

Instruction Manual

Time & Temperature Projection Alarm Clock



Time &Temp
Projection



Time



Indoor
Outdoor Temp



Snooze



Weather
Forecast



Multicolor
Backlit



°C / °F
Selectable



Dual
Alarm



USB Charger
Function



Switchable
Projector

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Preface

Thanks for choosing this device .

Before You Start Using It

- Make sure to read the instruction manual carefully. This information will help you to familiarize yourself with your new device, to learn all of its functions, and to get advice in the event of problems.
- Following the instructions will prevent damage to your device.
- We shall not be liable for any damage occurring as a result of not-following these instructions.
- Please keep this instruction manual for future reference.

Attention

- Please follow the instructions for operation.
- Please use the original or manufacturer specified attachments or accessories.
- Do not disassemble the product, so as not to cause trouble or safety hazards.
- Do not place any items on top of the product or damage the product.
- Do not place the product near water source or in a damp place.
- Please terminate use immediately upon damage which is caused

as a result of improper use or repair by a nonfactory approved technician.

- Do not place the product in direct sunlight and high temperature places (radiator, electric heater, stove, etc.).
- Keep the product away from strong electromagnetic waves, strong static electricity, or moisture and condensation.
- Use by children below 10 years old should be supervised by an adult.
- Clean your device with a soft damp cloth. Do not use solvents or scouring agents.

Package Content

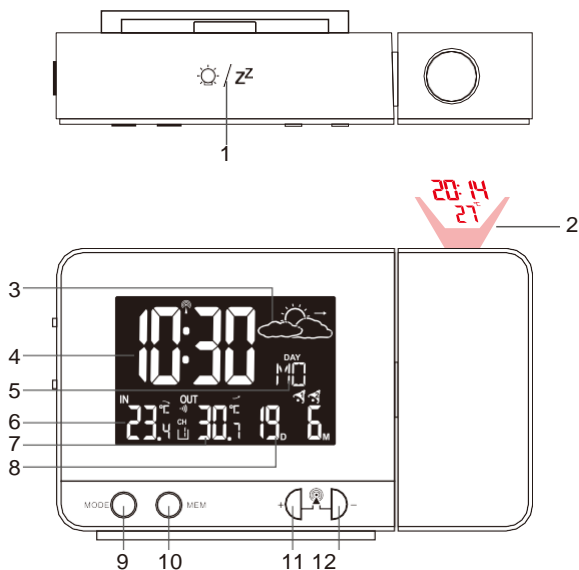
- Projection alarm clock
- Instruction manual
- DC power adapter
- Outdoor sensor

Product Specification

- Radio controlled time (DCF)
- Projection time and temperature onto a wall (digital)
- Two alarms with Snooze function
- Calendar (up to the year of 2099)
- 12/24 hour format is alternative

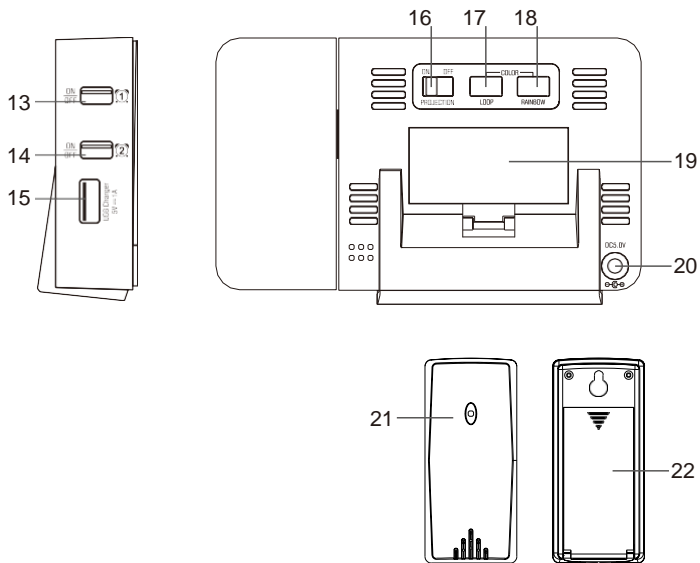
- Multiple color backlit
- Temperature:
 - Indoor temperature: 0°C ~50°C
 - Outdoor temperature: -20°C ~60°C
 - Temperature alternatively in °C or °F
- Wireless sensor Wall mounting or table stand
- 50m transmission range in an open area
- Weather forecast
- Battery: LR03 AAA battery x2 (not included)
- DC power adapter: 5V 1A
- USB charger function

