



## Techno Line WS8014 Digital Clock User Manual

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*LINE*®

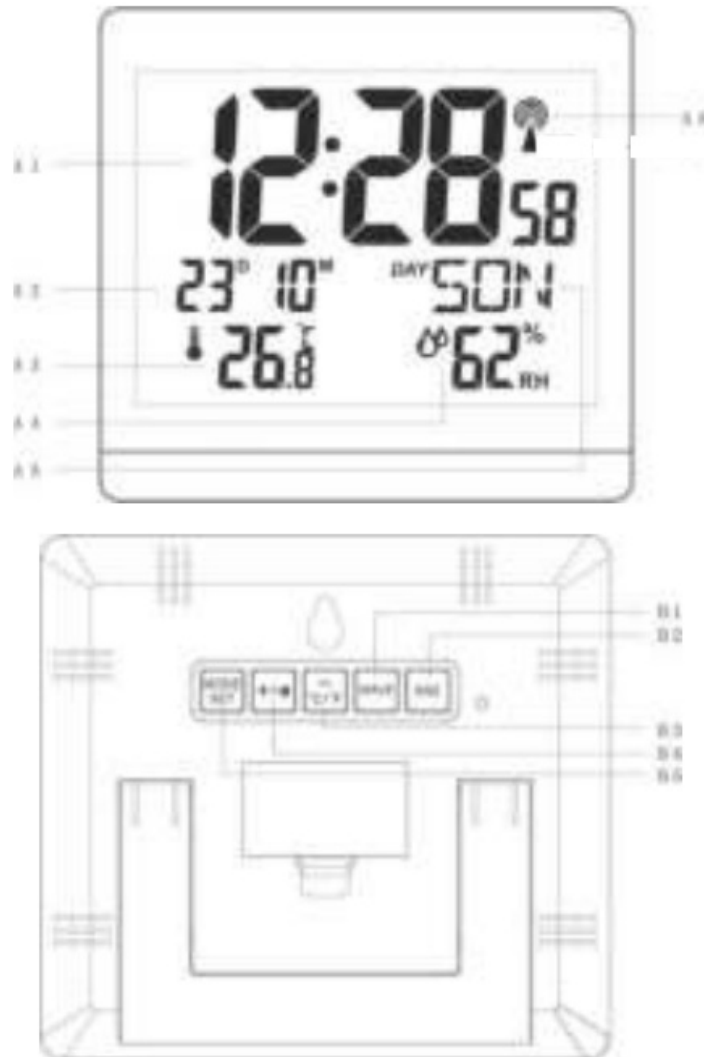
**Techno Line WS8014 Digital Clock**



## FEATURES

- DCF-77 Radio controlled time function
- Perpetual Calendar Up to Year 2099
- Day of week in 7 languages user selectable: English, German, Italian, French, Spanish, Dutch and Danish
- 12/24 hour format
- Daily Alarm Function
- Snooze function(OFF or 1~60min)
- Humidity: Indoor measurable range: 20%RH ~ 95%RH
- Indoor temperature measurement ranges: -9.9°C (14.1°F) ~ 50°C (122°F)  
— Temperature alternatively in °C or °F.
- **Power Supply:** Battery: 2 x LR6 AA \

## Product



### Part A – LCD

1. Time
2. Date
3. Indoor Temperature
4. Indoor Humidity
5. Day
6. Radio Controlled Icon

### Part B – Back button

1. “WAVE” button
2. “SNOOZE” button
3. “DOWN” button
4. “UP” button
5. “MODE” button

## Initial operation

- Open battery compartment cover
- Insert 2 x AA batteries observing polarity [ “+” and “-” marks]
- When you insert the batteries, all the icon on the LCD display will light up for 3 seconds, and you will hear a beep tone and the station detects indoor temperature & humidity.
- Then the station will enter the radio-controlled time signal reception mode.

### **Reception of the DCF signal**

- The clock automatically starts the DCF (radio controlled time) signal search of any restart or changing of new fresh batteries. The radio mast icon starts to flash.
- At 1:00 /2:00 / 3:00 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 hour. This procedure is repeated automatically up to total 5 times.
- To start manual DCF signal reception, press and hold down the “WAVE” button for two seconds. If no signals are 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 DCF reception, to stop searching radio signal, press the “WAVE” button once

### **Please note:**

- 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.
- During the RC receive mode, only the SNZ” and “WAVE” button function, other buttons have no function. If you want to use other functions, please press the “WAVE” button to exit the DCF reception mode.

### **Manual time setting**

- Press and hold down the “MODE” button for 2 seconds, 12/24HR start to flash. Now use “+” and “-” buttons to set the set 12 or 24-hour mode.
- Press the “MODE” button to confirm your setting, the time zone starts to flash. Now use “+” and “-” buttons set a time zone (-12 to +12). For example for UK, the time zone is -01, for Germany it is 00.
- Press “MODE” to confirm your setting, the Hour display starts to flash. Now use “+” and “-” buttons to set the hour.
- Press “MODE” to confirm your setting, the Minute display starts to flash. Now use “+” and “-” buttons to set the minute.
- Press the “MODE” button to confirm your setting. The month and date icon display starts to flash. Now use “+” and “-” buttons to set the date display to Month/Date or Date/Month format.
- Press “MODE” button to confirm your setting. The year display 2015 starts to flash. Now use “+” and “-” buttons to set the year.

