

TEMPMINDER® MRI101AG

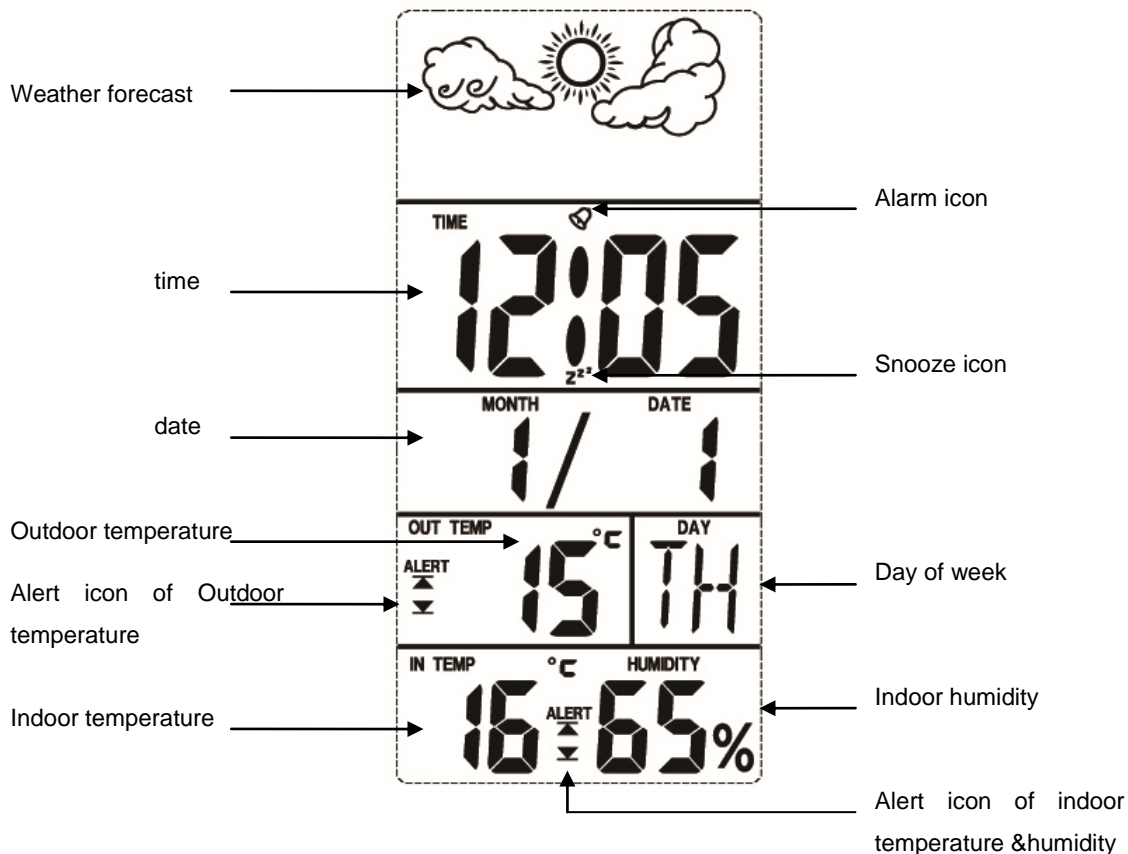
Instruction Manual

Thank you for purchasing this TempMinder® Model MRI-101AG. We hope you enjoy its many features and benefits for years to come.

FEATURES:

- Weather forecast (in 4 icons)
- 12/24hr time display
- Calendar (date, week, year to 2099!!)
- Alarm & Snooze
- Indoor temperature & humidity
- Outdoor temperature
- Min/Max memory for indoor temperature & humidity
- Min/Max memory for outdoor temperature
- Outdoor temperature alert
- Indoor temperature alert
- Indoor humidity alert
- DST (Daylight saving time)
- Cable Sensor: 180cm

The Main Display



Getting Started:

- A) The numbers will not change unless you remove the static label covering the front display as well as the clear plastic insulation strip sticking out the back of the unit. The insulation strip was inserted so that the batteries did not drain prior to you taking it home!
- B) So, remove the strip. If the unit does not immediately “BEEP”, remove the battery cover and press on both batteries. This will confirm their proper installation and connection. Replace the battery cover. In a year or so, you’ll need to replace the two LR1130/AG10 button cells. When

you do, be sure the + side is up. To remove the batteries, use a small metal (pointed) tool like a screw driver or straightened paper clip (sorry, not included).