Function Introduction



1. Snoozetouchbutton
2. Projectiondisplay
3. Weatherforecasting
4. Time (DCF)
5. Week
6. Indoortemperature

7. Outdoortemperature
8. Monthanddate
9. "MODE"button
10. "MEM"button
11. "+"button
12. "-"button



- 13. Alarm 1 on/off switch
- 14. Alarm 2 on/off switch
- 15. USB Charging port
- 16. Projection on/off port
- 17. "LOOP" button
- 18. "RAINBOW" button
- 19. Battery compartment
- 20. DC power interface
- 21. Wireless remote sensor
- 22. Wireless remote sensor battery compartment

Getting Start

- Open the battery compartment and insert two new 1.5V AAA batteries into the clock. Ensure that the battery polarities "+" and "-" are correct. Close the battery compartment.
- When insert the batteries, all the symbols on the LCD display will light up for 3 seconds. You will hear a "didi" sound. The projection clock starts to detect indoor temperature. Connect the clock with DC power adapter at the same time.
- Insert 2 new 1.5V AAA batteries to wireless remote sensor. Ensure that the battery polarities "+" and "-" are correct. Close the battery compartment.
- The projection clock starts to make a connection with the outdoor remote sensor, displayed by a flashing symbol in the "OUT" display area on the LCD screen. This procedure will take about 3 minutes.

Radio-controlled time reception

The clock will now scan the DCF frequency signal and DCF symbol will be flashing. when the time code is received successfully after 3-7 minutes, the radio-controlled time and the DCF-symbol are displayed steadily in the display.

Caution: During the DCF time reception period, backlight turns off and no outdoor temperature will be transmitted.

If there is no reception possible, manual initialization can be helpful

Press "+" and "-" button at same time.

The DCF symbol will be flashing.

Interrupt the reception by pressing the WAVE button again, The DCF symbol disappears. The DCF reception always take place at 1:00 o' clock in the morning until 5:00 o' clock. If the reception is not successfully received at 5:00 o' clock, further attempts will be made again at 1:00 clock in the morning.

If the clock cannot detect the DCF- signal (for example due to disturbances, transmitting distance, etc.), the time can be set manually. The DCF symbol disappears and the clock will then work as a normal quartz clock. (see: Manual setting of the clock and calendar)

7. Note for radio controlled time DCF

The time base for the radio-controlled time is a caesium atomic clock operated by the Physikalisch Technische Bundesanstalt Braunschweig. It has a time deviation of less than one second in one million years. The time is coded and transmitted from Mainflingen near Frankfurt via frequency signal DCF-77 (77.5 kHz) and has a transmitting range of approximately 1500km. Changeover from summer time or winter time is automatic. In Daylight Saving Time "DST" is shown on the LCD. The quality of the reception depends mainly on the geographic location. Normally there should be no reception problems within a 1,500 km radius around Frankfurt.

Manual Setting

Long press "MODE" button, the Year display starts to flash.

Press "+"/ "-" button to adjust year. Press "MODE" button to confirm the setting.

The Month display starts to flash. Press "+"/ "-" button to adjust month. Press "MODE" button to confirm the setting.

The Date display starts to flash. Press "+"/ "-" button to adjust date. Press "MODE" button to confirm the setting.

The symbol of Month and Date starts to flash. Press "+"/ "-" button to choose between Month/Date and Date/Month. Press "MODE" button to confirm the setting.

The language selection of the Weekday starts to flash. Press "+"/ "-" button to select a language. Press "MODE" to confirm the setting.

Language abbreviations change from one language to another: German(GE), English(EN), French(FR), Italian(IT), Spanish(SP), and Dutch(DU), and Danish(DA).

Language	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
German, GE	SO	MO	DI	MI	DO	FR	SA
English, EN	SU	MO	TU	WE	TH	FR	SA
French, FR	DI	LU	MA	ME	JE	VE	SA
Italian, IT	DO	LU	MA	ME	GI	VE	SA
Spanish, SP	DO	LU	MA	MI	JU	VI	SA
Dutch, DU	ZO	MA	DI	WO	DO	VR	ZA
Danish, DA	SO	MA	TI	ON	TO	FR	LO

The symbol of 12H or 24H starts to flash. Press "+"/ "-" button to choose 12H or 24H system. Press "MODE" to confirm the setting. The Hour display starts to flash. Press "+"/ "-" button to adjust hour. Press "MODE" to confirm the setting.

The Minute display starts to flash. Press "+"/ "-" button to adjust minute. Press "MODE" button to confirm the setting.

