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MRC1000 Overview & setup instructions.

Thank you for purchasing the new TempMinder® MRC1000. It is one of the most sophisticated weather monitoring systems available.

General Features & Benefits:

- 5 comfort/forecast weather symbols (Sun to Storm) based on barometric pressure trend.
- Real Time Bar graph showing past 12 hours of pressure History.
- 7 language choices for days of the week
- 12/24 hr clock with dual time alarms plus snooze
- Programmable Hi/Low temperature alarms on all three channels
- Wireless remote temperature and humidity reception °F/°C (up to 100ft/30m)
- One RS200 remote transmitter included (may add 2 more – optional). Temperature & humidity are transmitted every 12 seconds.
- Outdoor temp range -30°C (-22°F) to +50°C(+140°F) Accurate to +/- 2°C
- Humidity range 20%-95% (+/- 8% accuracy)
- Low battery warnings
- Temp/humidity trend indicators
- Min/Max temp & humidity history (indoor & remote)
- 8 Moon phases displayed

So with all of that, let's start setting up your unit. We'll start with the remote wireless transmitter as that's usually what our customers want most!

RS200 Transmitter (that's the small unit that goes outside) set-up:

- Remove the 4 screws on the back. Select channel 1.
- Insert 3 AAA alkaline batteries (use lithium if your area gets really really cold, like Alaska or the Yukon).
- Select °F or °C by clicking the button
- Re-attach the back cover

Even though the RS200 is completely weatherproof, try to locate it in a fairly protected area. Keep it out of direct sunlight.

Indoor Receiver Set-up:

We suggest you familiarize yourself with the control buttons on the rear of the unit. You'll need to press most of these at some point during the set-up procedures.

- Insert 2AAA batteries in the rear (if nothing happens on the front, you put them in wrong!!) Check the + and – directions.

- The unit will beep once and then start searching for a signal (from the transmitter you set up earlier). We suggest you have the RS200 transmitter close at hand for this initial set-up.
- You will receive the remote temp/humidity readings with 3 minutes (usually within 30 seconds). The receiver will automatically switch to the correct channel. If not, find the “ch” button on the rear and press it until you get to whatever channel you set the RS200 to. If you scroll through the channels, you will find that after channel 3, the unit will display channel one with a small circle. At this setting, the unit will constantly scroll through all three channels. Press the “ch” button again and the circle will go away.
- The numbers will be in °Celsius. To switch to °F, press the “Down” button on the rear (doesn’t that make a lot of sense!!).

So, now you have the in/out temp & humidity, the bar graph operating, a barometric pressure reading and a weather forecast symbol. You can pretty well ignore the forecast as it needs at least 12 hours of pressure/humidity information to establish a trend. Please note for accurate forecasts, the unit should be placed somewhere outside the main house (especially if you are running air conditioners).

#### What’s Left??

- Date & Time
- Setting Time Alarms
- Setting Temperature Alarms
- Reading Min. Max. records

For most users, the first two are most used. Before you start, find the plus (+) and minus (-) buttons on the rear. You’ll need good “hand/eye” co-ordination as you’ll be looking at the front and pressing on the rear! You also have 8 to 10 seconds to input the next piece of information, otherwise the unit will go back to the beginning of whatever you were trying to program! In order for all to go smoothly, you need to know the year, month, day, as well as hour and minute before you start.

That’s the bad news. The good news is you can do it as often as you like or until you get it right! It’s really not that hard. It just takes a little getting used to and some patience.

#### Date and Time Set-up:

- Press & hold the “Clock/Set” for 2 seconds – Year will flash
- Press the (+) or (-) to adjust. Press “Clock/Set” to confirm
- Month flashes next. Press + or – to adjust. Press “Clock/Set” to confirm
- Day flashes next. Press + or – to adjust. Press “Clock Set” to confirm
- One of SEVEN languages flashes next!! Press the + button to scroll through. When you see a language you recognize, press “Clock/Set” to confirm. Your choices are: EN (English), GE (German), FR (French), ES (Spanish), IT (Italian), NE (Dutch) or DA (????).
- 12/24 hr flashes. Press + or - and then “Clock/Set” to confirm
- Next comes the Hour, then Minutes, then Seconds. By now you know the procedure to complete the programming.

CONGRATULATIONS! You are ready to enjoy your new TempMinder®. Don’t lose these instructions. You’ll need them again when you replace batteries. You’ll also need the rest when you want to set temperature or time alarms or study the history of the unit.

#### 1. Setting Alarms:

- Press “Alarm Set” for two (2) seconds
- Alarm 1 – Hour will flash → press (+) or (-) to adjust
  - Press “Alarm Set” to confirm → Minutes will flash
  - Press (+) or (-) to adjust

- Press “Alarm Set” to confirm
- Alarm 2 → Hour will flash repeat above procedure
- You have now set two (2) Alarm times. To activate the alarms, press the (-) button. The alarm (1) Icon appears (to the right of the time). Press (-) again and the alarm (2) icon appears. Press (-) again and both Icons appear. Press a third time to turn off both alarms.
- To check the alarm times previously set, simply press and release “Alarm/Set”.
- To silence an alarm, press “Clock Set” or “Alarm Set” on the Front of the TempMinder

## 2. Setting Hi /Lo Temperature Alerts:

NOTE: To raise or lower the temperature levels, use the “up” and “down” buttons on the rear of the TempMinder® (NOT the + & -)!

- Select the channel you wish to program (1, 2, or 3)
- Press and hold “Alert button for 2 seconds”
- “Δ” high temperature icon will flash - press “down” or “up” until the desired “high” temperature is reached
- Press “Alert” again and “ √ ” low temperature icon will flash → press “down” or “up” until desired temperature is reached
- Press “Alert to confirm – both high and low Icons will be “ “ flashing indicating the Temperature Alert System is active.
- To De-activate press “Alert”

NOTE: All three (3) channels may be programmed with Min/Max Alerts. The system will constantly monitor all three (3) channels

## 3. Min/Max Record:

- Press Min/Max button to display Maximum Temperature and Humidity for indoor and remote channel since last cleared. Within five (5) seconds, press again to display the minimum numbers.
- Press and Hold for two (2) seconds to clear temperature and humidity records

Barometric History:

- Press “up” button to switch between Hpa/Mb or InHg.
- The TempMinder® stores twelve (12) hours of Barometric pressure history. To Review (see trend) press “History” button to scroll through hour by hour. History is shown in digital numerical display.

### **Some Brief Trouble Shooting notes:**

**IF: the display on the main unit becomes hard to read**, replace the batteries. Good Alkaline batteries will last for 6 to 10 months in the receiver and 10 to 14 months in the transmitter. Lithiums will last 3 to 4 times longer.

**IF: you lose the signal from the remote transmitter.**

- Press and hold the “ch” button on the rear of the receiver. This will institute a 3 minute search.
- Replace the batteries in the transmitter and then in the receiver.
- If neither of the above solves the problem, the cause is probably electronic interference from another device. This is very difficult to determine and all we can suggest is moving the receiver and transmitter

to various locations. Quite often a move of even a few feet (meters) in one direction or another will resolve the issue.

This product is guaranteed against manufacturing defects (not including batteries) for a period of one year. Should it fail, return it to the address below (with a copy of your receipt). If you drop it, or your dog chews it up, please just buy a new one!!?? ENJOY

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