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Overview & setup instructions:

Thank you for purchasing the new TempMinder® MRC105AG. We have attempted to make these directions as simple to follow as possible (no engineers were allowed input).

General Features & Benefits:

- 5 comfort/forecast weather symbols (Sun to Storm) based on barometric pressure, humidity and temperature trends.
- 7 language choices for days of the week (EN/English, GE/German, IT/Italian, FR/French, NE/Dutch, ES/Spanish, DA/Danish).
- 12/24 hr clock with alarm plus snooze
- Programmable Hi/Low temperature alarms on all three channels
- Wireless remote temperature and humidity reception °F/°C (up to 216ft/65m)
- One RS220 remote transmitter included (may add 2 more – optional). Temperature & humidity are transmitted every 12 seconds.
- Outdoor temp range -50°C (-58°F) to +70°C(+158°F) Accurate to +/- 2°C
- Humidity range 20%-95% (+/- 8% accuracy)
- Low battery warnings
- Temperature 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! The big unit is the receiver (suggest you keep this in the house). The smaller unit is the remote transmitter.

RS220 Transmitter set-up:

- Loosen the screw on the back. Select channel 1, 2 or 3.
- Insert 2 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.
- Press the "Test" button (this confirms the channel and starts the transmission function)
- Re-attach the back cover

Even though the RS220 is completely weatherproof, try to locate it in a fairly protected area. Keep it out of direct sunlight.

Indoor Receiver Set-up (that's the bigger unit with lots of information):

We suggest you familiarize yourself with the control buttons. 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 RS220 transmitter close at hand for this initial set-up.
- You will receive the remote temp/humidity readings within 3 minutes (usually within 30 seconds). The receiver will automatically switch to the correct channel. If not, press “CH” (top of large silver button) until you get to whatever channel you set the RS220 to.
- To switch between C and F, press the “Down” button (doesn't that make a lot of sense!!).

So, now you have the in/out temp & humidity, 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. You 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 “TIME” button for 2 seconds – Year will flash
- Press UP or DOWN to adjust. Press “TIME” to confirm.
- Month flashes next. Press UP or DOWN to adjust. Press “TIME” to confirm
- Day flashes next. Press UP or DOWN to adjust. Press “TIME” to confirm
- One of 7 languages flashes next!! Press the UP button to scroll through. When you see a language you recognize, press “TIME” to confirm. Your choices are: EN (English), GE (German), FR (French), ES (Spanish), IT (Italian), NE (Dutch) or DA (Danish).
- Next comes the Hour, then Minutes, then Seconds. By now you know the procedure to complete the programming.

1. Set Alarm:

- Press “Alarm” for two (2) seconds
- Hour will flash → press UP or DOWN to adjust
 - Press “Alarm” to confirm → Minutes will flash
 - Press UP or DOWN to adjust
 - Press “Alarm” to confirm
- You have now set the Alarm. The alarm “bell” Icon appears (to the right of the time). This indicates the alarm is activated. To deactivate, press “Alarm” one time and the “bell” should disappear.
- To silence an alarm, press “Alarm” or “SNZ” if you need an extra 5 minutes!

2. Setting Hi /Lo Temperature Alerts:

- Select the channel you wish to program (1, 2, or 3). Press top of large silver button.
- Press and release “Alert” button (bottom of large silver button)
- High & Low icon appears to right of Out Temperature
- Press & Hold the 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 “ ∇ Δ ” visible indicating the Temperature Alert System is active.
- To De-activate press and release “Alert”. Press again to reactivate (temperature levels will remain in memory).

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

3. Min/Max Record:

1. Press Min/Max button (left side of large silver 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.
2. Press and Hold for two (2) seconds to clear temperature and humidity records

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.

Some Brief Trouble-Shooting notes:

To switch from 24 hour clock, press and hold the “up” button for 2 seconds. We suggest that you do this after noon as you will see a tiny “PM” icon on the screen.

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.

- If your TempMinder has been function for 6 months or longer, you will likely resolve the problem by replacing the batteries. Replace the batteries in the transmitter and then in the receiver.

- If the batteries are good and you still do not receive a remote signal, Press and hold the “CH” button for 2 seconds. This will institute a 3 minute search.
- Also, try removing the rear of the transmitter and pressing the “Test” button located beside the batteries.
- 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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