# Handling precautions (Read before use)

/! Improper handling may result in fire, electric shock, unexpected trouble and/or damage.

## ① Warning

#### About the battery

- Do not put the battery directly into flames. Additionally, do not attempt to short, take apart, alter or recharge the battery. Any of these actions may result in battery leakage, overheating, fire or explosion.
- If any liquid from the battery enters the eyes, or comes in contact with your body, wash the contacted area thoroughly with water, and consult a physician immediately.
- Continued use of an old/expired battery may result in explosion.
- Only use battery types specified in this manual.
- Insert the batteries in the correct polarity. Inserting in the incorrect polarity may result in battery leakage or explosion.
- Keep removed batteries in a place that is out of reach of the hands of children. If a child inadvertently swallows a battery, consult a physician immediately and follow the instructions.

## ▲ Caution

#### About the battery

- Always remove the battery when it is depleted, or if you are not planning to use this product for an extended length of time. Keeping it in the product may result in leakage or explosion.
- Follow all local rules and regulations when disposing of the battery (Be sure to replace the dry cell battery at least once a year).
- If a depleted alkaline battery is left inside the product, fluid inside the battery may leak. When the battery is depleted, replace it with a fresh battery as soon as possible, and dispose of the depleted battery in a proper manner that corresponds to local rules and regulations.
- Replace all batteries at the same time (Do not use the product with a mixture of old and new batteries).
- Do not mix together different types of batteries.

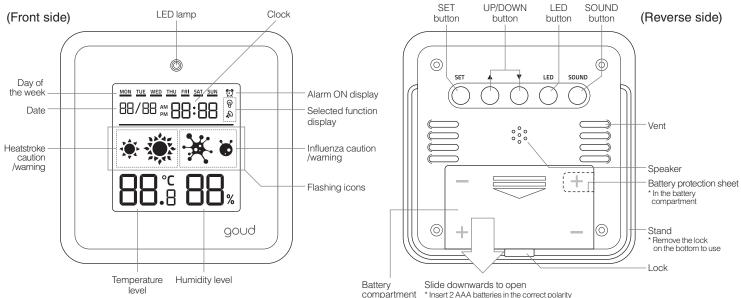
### About the LCD panel

- Characters displayed on the LCD panel will appear lighter and darker depending on the viewing angle.
- The LCD display may become dull in low temperatures, and darken in high temperatures, making impossible to read.
- Do not touch the screen of the LCD panel with your fingers. This may cause the screen to become lighter or darker. If this occurs, leave the screen alone for a short time, and it will return to normal.
- The pieces of a broken LCD panel pose a significant danger. Dispose of the LCD panel immediately in a proper manner that corresponds to local rules and regulations.
- If the LCD panel is left in direct sunlight for an extended period of time, the screen may turn black and become impossible to read.

#### About the unit

- Under no circumstances should the user attempt to take apart, modify or repair the unit. This may result in injury and/or damage.
- This product is not waterproof. Do not immerse in water or allow to come into contact with water or rain.
- Do not use in areas with high moisture and humidity, areas where there is strong magnetic charge or vibrations, or areas where there is a lot of dust. This may result in damage.
- Do not use or store near heaters, in bathrooms, automobiles, or intensely cold areas that exceed the product's temperature range (0 - 50°C).
- Do not touch with wet hands.
- Avoid any strong shocks or jolts to the product.
- If, during use, you notice any abnormalities such as smoke being emitted from the product, stop use immediately.
- Do not expose the product to direct sunlight for extended period of time.
- Place the product in a place where children cannot reach it.
- If the unit or LCD panel becomes dirty, wipe with a soft cloth dipped in neutral detergent. Never use spray cleaners, benzene or thinners.
- This product is not suitable for medical or industrial use. Please refer to it as a guide for temperature and humidity levels during normal everyday use.
- This product does not measure the amount of airborne viruses around it, it is only designed to alert of conditions where viruses may propagate easily.
- © ELÉCOM is not to be held responsible for consequential damages resulting from errors in temperature and humidity.

\* Refer to the reverse side for instructions on how to use each buttons.



### ■Part names

# Thermo-Hygrometer User's Manual

#### Various settings

Open the battery compartment on the back of the unit and take out the battery protection sheet stored in the compartment (refer to the diagram for part names).

