Technical data:

▶ DCF-77 Radio controlled Clock
▶ Time in 12/24 hour format
▶ Manual time setting option
▶ Time Zone setting: -12/+12h
▶ Continuous calendar up to year 2054
▶ Date and weekday display
▶ Temperature display in ℃ or °F
▶ Weekday display in seven languages: English, German, Italian, French, Danish, Dutch, Spanish
▶ Snooze function
▶ Thermometer: Indoor measurement ranges: -9.9°C ~ 59.9°C
▶ Battery: 1.5V "AA" size x 2pcs (not included)

Important information:

▶ When you insert the batteries all the symbols on the display will briefly light up and you will hear a signal tone, LCD full display for 2 seconds with beeping, then enter RCC reception for seven minutes.
▶ If this automatic setting process is unsuccessful, then use a sharply pointed instrument to press the **Reset** button on the rear side of the clock.

Manual time setting:

▶ Press and hold down the "**SET"** button for 2 seconds, the 12/24 hour mode display starts to flash. Now use "▲" and "▼ "buttons to set the correct 12/24 hour mode.
▶ Press "**SET**" to confirm your setting, the offset display starts to flash. Now use "▲" and "▼"buttons to set the correct time zone.
▶ Press "**SET**" to confirm your setting, the Hour display starts to flash. Now use "▲" and "▼"buttons to set the correct hour.
▶ Press "**SET"** to confirm your setting, the Minute displays starts to flash. Now use "▲" and "▼"buttons to set the correct minute.
▶ Press "**SET"** to confirm your setting, the Year display 2004 starts to flash. Now use "▲" and "▼ " buttons to set the correct year.
▶ Press **SET** to confirm your setting, the Month display starts to flash. Now use "▲" and "▼" buttons to set the correct month.
▶ Press "**SET"** to confirm your setting, the Date display starts to flash. Now use "▲" and "▼" buttons to set the correct date.
▶ Press "**SET"** to confirm your setting, the language selection for the Weekday displays starts to flash. Now use "▲" and "▼" buttons to select a language.
▶ Press "**SET"** to confirm your setting and to end the setting procedures, enter the clock mode.
Info:
▶ After 30 seconds without pressing any button, the clock switches automatically from set mode to normal time mode.

Setting the daily alarms:

To view the set alarm times, under the clock mode, press once **ALARM** button, LCD displays the "🔔" icon.
▶ Press and hold down the **ALARM** button for 2 seconds until Alarm Time flashing icon is displayed. Now use the "▲" and "▼" buttons to select the alarm time you require and briefly press the **ALARM** button to set this Alarm time.
▶ The Hour display of the Alarm time starts to flash. Use the "▲" and "▼"buttons to set the required hour. Press

‣ **ALARM** button to confirm your setting

‣ The Minute display of the Alarm time starts to flash. Use the "▲" and "▼"buttons to set the required minute. Press **ALARM** button to confirm your setting and to end the setting procedure.

‣ To activate or deactivate the daily alarms, briefly press the "**ALARM**" button once.

Info:

‣ After 30 seconds without pressing any button the clock switches automatically from setting mode to Normal clock mode.

‣ The alarm will sound for 2 minutes if you do not deactivate it by pressing any button. In this case the alarm will be repeated automatically after 24 hours.

‣ Rising alarm sound changes the frequency 4 times while the alarm signal is heard.

Automatic Snooze function:

‣ Proceed as follows to activate the automatic Snooze function: While the alarm is sounding, press the **SNOOZE** button to activate snooze function. Then Snooze function is active. The "🔔" icon appears on the display.

‣ This operation moves the alarm back by 5 minutes and the alarm will restart at this time.

‣ The Snooze function can be interrupted by pressing any button.

°C/°F temperature display:

‣ The temperature is displayed either in °C or °F. Briefly pressing the "▼"button allows you to switch between the individual models.

Reception of the Radio signal:

‣ The clock automatically starts the **DCF** signal search after 7 minutes of any restart or changing of new fresh batteries. The radio mast icon starts to flash.

‣ At 1:00 am, the clock automatically carries out the synchronization procedure with the **DCF** signal to correct any deviations to the exact time. If this synchronization attempt is unsuccessful (the radio mast icon disappears from the display), the system will automatically attempt another synchronization at the next full one hour. This procedure is repeated automatically up to total 5 times.

‣ To start manual **DCF** signal reception, press the "**WAVE**" button. If no signals received within 7 minutes, then the **DCF** signal search stops (the radio mast icon disappears) and start again at the next full one hour.

‣ During RC reception，to stop searching radio signal, press the "**WAVE**" button once.

Info:

‣ A flashing radio mast icon indicates that the **DCF** signal reception has started

‣ A continuously displayed radio mast icon indicates that the **DCF** signal was received successfully

‣ We recommend a minimum distance of 2.5 meters to all sources of interference, such as televisions or computer monitors

‣ Radio reception is weaker in rooms with concrete walls (e.g.: in cellars) and in offices. In such extreme circumstances, place the system close to the window.