

# **KAR** PuroTemp™

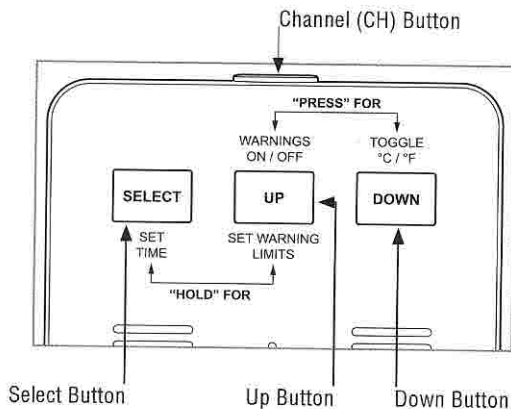
## Digital Hygrometer Wireless Remote System 837XI

### FEATURES

- Displays Humidor temperature and relative humidity
- Ability to monitor up to 3 humidors (with additional sensors)
- Customizable High / Low temperature and humidity alerts.
- Temperature display in °F or °C
- Temperature range: -13 to 140 °F or -25 to 60 °C
- Relative Humidity Range (RH): 20% to 95%
- Accuracy (RH): +/- 2%
- Accuracy (Temp): +/- 1 °C
- Four function keys: CH, SELECT, UP, DOWN
- 12 / 24 Hour Clock

### BUTTON OVERVIEW

- **"CH"** button cycles through the three different channel displays.
- **"SELECT"** button cycles through the various options when in each setting mode. When held down, the unit enters time setting mode.
- **"UP"** button toggles the humidity and temperature warnings on and off. It also cycles up through the options when in each setting mode. When held down, the unit enters warning limit setting mode.
- **"DOWN"** button toggles between the °C and °F temperature display modes. It also cycles down through the options when in each setting mode.



## OPERATING INSTRUCTIONS IN NORMAL MODE:

- Press "CH" Button to cycle through the channels one at a time. The "CH" Button cycles through the channels in this sequence: 1→2→3→1
- Press "DOWN" button to toggle between °C / °F temperature display modes.
- Press "UP" button to turn on / off the temperature and humidity alert function.
- Press "CH" button to mute a temperature / humidity alert.

## HOW TO SET THE CLOCK:

1. From channel display mode, press and hold "SELECT" for 3 seconds to enter time setting mode. The clock display will start flashing "12 Hr" or "24 Hr".

**Note: While in the time setting mode, pressing the "SELECT" button will cycle through the screens in this order: 12 / 24 Hour Clock Adjustment ► Hour Adjustment ► Minute Adjustment ► Exit Time Setting Mode**

2. Use the "UP" and "DOWN" buttons to cycle between the 12 and 24 hour clock functions. Press "SELECT" to select desired clock function and progress to hour selection.

3. Use the "UP" and "DOWN" buttons to cycle through the hours until desired hour is reached. Press "SELECT" to set hour and progress to minute selection.

4. Use the "UP" and "DOWN" buttons to cycle through the minutes until desired minutes are reached. Press "SELECT" to exit time setting mode. If there is no interaction for 30 seconds while in the time setting mode, the unit will save and exit the mode automatically.

**Note: Pressing the "UP" or "DOWN" button will cycle through the hours and minutes one unit at a time. To cycle through the options more rapidly, press and hold the "UP" or "DOWN" button.**

## HUMIDITY AND TEMPERATURE ALERTS:

The XIKAR PuroTemp™ Digital Hygrometer Wireless Remote System can alert you in the event that your humidor is reading outside of a certain temperature or relative humidity range.

The default temperature alerts are set at 65 °F (18 °C) for the low setting and 75°F (24 °C) for the high setting. The default relative humidity alerts are set at 55% for the low setting and 80% for the high setting.

To change these defaults follow the steps below. Each channel has its own alert settings. Changing batteries will reset warning levels to defaults.

## HOW TO SET THE HUMIDITY AND TEMPERATURE ALERT LEVELS:

1. Press and hold "UP" for three seconds to enter alert level setting mode.
2. Press "CH" to cycle through the three channels until desired channel is selected.
3. Press "UP" or "DOWN" to select the desired high humidity alert setting.
4. Press "SELECT" to save. This will also cycle to the next alert setting.
5. Repeat steps 2-4 to set low humidity, high temperature, and low temperature alerts.

**Note: Progression cycle for alert level setting mode is: Upper limit of humidity→ Lower limit of humidity →Upper limit of temperature →Lower limit of temperature→ Quit and save**

6. To set the humidity and temperature alert levels for another channel, press the "CH" button to select a different channel and follow the above instructions. If there is no interaction for 20 seconds while in alert level setting mode, the unit will save and exit the mode automatically.

**Note: If the alarm sounds while the levels are being set, press the “CH” button to silence the alarm.**

### **HOW TO SET THE REMOTE UNITS TO DIFFERENT CHANNELS:**

The XIKAR PuroTemp™ Digital Hygrometer Wireless Remote System works with up to three remote units to allow temperature and humidity readings on three separate humidors. The remote units all need to be set to different channels so that they do not interfere with one another.

1. Open the battery compartment on the back of the remote unit.
2. Move the slider-switch located inside the battery compartment to channel 1, 2, or 3.
3. The number that the remote unit is set on will then communicate with the corresponding channel on the base unit.

### **Wireless Communication Notes**

- After installing the batteries, the base unit will search for remote unit signals automatically for 3 minutes. During this period, the “▲” icon indicating the current channel number will blink. Once the initial communication is set up, this icon will stop blinking.
- After the units are set up to communicate with one another, they will automatically refresh every 60 seconds.
- If, for any reason, the units need to be re-synchronized, hold the “CH” button down for 3 seconds and the system will start the synchronizing process again.