The symbol of temperature unit starts to flash. Press "+"/ "-" button to choose the temperature unit (°C/°F). Press "MODE" button to confirm the setting.

The symbol of weather forecast pattern starts to flash. Press "+"/ "-" button to select the current weather pattern. Press "MODE" to confirm the setting and end the setting procedure.

Short press "MODE" button to switch the display of calendar/ Alarm1/ Alarm2.

Please take note of the following:

The clock will automatically quit the manual setting mode to clock mode if no button is pressed within 20 seconds.

Any restart or power break will cause a loss of the previous manual setting, please insert batteries in the clock to keep the setting.

Alarm Function Setting

8.1 Activate/Deactivate the Alarm Function

When the switch of alarm1 or alarm2 is moved to the "ON" position, the symbol of "🔔" or "🔔" appears on the LCD display. The alarm function will be activated.

When the switch of alarm1 or alarm2 is moved to the "OFF" position, the symbol of "🔔" or "🔔" disappears. The alarm function will be deactivated.

8.2 Manual Setting of the Alarm

Long press "MEM" button, the hour display of Alarm1 starts to flash. Press "+"/ "-" button to set the hour. Press "MEM" button to confirm the setting.

The minute display of the Alarm1 starts to flash. Press "+"/ "-" button to set the minute. Press "MEM" button to confirm the setting.

The hour display of the Alarm2 starts to flash. Press "+"/ "-" button to set the hour. Press "MEM" button to confirm the setting.

The minute display of the Alarm2 starts to flash. Press "+"/ "-" button to set the minute. Press "MEM" button to confirm the setting and end the manual setting procedure.

Please take note of the following:

The clock will automatically switch from setting mode to normal mode if no button is pressed within 20 seconds.

8.3 Turn off the Alarm Tone

Alarm tone will automatically turn off after 2 minutes or you can press any button except the "☀️/z" to turn off the alarm tone. The alarm will repeat automatically at the same time of the next day.

8.4 Snooze Function

You can activate the Snooze function by touching the "☀️/z" when the alarm is ringing. The symbol of "🔔" or "🔔" starts to flash, then alarm will ring again in 5 minutes.

Under the Snooze function activated status. Press any button except the "☀️/z" to turn off the Snooze function.

If one alarm in Snooze function, the other alarm rings, it automatically stops the Snooze function of the first alarm.

Please take note of the following:

The alarm will keep ringing for 2 minutes if you do not deactivate it by pressing any button. In this case the alarm will repeat automatically after 24 hours.

The ring of the alarm changes 4 times in total during the past 2 minutes.

Projection Setting

Note: Switch on the projection button for further operation.

9.1 Temporary Time & Temp Projection

When the clock is powered by batteries (not included), by touching "☀️ / z²", the projection will stay on for a few seconds, then the projection will turn out automatically.

9.2 Permanent Time & Temp Projection

When the clock is powered by power adapter, the projection will always light up.

Long press "-" button to adjust the projection angle by 180°.

The suggested distance of projection is 3.3~9.8 ft (1-3m). When there is no light at night, the clock can clearly display the time and temp on the wall or ceiling.

If you want to turn off the projection, switch off the button mounted on the back.

Please take note of the following:

The power is not enough when using an old battery, please connect the power adapter or replace with new batteries as soon as possible.

Backlit Adjustment

10.1 Backlight Dimmer

When the clock is powered by batteries, touch "☀️/zZ" to light up the backlight for a few seconds.

When the clock is powered by DC power adapter, the battery will automatically disconnect the power supply, the backlight will always light up.

Press "-" button to adjust 4 backlight brightness, light-medium-low-out.

Touch "☀️/zZ" to light up the backlight for a few seconds in out status.

Please take note of the following:

The power is not enough when using an old battery, please connect the power adapter or replace with new batteries as soon as possible.

10.2 Multiple Color Backlight

When the clock is powered by power adapter, press "LOOP" button once, the backlight will change the color gradually. Press "LOOP" button again to select a backlight color.

When the backlight is on, press "RAINBOW" button to change the color. There are 8 colors selectable: white, red, orange, yellow, green, cyan, blue, and purple.

Wireless Outdoor Temperature Sensor

When the clock weather station receives signals from the wireless sensor successfully, outdoor temperature will display on the screen.

Press the "+" button to switch different channel to channel1.

If the clock weather station fails to receive signal from wireless remote sensor ("--" will be displayed on the LCD), long press "+" button to receive transmission manually. The outdoor temperature will show a flashing RF antenna symbol, the clock weather station will try to receive signals from the wireless remote sensor again.

