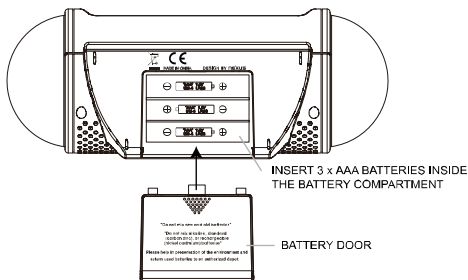
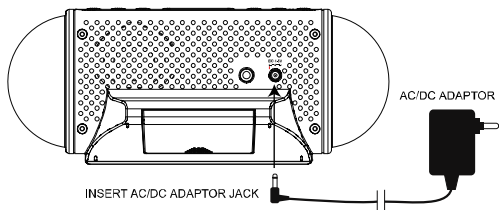
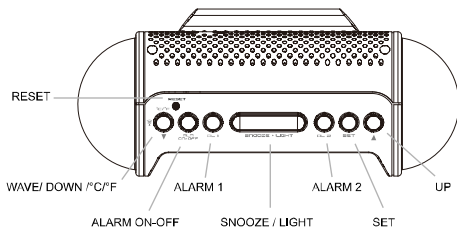
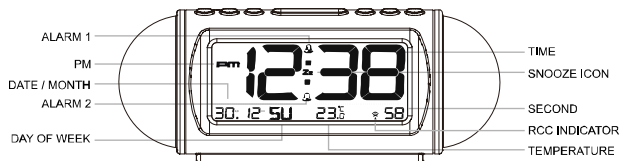


Instruction Manual

WT 499 Radio Controlled Clock with Wake-up-Light and Mood Light



Words in the figure:

Figure 1:	ENGLISH	OTHER LANGUAGE
	DATE OF WEEK	
	ALARM 2	
	DATE / MONTH	
	PM	
	ALARM 1	
	TIME	
	SNOOZE ICON	
	SECOND	
	RCC INDICATOR	
	TEMPERATURE	
	UP	
	SET	
	ALARM 2	
	SNOOZE / LIGHT	
	ALARM 1	
	ALARM ON – OFF	
	WAVE / DOWN / °C/°F	
	RESET	
	DC SOCKET	
	AC/DC ADAPTOR	
	INERT AC/DC ADAPOR JACK	
	INSERT 3 x AAA BATTERIES INSIDE THE BATTERY COMPARTMENT	
	BATTERY DOOR	

Feature Lists:

- DCF Radio Controlled Clock
- Gentle Wake-Up-light 15 or 30 minutes before alarm time
- Power-saving Super Bright white LED Light with 15-level brightness control
- Color changing LED mood light
- Dual alarm
- 12 HR / 24 HR time format
- Indoor Temperature with degree C / F readout
- Automatic dimmer of LCD backlight by light sensor
- Programmable snooze duration from 5 – 60 minutes
- Battery back-up (3 x AAA batteries, not included)
- External power saving AC/DC adaptor (included)

INSTALLATION

For best reception of radio controlled signal, keep your clock close to a window and away from metal surfaces, electrical appliances and magnetic fields. Keep your clock at least 3 feet away from the AC outlet or the AC/DC adaptor. Plug the AC/DC adaptor to an AC household outlet, and then plug the DC jack to the back of the clock. Your clock is ready to work for you.

BATTERY BACK-UP INSTALLATION

1. Slide opens the battery cover at the bottom of your unit.
2. Insert 3 x AAA batteries into the battery compartment by observing the correct + / - polarity signs.
3. Replace the battery cover.
4. When only batteries are being used, the always-on backlight, wake-up-light and the color changing light functions are disabled.


ENVIRONMENTAL RECEPTION EFFECTS




Your radio controlled clock obtains the accurate time with wireless technology. Same as All wireless devices, the receiving ability maybe affected by, but not limited to, the following circumstances:

- Long transmitting distance
- Nearby mountains and valleys
- Among tall buildings
- Near railway, high voltage cable etc.
- Near freeway, airport, etc
- Near construction site
- Inside concrete buildings
- Near electrical appliances
- Near computers and TV's
- Inside moving vehicles
- Near metallic structures

Place your clock at a location with optimal signal, i.e. close to a window and way from metal surfaces or electrical appliances.



DCF SIGNAL RECEPTION AND SIGNAL INDICATOR

After your clock is powered up, it starts to receive DCF signal. The  icon flashes.

Weak or no DCF signal	(only ▲ icon flashing)
Receiving strong DCF signal	( icon flashing)
Successful Reception	( icon becomes static)
Failed Reception	( icon disappear)

Automatic reception and Manual Reception

Your clock starts automatic reception everyday at 1:00, 2:00, 3:00. If it fails to receive the DCF time signal at 3:00, it will start reception at 4:00. If it fails again it will start reception at 5:00. If it fails again it will start automatic reception at 1:00 again in the next day.

Manual reception: press and hold ▼ /  button until you hear a short beep to start manual reception. Press and hold ▼ /  to stop reception.

Remark: when your clock is receiving radio controlled time signal, the wake-up-light and color changing light functions are disabled, and all buttons do not function until the reception is finished.