- Press “MODE” button to confirm your setting. The month display starts to flash. Now use “+” and “-” buttons to set the month.
- Press “MODE” button to confirm your setting. The Date display starts to flash. Now use “+” and “-” buttons to set date.
- Press “MODE” button to confirm your setting, the language selection for the Weekday displays starts to flash. Now use “+” and “-” buttons to select a language.
- Press “MODE” to confirm your setting and to end the setting procedures and enter the clock mode.

Idioma	Domingo	Lunes	Martes	Miércoles	Jueves	Viernes	Sábado
Alemán, GER	SON	MON	DIE	MIT	DON	FRE	SAM
Inglés, ENG	SUN	MON	TUE	WED	THU	FRI	SAT
Francés, FR	DIM	LUN	MAR	MER	JEU	VEN	SAM
Italiano, ITA	DOM	LUN	MAR	MER	GIO	VEN	SAB
Español, SPA	DOM	LUN	MAR	MIE	JUE	VIE	SAB
Holandés, DUT	ZON	MAA	DIN	WOE	DON	VRI	ZAT
Danés, DAN	SON	MAN	TIR	ONS	TOR	FRE	LOR

**Please note:**

After 20 seconds without pressing any button, the clock switches automatically from Set Mode to Normal Time Mode.

**Setting the alarm**

- Press “+” button once, LCD displays the “ ” icon, the alarm function is ON. Then press once “+” button, the “ ” icon will disappear from the display, the alarm function is OFF.
- Press “MODE” button once, LCD displays alarm (default 6:00 AL) time. Then press and hold “MODE” button for 2 seconds until hour of the alarm time starts to flash. Use the “+” and “-” buttons to set the hour. Press “MODE” button to confirm your setting.
- The Minute of the Alarm time starts to flash. Use the “+” and “-” buttons to set the minute. Press “MODE” button to confirm your setting.
- The snooze time of the alarm starts to flash. Use the “+” and “-” buttons to set the snooze time. Snooze time can be set from OFF to 60 minutes.
- Press “MODE” button to confirm your setting and to end the setting procedure.

**Please note:**

- After 20 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 (crescendo, duration: 2 minutes) changes the volume 4 times whilst the alarm signal is heard.

**Switching off the alarm signal**

Press any button except the “SNZ” button to stop the alarm signal. It is not necessary to reactivate the alarm. It switches itself automatically to the alarm time which has already been set.

### **Snooze function**

Press the “SNZ” button the alarm signal sounds to get to Snooze mode. The alarm signal sounds again after the time that was set for Snooze. If OFF was selected in the Snooze time setting, the alarm will not repeat.

### **Switching °C or °F**

Press once “-” button to switch the temperature unit to °C or °F.

## **SPECIFICATIONS**

- **Power Supply:** 2x LR06 (AA, Mignon) Battery
- **Perpetual calendar range:** 2000-1-1~2099-12-31
- **Time zone:** -12~12Hr
- **Indoor Temperature measuring range:** -9.9~50°C
- **Temperature resolution:** 0.1°C/°F
- **Temperature accuracy:** 0°C 40°C: ±1°C -9.9°C -0°C, 40°C 50°C ±2°C
- **Humidity measuring range** 20-95%
- **Humidity resolution** 1%
- **Humidity accuracy** 40-80%: ±5% 20~39%,81-95%: ±8%

### **Environmental reception effects**

The station obtains the accurate time with wireless technology. Same as all wireless devices, the reception is maybe affected by the following circumstances:

- long transmitting distance
- nearby mountains and valleys
- near freeway, railway, airports, high voltage cable etc.
- near construction site
- among tall buildings
- inside concrete buildings
- near electrical appliances (computers, TV's, etc) and metallic structures
- inside moving vehicles

Place the station at a location with optimal signal, i.e. close to a window and away from metal surfaces or electrical appliances.

### **Precautions**

- This main unit is intended to be used only indoors.
- Do not subject the unit to excessive force or shock.
- Do not expose the unit to extreme temperatures, direct sunlight, dust or humidity.
- Do not immerse in water.
- Avoid contact with any corrosive materials.

- Do not dispose this unit in a fire as it may explode.
- Do not open the inner back case or tamper with any components of this unit.

## Batteries safety warnings


- Use only alkaline batteries, not rechargeable batteries.
- Install batteries correctly by matching the polarities (+/-).
- Always replace a complete set of batteries.
- Never mix used and new batteries.
- Remove exhausted batteries immediately.
- Remove batteries when not in use.
- Do not recharge and do not dispose of batteries in fire as the batteries may explode.
- Ensure batteries are stored away from metal objects as contact may cause a short circuit.
- Avoid exposing batteries to extreme temperature or humidity or direct sunlight.
- Keep all batteries out of reach from children. They are a choking hazard.

Use the product only for its intended purpose! Consideration of duty according to the battery law Old batteries do not belong to domestic waste because they could cause damage of health and the environment. You can return used batteries free of charge to your dealer and collection points. As end-user you are committed by law to bring back needed batteries to distributors and other collecting points!

## Consideration of duty according to the law of electrical devices

This symbol means that you must dispose of electrical devices separated from the General household waste when it reaches the end of its useful life. Take your unit to your local waste collection point or recycling centre. This applies to all countries of the European Union, and to other European countries with a separate waste collection system.

## Documents / Resources

	<p><a href="#">Techno Line WS8014 Digital Clock [pdf] User Manual</a> WS8014, Digital Clock, WS8014 Digital Clock</p>
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