#### How to set the clock

- With the date and time displayed on the screen, press and hold the SET button (hold for approx. 5 seconds). The [24h] or [12h] indication begins blinking, and you can now perform settings.
  Settings are done in the following order: 12h/24h→Year→Month→Day→Hour→Minute
- \* Adjust the numerical values by pressing the UP (▲) and DOWN (▼) buttons, and then press the SET button to confirm the value, and move on to the next setting. Press and hold the UP and DOWN buttons to rapidly cycle through values.

#### How to set the alarm clock

- 1. Press the SET button until the screen displays [AL]. Press the UP/DOWN buttons to display the [Alarm clock icon 😰]. When 😰 is displaying, the alarm clock is set to ring.
- 2. Press and hold the SET button (hold for approx. 5 seconds). "Time" starts blinking, and you can now set the alarm time.
- 3. The alarm time is set in the following order: Hour $\rightarrow$ Minute
- \* Adjust the numerical values by pressing the UP (▲) and DOWN (▼) buttons, and then press the SET button to confirm the value, and move on to the next setting.

# When setting is complete, remove the lock at the bottom on the reverse side of the unit, and pull out the stand to use it in a standing position.

#### How to view the display

SOUND button - Switches between sound ON and OFF \* When sound is ON, a speaker icon ( ) appears next to the time display. When this icon is displaying, the alarm will ring when the status condition rises above "Caution".

#### LED button - Switches between LED ON and OFF

1.Switches between "Time" and "Alarm settings"

When LED is ON, a light bulb icon ( ) appears next to the time display. When this icon is displaying, the LED lamp will blink when the status condition rises above "Caution".

**Button functions** 

After approx. 30 seconds, the alarm setting screen will automatically return to

#### (Buttons on the reverse side)

SET button

the "Time" display

2. Turn off the alarm clock



	Icon display * Flashes during display		A suggested daily activity with which you should aim to take caution	Cautionary items		Icon display * Flashes during display		Cautionary items	
Heatstroke	Warning	*	Risk for all daily activities	For senior citizens, even when resting/asleep there is a high risk of danger. Avoid going outside as much as necessary, and move to a cool room.	Influenza	Warning	×	Air is particularly dry, creating a condition where influenza can easily propagate.	
	Caution	۲		When going outside, avoid spending time in direct heat. When inside, take caution that the temperature is not too high.	Innuenza	Caution	Ö	Air has become drier, creating a condition where influenza can propagate.	

(Reference) Heatstroke cautionary items: From "Guidelines to prevent heat disorder in daily life" published by The Japanese Society of Biometeorology. Influenza cautionary items: From The Miyagi Prefectural Medical Information Center

Explanation of sounds and lamps					
Sounds	Warning	6 times / 10 second intervals			
	Caution	2 times / 10 second intervals			
	Warning	Blinks 2 times per 1 second / 5 second intervals			
Heatstroke - Red Influenza - Blue	Caution	Blinks once per second / 15 second intervals			

	Specifications			
Clock	Displays month, day, day of the week, hour (12h/24h configurable display)			
Alarm clock	Alarm with increasing tempo			
Power supply	3.0 VDC (2 x AAA dry cell alkaline batteries)			
Size / Weight	W80 x H80 x D19.5 mm (excl. stand) / 55 g			
Accessories	2 x AAA dry cell alkaline batteries for confirming unit operation			
Measurement range	Temperature: 0°C - 50°C / Humidity: 20% - 90% Note: [H] displays when the maximum measurement limit is exceeded, [L]displays when the minimum measurement limit is exceeded.			
Usable temperature/ humidity range	Temperature: 0°C - 50°C / Humidity: 20% - 95% (no condensation)			
Resolution	Temperature: 0.1°C / Humidity: 1%Rh			
Measurement interval	Temperature/Humidity: 30 seconds			
Sensor	Temperature: Thermistor / Humidity: Polymer resistance			
Accuracy	Temperature: ±1.5°C / Humidity: ±5%Rh *1			
Accuracy conditions	Temperature: 0°C - 50°C ±1.5°C *1 Humidity: 35%-75%: ±5%, other conditions: ±10%			
Materials	Unit: ABS plastic / Front panel: PC			

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