



hama 00186332 Projection Alarm Clock Instruction Manual

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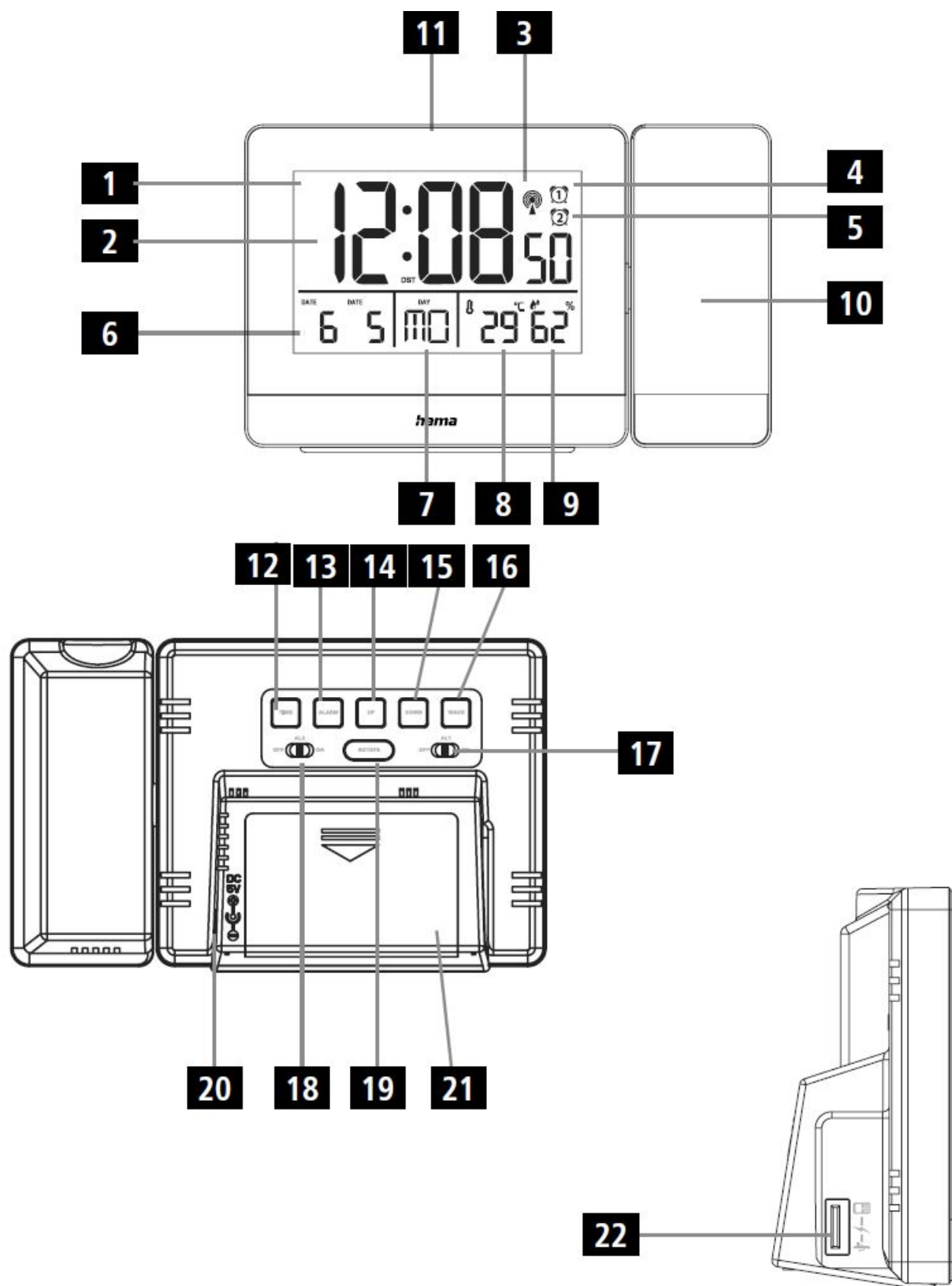
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hama 00186332 Projection Alarm Clock



Controls and displays

1. Display
2. Time
3. Radio symbol
4. Alarm symbol 1
5. Alarm symbol 2
6. Date
7. Day of the week
8. Room temperature
9. Room humidity
10. Projection arm
11. SNOOZE/LIGHT button = activate the backlight (approx. 8 seconds) / stop the alarm for 5 minutes
12. TIME button = set the Time mode
13. ALARM button = set the Alarm mode
14. UP button = increase the current set value/switch between 12 and 24-hour format
15. DOWN button = reduce the current set value (186381) /switch between 12 and 24-hour format
16. WAVE button = activate/deactivate manual radio signal reception
17. ON/OFF switch for alarm 1
18. ON/OFF switch for alarm 2
19. ROTATE button = rotate the projection by 0°, 90°, 180° or 360°
20. Power supply unit connection socket
21. Battery compartment
22. USB charging port



Explanation of Warning Symbols and Notes

Risk of electric shock

This symbol indicates product parts are energized with a dangerous voltage of sufficient magnitude to constitute a risk of electric shock.

