the surface underneath the slide switch is black. The alarm is now deactivated.
- Move the **ALARM ON/OFF** slide switch (11) back to the **ON** position on the left again to activate the alarm for the next day.

Note –Snooze function

- While the alarm signal is sounding, press the **SNOOZE/LIGHT** button (6) to activate the snooze function. The alarm clock icon (B –11) on the display (1) begins to flash. The alarm signal will be stopped for 5minutes, after which it will sound again.
- The snooze function can be activated four consecutive times.

Temperature display

Press **the RCC button** (10), to switch the temperature display (B –6)between °C and °F.

Backlight

- If you press the SNOOZE/LIGHT button (6), the display (1) will light up for approx. 5seconds.
- The alarm clock is equipped with a twilight sensor (7) that automatically switches on the backlight of the display (1) to a dimmed setting as soon as it gets dark.

- During the day or if there is enough light, the twilight sensor (7) automatically switches off the dimmed backlight on the display (1).
- Move the ON/OFF slide switch (8) to the ON or OFF position to activate or deactivate the twilight sensor (7).

Note –Backlight

- We recommend deactivating the twilight sensor while the clock is not in use, while it is packed during travel, etc.

Note –Backlight

- Continuous use of the twilight sensor will drain the battery.

Replacing the batteries

Once the elements on the display (1) begin to dim, replace the batteries as described in 3. Getting Started.

Care and Maintenance

Only clean this product with a slightly damp, lint-free cloth and do not use aggressive cleaning agents. Make sure that water does not get into the product.

Warranty Disclaimer

Hama GmbH &Co. KG assumes no liability and provides no warranty for damage resulting from improper installation/mounting, improper use of the product or from failure to observe the operating instructions and/or safety notes.

Technical Data

	RC 540 radio-controlled alarm clock
Power supply	3.0 V 2xAAA batteries
Measuring range Temperature	0°C–+45 °C 32 °F –+113 °F

Declaration of Conformity

Hereby, Hama GmbH &CoKG declares that the radio equipment type [00186349, 00186350, 00113965, 00136295] is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.hama.com -> 00186349, 00186350, 00113965, 00136295 -> Downloads.

Documents / Resources

hama 00186349 RC 540 Radio Controlled Clock [pdf] Instruction Manual
00186349, 00186350, 00113965, 00136295, 00186349 RC 540 Radio Controlled Clock, RC 54
0 Radio Controlled Clock, Controlled Clock