C) At this point you should see the indoor temperature and humidity as well as the outdoor temperature. Please note due to variances in electronic components, the two temperatures may not be exactly the same (+/- 1C even though the probe is indoors at the moment). Showing as well will be the clock (12:00), month (1), date (1) and day (TU).

D) Setting the Time;

- Press & hold “set” button for 3 seconds
- Press “up” button to select 12hr or 24hr mode
- Press “set” to confirm
- Hour will flash – press “up” or “down” to reach the desired hour
- Press “set” to confirm
- Minutes will flash – press “up” or “down” to reach the desired minute
- Press “set” to confirm
- Year (2008) will flash. Press “up” or “down” for current year
- Press “set” to confirm
- Month will flash – press “up” or “down” for current month
- Date will flash – press “up” or “down” for current date
- DST will flash “OFF”. Leave it there (more on DST below)

Press the “Mode” button or wait 30 seconds and you are done.

That’s it! If you did that on the first try, congratulations – you’re a programming expert.

At this point you may wish to place the unit where you plan to keep it on a regular basis. Obviously in order to obtain an outdoor temperature the probe needs to be outside. It’s best to hang it out a window that is not affected by direct sunlight. You may of course use it as well to monitor the temperature of a refrigerator, freezer or even an aquarium.

Be sure to keep these instructions as you will need them again when you replace the batteries as well as for all the other features/benefits of this HOME® brand TempMinder®.

Reading the Minimum and Maximum History:

After a certain period of time (overnight, a day, week, month, etc) you can see the highest and lowest temperatures as well as the humidity attained during that period.

- Press the “UP” button to see the Maximum indoor and outdoor temperatures as well as the indoor humidity for the period (since last cleared).
- Press it again and you will see the minimums
- Press it again to return to the normal display (or wait 30 seconds)
- To CLEAR the memories (and start a new period), press and hold the “UP” button when the unit is displaying the Maximum and Minimum histories

Alarm Time & Alarm “Tune” Setting:

- 1) Press **MODE** button once to enter Alarm Time setting mode. The “ALARM” icon appears and the time shows 12:00.
- 2) Press and hold **SET** key for 3 seconds. Press the **UP /DOWN** key to adjust the hour and minute pressing the **SET** key to confirm each number.
- 3) Next, the number in right corner of the 4th LCD will flash. Press the **UP/DOWN** key to select the “tune” you would like to hear (7 choices – FYI #6 is Happy B’day!!). Press SET key to confirm.
- 4) You will now see a “05” flashing. We suggest at this point you simply wait 30 seconds for the unit to return to the normal display mode. If/when you actually use the alarm with snooze, the snooze will function every 5 minutes and will repeat 3 times. This is the factory default setting for the snooze function. If you would like to change these settings, read on. If you are happy with the 3 times every 5 minutes, then skip to “Alarm and Snooze Controls #4)” below.

Snooze Setting:



- 1) In order to get to the Snooze setting mode, repeat steps 1 through 4 from above.
- 2) When you see the “05” flashing, use **UP/DOWN** to choose the time between snooze alarms. Press SET key to confirm.

- 3) Press **UP/DOWN** key to choose the number of times you want the snooze alarm to repeat. Press **SET** to confirm. You have now programmed the number of times the snooze alarm will go off as well as how long you have to actually snooze between alarms.

Alarm and Snooze Controls:

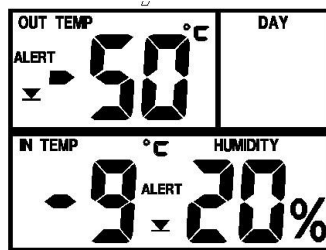
- 4) **To turn on the alarm** functions, press **Mode** key once. Then press the “**UP**” button. You will see a “🔔” appear above the time display. Press the “**UP**” button again and you will see a tiny “**ZZ**” below the time display. At this point you have activated both the alarm and snooze functions.
- 5) To return to the normal display mode, press the **MODE** key twice or simply wait for 30 seconds.
- 6) When the alarm is active (going off), you may press any button to stop it. Pressing the **SNZ** button will activate the previously programmed snooze times.
- 7) **To turn off the alarm**, press **MODE** once. Press **UP** button two times to turn off the alarm and the snooze function. The “🔔” & “**zz**” will disappear.

The following functions allow you to set high and low alerts for indoor and outdoor temperatures as well as high and low alerts for indoor humidity.