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.

Package contents

- “Plus Charge” projection alarm clock
- Power supply unit
- These operating instructions

Safety Notes

- The product is intended for private, non-commercial use only.
- Use the product for its intended purpose only.
- Protect the product from dirt, moisture and overheating, and only use it in a dry environment.
- Do not use the product in the immediate vicinity of heaters or other heat sources or in direct sunlight.
- Keep this product, as all electrical products, out of the reach of children!
- Do not operate the product outside the power limits given in the specifications.
- Do not use the product in areas where the use of electronic devices is not permitted.
- Do not use the product in moist environments and avoid splashes.
- 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 modify the product in any way. Doing so voids the warranty.
- Keep the packaging material out of the reach of children due to the risk of suffocation.
- Dispose of packaging material immediately according to locally applicable regulations.
- Use the item only in moderate climatic conditions.
- The product is intended for indoor use only.
- Lay all cables so that they do not pose a tripping hazard.
- Do not bend or crush the cable.
- Always pull directly on the plug when disconnecting the cable, never on the cable itself.

Risk of electric shock

- Do not open the device or continue to operate it if it becomes damaged.
- Do not use the product if the AC adapter, adapter cable, or power cable is damaged.
- Do not attempt to service or repair the product yourself. Leave any and all service work to qualified experts.

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.

Warning – Batteries

- 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.
- Avoid storing, charging or using the device in extreme temperatures and extremely low atmospheric pressure (for example, at high altitudes).

Getting Started

Warning

- Connect the product only to a socket that has been approved for the device. The socket must be installed close to the product and must be easily accessible.
- Disconnect the product from the network using the power button – if this is not available, unplug the power cord from the socket.
- When using a multi-socket power strip, make sure that the sum power draw of all the connected devices does not exceed its maximum throughput rating.
- If you will not be using the product for a long period of time, disconnect it from mains power.

Inserting the batteries/connecting the power supply

- Connect the power supply unit to the power supply unit connection socket (20) on the back of the radio-controlled alarm clock.
- Connect the power cable of the radio-controlled alarm clock to a properly installed socket.
- The radio-controlled alarm clock switches on automatically.
- Alternatively, open the battery compartment (21), insert two AAA batteries with the correct polarity and close the battery compartment cover.

Note

- If the batteries are inserted correctly and you connect the power supply unit to the alarm clock, the radio-controlled alarm clock will automatically switch to the external power supply.
- Sustained projection is only possible on mains power

Replacing the batteries

- Open the battery compartment (21) on the back of the product.
- Remove and dispose of any used batteries. Insert two new batteries (AAA). Ensure that the polarity of the

battery corresponds to the symbols in the battery compartment.

- Close the battery compartment (21).




Operation

Note

Hold down the UP button (14) or the DOWN button (15) to select values faster.

Setting date/time automatically using the DCF signal

- Once you have inserted the batteries or connected the power supply unit, 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 symbol (3) flashes. This process can take around 7 minutes.
- When the radio signal is received, the date and time are automatically set.

Display	Searching for the DCF signal
 Display flashing	Active
 Display steady (not flashing)	Successful – signal is being received
Not displayed	Inactive
	Weak signal reception

If the station still does not receive a signal, press and hold the WAVE button (16) for approx. 3 seconds to start the manual search for the DCF signal. The radio icon (3) starts to flash.

Note – Time settings

- The search process takes around 7 minutes. If the search fails, it ends and is repeated at the next full hour. The radio icon (3) goes out.
- In the meantime, however, you can set the time and the date manually.
- The clock automatically continues to search for the DCF signal on a daily basis (between 1 am and 5 am) to correct any deviations. If the signal is received successfully, the manually set time and date are overwritten.

- Press the WAVE button (16) again to end the manual search for the DCF radio signal.

Manually setting the date/time (104952)

- Press and hold the TIME button (12) for approximately 3 seconds until the display begins to flash.
- Set the following information in the order listed:
 - Automatic DCF signal search (on/off)
 - 12/24-hour format
 - Time zone (-12 to +12)
 - Hour
 - Minute
 - Date
 - Year
 - Month
 - Day
 - Day of the week language
- To select individual values, press the UP button (14) or the DOWN button (15) and confirm each selection by pressing the TIME button (12).
- Press the TIME button (12) immediately to adopt the set value displayed and skip ahead.
- If you do not make an entry for 20 seconds, Settings mode is exited automatically.