Please take note of the following:




If the outdoor temperature displayed "--" please switch the transmission channel to channel1.

Temperature

12.1 The Display of the Temperature and Temperature Trend

The current indoor temperature and the temperature trend (indoor) are shown on the LCD display.

After connected with the wireless remote sensor successfully, the outdoor temperature and the temperature trend (outdoor) can be shown on the LCD display. You may see the following symbols:

-  The temperature is rising.
-  The temperature remains constant
-  The temperature is falling.

12.2 Maximum/Minimum Temperature Records

To change the data of indoor/outdoor maximum, minimum temperature, press the "MEM" button.

Press "MEM" button once to show the maximum temperature values.

Press "MEM" button twice to show the minimum temperature values.

Press "MEM" button three times to return to the current temperature levels.

The maximum and minimum temperature values will be reset at AM 12:00 everyday.

Please take note of the following:

If the temperature reading is below the set point, the LL.L will be displayed.

If the temperature reading is above the set point, the HH.H will be displayed.

12.3 Outdoor Temperature Frost Alarm

When the outdoor temperature is between $-1^{\circ}\text{C} \sim 3^{\circ}\text{C}$ ($30^{\circ}\text{F} \sim 37^{\circ}\text{F}$) the frost alarm function will be activated and a flashing " ❄ " symbol will be displayed on screen.

Weather Forecast







13.1 Weather Forecast Statement

The clock weather station calculates weather forecast for the next 12 hours based on the barometric pressure trend.

The clock weather forecast can't be compared with the professional weather services supported by satellites and high performance computers. It provides an approximate indication of current developments.

Please take the weather forecast from local weather station as authoritative.




13.2 The Symbols of Weather Forecast

					
sunny	slightly cloudy	cloudy	rainy	heavy rainy	snowy


13.3 The Weather Station Can Display the Barometric Pressure


Trend

You may see the following symbols:

-  The barometric pressure will rise.
-  The barometric pressure will remain constant.
-  The barometric pressure will fall.

Low Battery

If the LCD display shows a symbol of "  " at "IN" column, please replace the projection clock battery as soon as possible.

If the LCD display shows a symbol of "  " at "OUT" column, please replace the wireless remote sensor battery as soon as possible.

USB Charger

When the clock is powered by DC power adapter, the USB socket can be used for charging smart phone and other devices.

16. WASTE DISPOSAL



The European directive 2012/19/EC about electronic and electric waste, requires that you can't throw away defective domestic appliance with common waste. Used device has to be collect separately to optimize the recuperation rate and the recycling of the materials to reduce the impact on the health and the environment.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capacities, or by persons lacking in experience or knowledge, unless they are supervised or instructed on the use of this apparatus by a person responsible for their safety. Children should be supervised to ensure they do not play with this appliance.

Precision and precautions about the battery use

- *Throwing away a used battery in the environment or with household waste pollutes and avoids the recuperation of reusable materials.*
- *It is important to limit the battery consumption and to respect the following rules:*

- *Favor alkaline battery (last longer than saline battery) and when it's possible use rechargeable battery.*
- *Leave used batteries and accumulators in adapted containers that you can find in some retailers. In that way, metals don't pollute the environment and the health.*
 - *Battery has to be inserted by respecting the polarity show on the apparel and the battery. An incorrect positioning can damage the apparel, cause leaking and even provoke fire and the explosion of the battery.*
 - *To assure a good functioning, battery has to be in a good condition. If there is a problem, put new battery.*
 - *Never try to recharge battery not made for this. It could leak, warm up, cause fire or explode.*
 - *Replace all the battery at the same time. Never mix up alkaline battery with saline battery.*
 - *Used battery has to be removed.*
 - *Also, remove the battery if you're not using the apparel for a long time.*
 - *Never try to short-circuit the terminal of a battery.*
 - *Never throw away the battery in fire because they can explode.*
 - *Take out the accumulator from the apparel before reload it.*
 - *We recommend that an adult watch if a child change the battery to respect those rules.*
 - *If you swallow a battery, go immediately to your doctor or the hospital.*
 - *For the best ongoing performance, we recommend using only fresh, high-quality, alkaline batteries.*

Declaration of Conformity



Captelec declares that this product S 3531 conforms to the guidelines 2014/53 / EU, 2011/65 / EU and 2014/35 / EU according to H0813

The full text of the EU declaration of conformity is attached at the end of the package leaflet.

This declaration is invalid if changes have been made to the product for which we have not agreed.

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