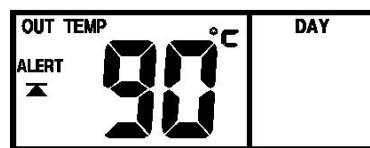
Temperature and Humidity Alert setting:

The following alert settings appear in this order: 1-Maximum outdoor Temp, 2-Minimum outdoor Temp, 3-Maximum indoor Humidity, 4-Minimum Indoor Humidity, 5-Maximum indoor Temp, 6-Minimum indoor Temperature.

- 1) Press **MODE** key two times. Here’s what you should see.



- 2) Press and hold **SET** key for 3 seconds to enter the alert setting, the “90°C” (or “194°F”) will flash. Outdoor temperature alert range is -50°C to 90°C (-58°F to 194°F)



- 3) Press down button to set the **HIGHEST OUTDOOR** temperature alert you need. Press **SET** button to confirm. The Minimum temperature will then flash (-50C). Press the up button to set the **LOWEST OUTDOOR** temperature. Press **SET** to confirm. The unit will now go to the indoor humidity alert setting.
- 4) Follow Step 3 above in setting the high and low **INDOOR HUMIDITY** levels and then the high and low **INDOOR TEMPERATURE** levels.
- 5) Press and hold the “**UP**” button for two seconds to activate the alert system. “🔔” will appear in both the IN and OUT areas of the display. To de-activate the alerts, simply press and hold the “**UP**” button again.
- 6) When a temperature or humidity point has been exceeded, the TempMinder® will “Beep” for 5 seconds per minute until you press any button or the value being monitored returns to normal.

DST (Daylight Savings Time) Function:

This function allows you to quickly change the time (up or down) by one hour.

Press and hold the “set” button for 3 seconds. When the 12hr is flashing, press and release the “set” button SIX times.

If “ON” is flashing, pressing the “up” button will reduce the time by one hour.

If “OFF” is flashing, pressing the “up” button will increase the time by one hour.

Press “Mode” once to return to normal viewing mode.

The Dynamic weather forecast display :

There 4 dynamic weather forecast icons: sunny > semi-sunny > cloudy > rainy .

The unit will give you an “approximate” forecast for the coming 12 to 24 hours.

Humidity below 40% : sunny

Humidity between 40% & 60% : semi-sunny

Humidity between 60% & 80% : cloudy

Humidity above 80% : rainy

For better accuracy, the main unit should be placed near an open window (even for a short period of time). It is difficult (actually impossible) for it to forecast the outdoor weather if it is always in a completely closed environment (i.e. heated or air conditioned house).

key name	Functions
“MODE ”	1) Used to enter the set mode for the following functions: time ,alarm,alert display. 2) Stop the alarm
“SET”	1) Press one time to change the display icon between °C / °F. 2) Hold it for 3 seconds to enter the time setting. 3) To confirm the setting. 4) Stop the alarm
“UP”	1) Used to increase the numbers when in the setting mode. 2) To check the Max/min temperature of indoor and outdoor. Or the Max/Min indoor humidity 3) Hold for “BEEP” sound to clear the Max/Min temperature and humidity Memory 4) Stop the alarm.
“DOWN”	1) Used to reduce the numbers when in the setting mode. 2) Press and hold to turn the alerts on or off “◆ ” . 3) Stop the alarm
“SNZ”	1) Used to turn on the snooze function when the alarm is activated.

SPECIFICATIONS:**TEMPERATURE & HUMIDITY:**

RECOMMENDED OPERATING CONDITIONS	TEMPERATURE		HUMIDITY	
	INDOOR	0°C to +50°C or 32F to 122F	INDOOR	20% to 90%
OUTDOOR	-50°C to 90°C or -58F to 194F			
ACTUAL PROGRAM (IC) LIMITS	INDOOR	-20°C to +70°C or -4F to 158F	INDOOR	15% to 90%
	OUTDOOR	-50°C to 90°C or -58F to 194°F		
UPDATES	every 10 seconds		every 10 seconds	

Please Note

- HOME® products are guaranteed against defects in material and workmanship. This guarantee does not include batteries, wear or misuse. Contact your local Home Hardware Store for help or information.
- This unit is accurate to +/- 2.0 °F/1.0°C. Due to component tolerances plus other variables, the in and out temperatures may not always be exactly the same.
- “HOME®” is a registered trademark of Home Hardware Stores Ltd.
- “TempMinder®” is a registered trademark of The Minder Research Incorporated
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