Note – Time zone

- The DCF signal can be received over long distances, but always transmits the current Central European Time in Germany. Make sure you set the time difference in countries with another time zone.
- If you are in Moscow, for example, the time is 3 hours later than in Germany. This means that you should set +3 for the time zone. The clock then automatically sets the time to 3 hours ahead after receiving the DCF signal or according to the manually set time.

Note – Day of the week

You can choose from German (GE), French (FR), Spanish (SP), Italian (IT), Dutch (DU), Danish (DA) and English (EN) for the display of the day of the week.

Temperature display

- Press the DOWN button (15) to choose between °C and °F for the temperature display.

Alarm clock

Setting the alarm time

- Press and hold the ALARM button (13) for approx. 3 seconds to go to Alarm mode. The display begins to flash.
- Set the following information in the order listed:
 - Alarm 1 (4): hours; minutes
 - Alarm 2 (5): hours; minutes

- Press the UP button (14) or the DOWN button (15) to select the hour for the alarm time and confirm your selection by pressing the ALARM button (13). The minutes display begins to flash.
- Repeat the process to set the minutes for the alarm time.
- Press the ALARM button (13) immediately to adopt the set value displayed and skip ahead.
- If you do not make an entry for 20 seconds, Settings mode is exited automatically.

Activating/deactivating the alarm

- Set the ON/OFF switch for alarm 1 (17) or 2 (18) to “ON” to activate alarm 1 and/or alarm 2 or set to “OFF” to deactivate alarm 1 and/or alarm 2.
- If the alarm is activated, alarm 1 will be displayed instead of the date (6) or alarm 2 instead of the room temperature and 1 humidity (8/9) together with the corresponding symbol 2 (4/5).

Stopping the alarm/snooze function

- When the alarm is triggered, the alarm symbol 1 (4) or 2 (5) begins to flash and an alarm sounds.
- Press any button (except the SNOOZE/LIGHT button (11)) to stop the alarm. Otherwise, it will stop automatically after 2 minutes.

Note – Snooze function

While the alarm signal is sounding, press the LIGHT-SNOOZE button (1) to activate the snooze function. The alarm symbol (7) 1 / 2 will begin to flash. The alarm signal will be stopped for 5 minutes, after which it will sound again.

Backlight

- Press the LIGHT/SNOOZE button (11) to light up the display.
- During battery operation, the display is illuminated for approximately 8 seconds.

Note – Permanent backlight mode

Permanent backlight mode is only possible when plugged into mains power.

- Press the SNOOZE/LIGHT button (11) several times to change the brightness level (high/low/off).

Projection

Activating/deactivating Power from batteries:

- Press the LIGHT-SNOOZE button (11) to project the display onto the wall or ceiling for 8 seconds.

Power from power supply unit:

- Press and hold the SNOOZE/LIGHT button (11) for approximately 3 seconds to activate sustained projection.
- Press and hold the SNOOZE/LIGHT button (11) for approximately 3 seconds to deactivate sustained projection.

Projection setting

- Turn the projection arm (10) forward/back to project the display onto the desired wall/ ceiling.
- Press the ROTATE button (19) again to rotate the projection by 0°, 90°, 180° or 360°.

Charging function

Warning – Connecting terminal devices

- Before connecting a terminal device, check whether the power output of the charger can supply sufficient power for the device.
- Ensure that the total power of all connected terminal devices does not exceed 10 W
- Please refer to the instructions in the operating manual of your terminal device.

Note

The charging function is only possible when plugged into mains power.

- Connect your terminal device to a USB charging socket (22) on the alarm clock using a suitable USB cable.
- The charging progress is displayed on your terminal device.
- Disconnect the terminal device from the USB charging socket if you want to interrupt charging or if the terminal device is fully charged.

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.

Note

Disconnect the device from the power supply before cleaning it or if it is not going to be used for a long period of time.

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

RCR 110 radio-controlled alarm clock	
Power supply	5.0 V 2 x AAA batteries Power supply unit: In: 100 – 240 V 50/60 Hz Out: 5 V 2.5 A
Measuring range for temperature	-9° C – + 50° C / 14° F – +122 °F
Humidity measuring range	20 % – 95 %

Declaration of Conformity

Hereby, Hama GmbH & Co KG declares that the radio equipment type [00186332] 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 -> 00186332 -> Downloads.

- Frequency band(s) 77.5 kHz.

Documents / Resources

	hama 00186332 Projection Alarm Clock [pdf] Instruction Manual 00186332, Projection Alarm Clock, Alarm Clock, 00186332, Clock
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References

- [h hama.com](http://h.hama.com)