

# Navigating the UltraSmart Menu

Once inside the menu of the UltraSmart controller, many options may be used with your door. The following is a guide for the UltraSmart controller.

Press and hold the **RESET** button until you see Limit Setup on the display. From here you can utilize the guidelines below to navigate through the menu options.

- **Limit Setup**
  - **Close Limit** – Sets the close limit
  - **Full Open Limit** – Sets the open limit
  - **Partial Open Limit** – Used if a separate activator will be used to open the door to a height lower than the Full Open Limit setting.
  - **Breakaway Open Limit** – The Breakaway Open Limit should be set so that the breakaway tabs are just above the Retrac Flaps.
- **Set Timers**
  - **Open Run Timer** – This timer is the backup in case the limit does not stop the door at the full open position. The door will go into a **TIMER EXPIRED** fault.
  - **Close Run Timer** – This timer is the backup in case the limit does not stop the door at the close position. The door will go into a **TIMER EXPIRED** fault.
  - **Reverse Delay Timer** – This timer will add a delay to reverse the door if reversed by an activator or safety device.
  - **Close Delay, Auto 1** – This Auto Close delay is located on the front of the controller.
  - **Close Delay, Auto 2** – This is the Auto 2 Auto Close used with Mod F (5 Input).
  - **Close Delay, Man 1** – This is the Man 1 Close Delay located on the front of the controller.
  - **Close Delay, Man 2** – This is the Man 2 Close Delay used with Mod F (5 Input).
  - **Delay to Close, Out P1**
  - **Delay to Open, Auto 1**
  - **Delay to Open, Auto 2**
  - **Door Open Alarm Timer** – This is used with Mod G to signal an alarm after the door has remained open for a set amount of time. The timer is in minutes.
  - **Air Lock Timer**
  - **Defrost Cycle On** – This sets how long the Tek heat lamps stay turned on (in minutes).
  - **Defrost Cycle Off** – This sets how long the Tek heat lamps stay turned off (in minutes).
- **View Fault History**
  - Entering this menu will show the fault history of the door, up to the last 64 faults.
  - Each fault will show the fault / out of how many total faults. The cycle count when the fault happened and the fault description.
- **System Options**
  - **Panel Open & Close Disable** – Changing the option from NO to YES will disable the Open/Close/Stop pushbuttons on the front of the control box.
  - **PB & Panel Close Set to Jog only** – Changing the option from NO to YES will make the Close button on the front of the control box jog the door only.
  - **PB & Panel Open Set to Jog only** – Changing the option from NO to YES will make the Open button on the front of the control box jog the door only.
  - **RevEdge Auto Close** – Changing the option from NO to YES will allow the door to Auto Close when the reversing edge is tripped. If the reversing edge is tripped 4 times in a row, the door will stop in the open position and read “REV EDGE WAS TRIPPED.” The AutoClose timer controls the AutoClose delay for this function.
  - **Photo Eye Auto Close** – Changing this option from NO to YES will allow the door to AutoClose when the light curtain or photo-eye is tripped and the door is not in an AutoClose or Man1 Close Delay. The AutoClose timer controls the AutoClose delay for this function.

- **Panel Open Man1 Auto Close** – Changing this option from NO to YES will allow the door to close automatically using the MAN1 delay to close timer. If this option is YES, the STOP button will not work.
- **Module Configuration**
  - **Module A Activator** – This module controls the inputs for all activators except floor loops.
  - **Module B Safety** – This module controls the light curtains and/or photo-eye inputs along with the reversing edge and breakaway switches.
  - **Module C Drive** – This module controls the Variable Frequency Drive (VFD), which controls the motor. The **Emergency Up** and **Emergency Down** buttons bypass the UltraSmart Controller to operate the door. **THESE BUTTONS WILL NOT STOP AT THE OPEN AND CLOSED LIMIT SETTINGS.**
  - **Module D Loop** – This module is an optional module used for loop detectors.
  - **Module E Dual Loop** – This module is an optional module used if separate loop detectors are required for each side of the opening.
  - **Module F 5 Input** – This is an optional module in case extra activator inputs are required.
  - **Module G 4 Output** – This is an optional module used when output signals are needed (example: door is not closed; door is closed, etc...)
  - **Module H Defrost** – This module is used with the standard freezer package and controls the heat lamps, blower and has one output terminal.
  - **Module J Airlock** – This is an optional module used with the Airlock option for the door.
  - **Module Z RF Safety** – This module controls the inputs for the bottom bar safeties when the optional RF bottom bar is used.
- **Wireless Setup**
  - **Bottom Bar ID** – Unique code to link the UltraSmart with the RF unit in the bottom bar.
  - **Est. Battery Level** – This is the current battery level reading. Once the level starts to get low, the display will read “RF Battery Low”, giving about a 30 day warning to change the RF unit.
  - **RF Signal Strength** – This is the current signal strength between the UltraSmart and the RF unit in the bottom bar. When this level gets too low, the door will stay open and the display will read “RF Comm Loss”.
  - **Stop on RF Comm Loss** – The default is “YES”. If this is switched to “NO”, the door can continue to operate with a RF Comm Loss error.
- **Factory Access** – This is a password protected menu containing factory default settings. Changing any of these settings without R-Bac assistance can result in termination of the warranty.
  - **Drive Rates** – This sets the various speeds of the door.
  - **Ramp Points** – This sets the slow down points for the open and close cycles.
  - **Factory Configuration** – Miscellaneous factory settings for the door.