TO SET CALENDAR, 12/24 TIME AND TIME

1. Press and hold **SET** for 2 seconds, time digits change to "**24 Hr**" and flash, press ▲ / ▼ to select "**12 Hr**" time format or "**24 Hr**" time format. When 12HR is selected, **AM or PM** will be displayed.
2. Then press **SET** once again, time digits change to "**00**" and flash. Press ▲ / ▼ button to select the time zone:

"00" = GMT +1 hour (e.g. Germany)
"01" = GMT +2 hours (e.g. Finland)
"-01" = GMT 00 hour (e.g. U.K.)
3. Then press **SET** once again, hour digits flash. Press ▲ / ▼ button to set hour.
4. Then press **SET** once again, minute digits flash. Press ▲ / ▼ button to set minute.

5. Press **SET** once again, the LCD display shows Zz and "05" flashes, press ▲ / ▼ to set snooze duration from 5 to 60 minutes.
6. Then press **SET** once again, time digits change to year "2011" and flash. Press ▲ / ▼ to set the year.
7. Then press **SET** once again, month digits flash. Press ▲ / ▼ button to set month.
8. Then press **SET** once again, date digits flash. Press ▲ / ▼ button to set date.
9. Then press **SET** once again, day of week digits flash. Press ▲ / ▼ button to select the language of day of week.

EN = English

DU = Dutch

GE = German

SP= Spanish

FR = French

DA = Danish

IT = Italian

10. Press **SET** to return to time display, or it will return to time display in around 10 seconds if no further press of any other buttons.

TO SET ALARM 1 and 2





Press and hold **AL1** until the LCD displays "6:00" and "A1" appears at the lower right LCD. The hour digits flash. Then press ▲ / ▼ to set your desired hours of Alarm 1.

Press **AL1** once again, minute digits flash. Press ▲ / ▼ to set your desired minutes of Alarm 1.



Press **AL1** once to return to time display or it will return to time display in around 10 seconds if no further press of any other buttons.



To set Alarm 2, press and hold **AL2** until the LCD displays "6:00" and "A2" appears at the lower right LCD. Repeat the above steps to set Alarm 2.

TO TURN ON OR OFF YOUR ALARM

Press **ALM ON.OFF** one at a time to turn on or off Alarm 1 and / or Alarm 2. When the alarm function is turned on, the  and/or  appears between the hour and minute digits. To turn off both alarms, press **ALM ON.OFF** one at a time until both  and  icons disappear.


TO USE SNOOZE ALARM

When time reaches your set alarm time, your clock will give beep sound to wake you up. The  and/or  icon will flash.

- 1) Press **SNOOZE** on the middle top once to stop the alarm temporarily, the “**Zz**” icon keeps flashing. The alarm will beep again according to the setting of your snooze duration.
- 2) To stop the alarm, when the alarm is beeping, press **ALM ON.OFF** once, the alarm beep will stop and the  and/or  icon becomes static, alarm will beep again same time next day.

Alarm Duration: 2 minutes

TO TURN ON/OFF THE WAKE-UP LIGHT FEATURE

Press and hold **SNOOZE . LIGHT** until the display shows  and “**OFF**” flashes. Then press **▲ / ▼** to select:

- 15** : turns light on and get brighter gently 15 minutes before your set alarm time
- 30** : turns light on and get brighter gently 30 minutes before your set alarm time
- OFF** : turn off the Wake-Up-Light feature

Press **SNOOZE . LIGHT** again to return to normal time display.

TO USE THE WHITE LED LIGHT OR THE COLOR CHANGING MOOD LIGHT

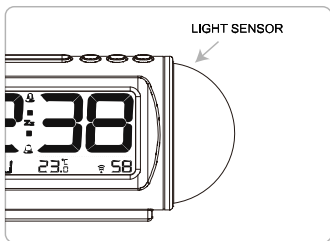
1. Press the top **SNOOZE . LIGHT** to turn on the white LED light. The LCD display shows **L09**, which is the default brightness of the white LED light. You could press **▲ / ▼** one at a time to increase or reduce the brightness Level from 0 (lowest) to L15 (highest).
2. Touch the top **SNOOZE . LIGHT** again to turn on the color changing mood light.
3. Touch the top **SNOOZE . LIGHT** again to fix a color of your mood light.
4. Touch the top **SNOOZE . LIGHT** again to turn off all the light function.

The LCD display will return to time display in around 10 seconds if there is no further press of any button.

AUTOMATIC LIGHT SENSOR

Your clock is equipped with an automatic light sensor on the right cover. The brightness of backlight will be adjusted to lower level when your room environment is dim or dark.

Please keep your clock at least 10cm distance away from any objects on top of this light sensor position.



TO DISPLAY TEMPERATURE IN DEGREE °C OR °F

Simply press ▼ (°C/°F) once to display temperature in degree °C or degree °F.

TROUBLE SHOOTING

In case your clock shows irrelevant information or digits, it maybe affected by electrostatic discharge or interferences from other devices. Press the **RESET** button on the left top of your clock. Your clock will be reset to default setting of time and calendar and it will start to receive radio controlled time signal again.

CARE OF YOUR RADIO CONTROLLED CLOCK

1. Do not expose the unit to extreme temperature, water or direct sunlight
2. Avoid contact with any corrosive materials
3. Do not subject the unit to excessive force, dust or humidity
4. Do not open the inner back case or tamper with any components of this unit

SPECIFICATIONS

Indoor Temperature Range	0C to +50C (32F to +122F)
Temperature Resolution	0.1C
Alarm Duration	2 minutes
Snooze Duration	5-60 minutes