

EN CA05

Clock with projection and weather station



Thank you for purchasing our equipment. Please read this manual carefully and heed the safety warnings and instructions before installing, using or repairing the equipment. This will ensure not only the protection of persons, but also the long life of the equipment.

DESCRIPTION OF EQUIPMENT

A. Button to adjust the radio volume

C. Day of the week

E. Temperature

G. Alarm indicator 1

I. FM radio indicator

K. Auto brightness function indicator

M. Battery compartment cover

O. UP button

Q. DOWN button

S. -/ button

U. SET button

W. USB charging interface (MAX. 5V1A)

Y. SNOOZE/LIGHT button

B. Weather forecast pattern

D. Time

F. Projection window

H. Alarm indicator 2

J. Sleep mode indicator

L. Humidity

N. PROJECTION button

P. FM button

R. +/°C/°F button

T. Alarm button

V. Power input connector

X. Light sensor




BASIC INFORMATION

- FM radio (frequency band 87.5~108MHz)
- FM radio can be switched on in sleep mode
- Day of the week display
- Time format in selectable 12/24 HR mode
- Temperature and relative humidity
- Weather forecast function
- The brightness of the LED display can be adjusted in 3 stages or switched off
- Dual alarms that can be set for weekdays/weekends and daytime wake-up calls
- Alarm tone can be set as FM radio
- 8 minute snooze function
- Time and temperature display function
- Display projection function with 180 degree rotation
- Temperature unit in selectable °C / °F
- Temperature measurement ranges: -9°C ~ +50°C
- Humidity measurement ranges: 20-95%
- Power: Battery / Adapter DC5V1,2A








FIRST START

1. Open the battery compartment cover, insert the CR2032 battery and observe the polarity (+ | -), if there is an insulating foil on the battery, remove it.
2. Insert the power connector into the socket on the back of the product, then plug the adapter into an electrical outlet (240 V). The display lights up and stays on
3. If the power adapter is disconnected, the display will go off. CR2032 battery power is used for time keeping only.











TIME SETTING

- Press the  button to select the time display format 12/24 hrs.
  - To set the exact time, press and hold the  button (for about 2 seconds) until the HOURS starts flashing.  
Use the +/- buttons to set the desired hour. Press the  button again to confirm the setting and move on to the next setting.  
Setting sequence: HOURS→ MINUTES→ DAY→ CURRENT TIME.  
For faster adjustment, the +/- buttons can be held down until the desired value is displayed.
- NOTE: If no action is taken within 20 seconds, the device will automatically return to the standard time display.

FM RADIO

- To start the radio, press the **FM** button and then the  icon will light up. When the radio is started for the first time, the station search function will start automatically.  
**Search for radio stations** starting from 87.5MHz. Whenever a station is found during the search, it is automatically saved and the search continues until 108MHz when it stops and returns to the first saved station. The results of the searched stations are stored as P01, P02, P03 etc.
- Press the  button **to switch to the next radio station**. Press the  button to return to the previous station.
- If during listening you need to **fine tune the stored station**, press and hold the  /  button (for approx. 2 seconds) to adjust by 0.1MHz each time.
- If you need to **search for stations again**, press the **FM** button and then press and hold it (approx. 2 seconds).
- Turn the **A** knob to change the volume and press the **FM** button to turn the radio off.
- To set the radio **off timer**, press and hold the  button for 2 seconds. After entering the timer mode, the "sleep" time will flash. Press the  button again to set a different time.  
NOTE: If no manipulation occurs within 5 seconds the set time will be confirmed and the countdown will begin. After the set time has elapsed, the radio will switch off.

ALARM SETTINGS

- Press the  button to set Alarm1 and Alarm2 to ON and OFF. The displayed symbol <sup>1</sup> or <sup>2</sup> indicates that Alarm1 and Alarm2 are active. If the icon is not displayed it means that the alarm is off.
- Press the  button once to display the time of Alarm1, press the  button a second time to display the time of Alarm2, press the  button a third time to return to the current time display.
- When the Alarm1 icon appears, press and hold the  button (approx. 2s) until the HOUR starts flashing. Use the +/- buttons to set the desired time.
- Press  to confirm the HOURS setting and move on to the next setting.  
Setting sequence: HOUR □ MINUTE □ REPEAT □ RING □ MAX. RING VOLUME
- When setting the ringing type, S1 is the beep tone (buzzer) and S2 is the FM radio ring tone.  
NOTE: The max. ringtone volume setting is only available for FM radio ringtone.  
When using beeper tone, the ringing time is 2 minutes, when using FM radio, the max. time is 30 min.
- To turn off the alarm, press any button on the device except the  button. If you just want to snooze the alarm, press the  button and the alarm will snooze for 8 minutes.





NOTE: If no action is taken for 20 seconds during setup, the device will return to the time display.

CONVERSION OF TEMPERATURE UNITS





Press the +/-°C/°F button to display the temperature unit in °C or °F.

WEATHER FORECAST

- Please note that the weather forecast is for information only. For a full forecast, please contact the weather centre.
- Weather forecasts are evaluated based on barometric pressure fluctuations and may differ from actual meteorological conditions.
- The weather symbols indicate weather variations in the next 8 hours, not the current weather.

Sunny	
Slightly cloudy	
Overcast	
Rain	

## BACKLIGHT AND PROJECTION

- Press and hold the + button for 2 seconds to switch between manual and automatic backlight setting mode.
- When the device is switched on, the backlight is in manual mode by default. When switching to auto mode, the  symbol is displayed.
- In manual mode, press the  button once to adjust the brightness. Press the  button to change the projection angle. Press and hold the  button for 2 seconds to turn projection on/off.
- In auto setting mode, the product detects the ambient brightness using a light sensor. If the environment is very bright, the display brightness is high. If the ambient light is too strong, the projection will automatically turn off. If the ambient brightness is low, the display brightness is also automatically dimmed and the projection function is automatically switched on.
- In Auto Brightness Adjustment mode, you cannot adjust the brightness level manually.



The product has been issued with a CE declaration of conformity in accordance with the applicable regulations.  
On request from the manufacturer: [info@solight.cz](mailto:info@solight.cz), or downloadable at [www.solight.cz/en](http://www.solight.cz/en).



Solight Holding, s.r.o., Na Brně 1972, Hradec Králové 500 06, Czech Republic.