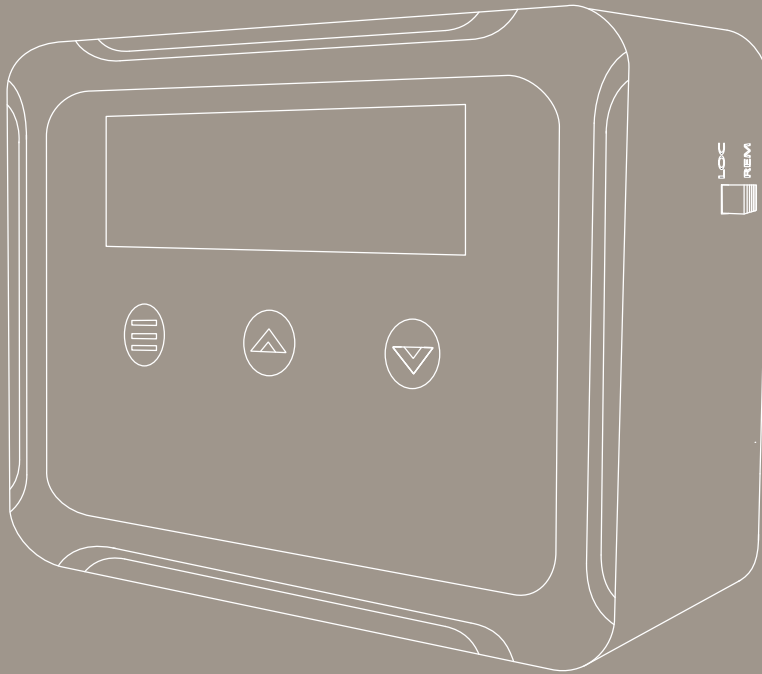


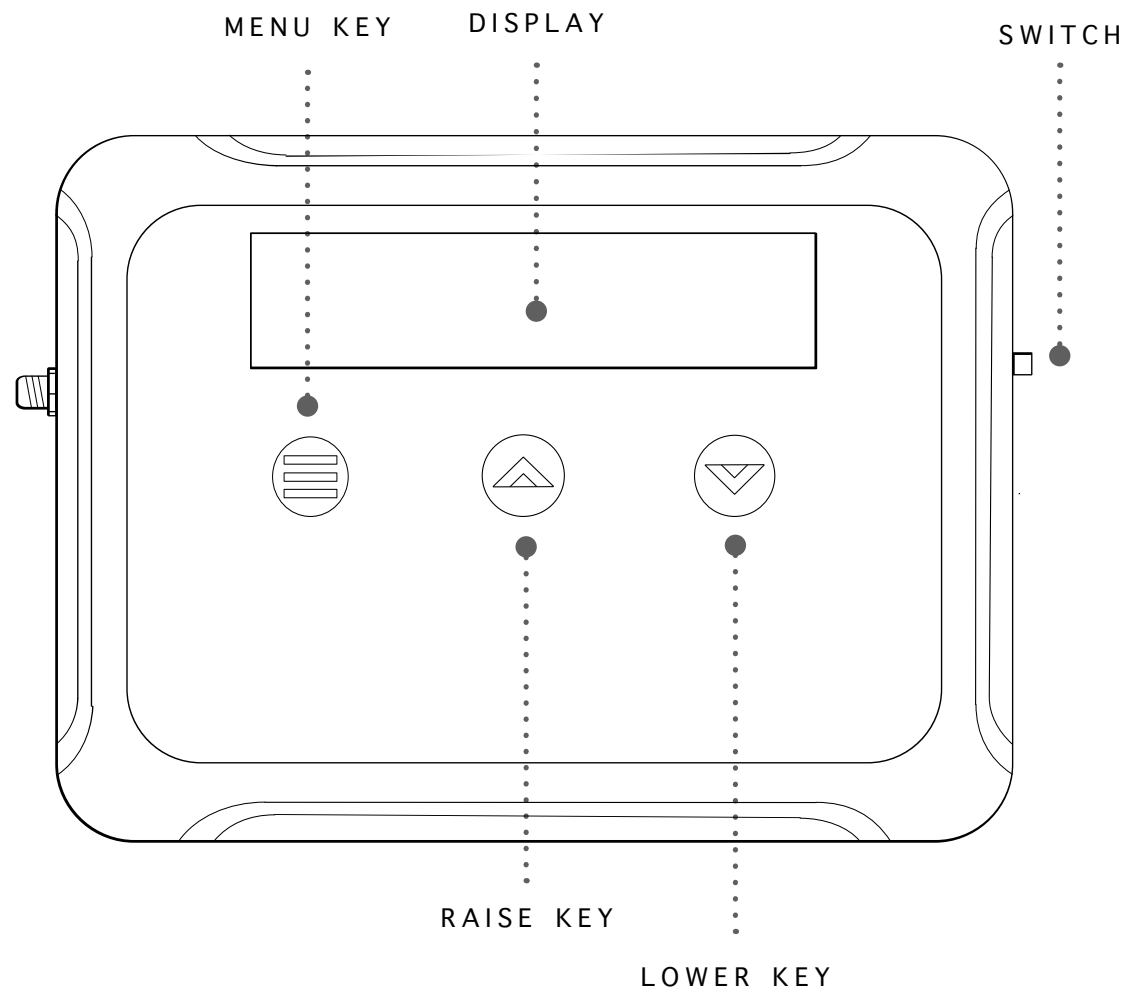


## GUITAR HABITAT

# DIGITAL CONTROLLER HANDBOOK

1. COMPONENTS
2. KEYS + SWITCHES
3. POWER ON + STABILIZATION
4. ALARM SETTINGS
5. ICON KEY
6. SETTINGS
7. HUMIDITY SETTINGS
8. MANUALLY CHANGING MODE
9. MENU OPTIONS
10. QUESTIONS

# DIGITAL DISPLAY COMPONENTS



FRONT VIEW

## KEYS + SWITCHES

**MENU KEY** - Each menu keypress will index through user settings.

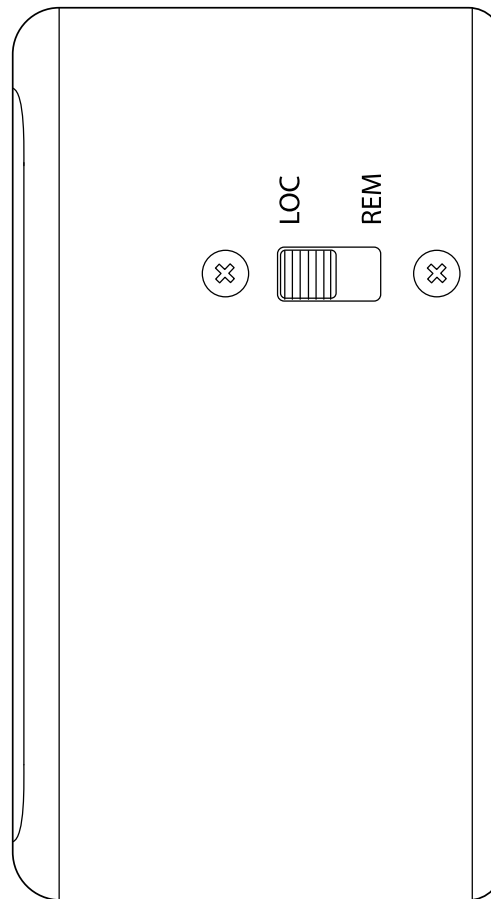
**RAISE KEY** - Adjust RH setting up.

**LOWER KEY** - Adjusts RH setting down.

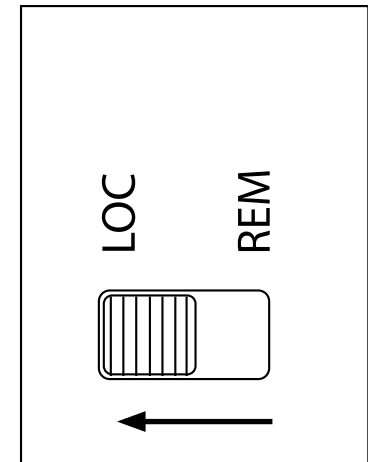
**LOC** - Controller uses onboard sensor

**REM** - Wired remote sensor, should be in the REM position.

\* For custom applications a remote sensor will be supplied.



SIDE VIEW



SENSOR SWITCH

Your sensor switch should be in the **LOC** position and should only be changed if remote sensor is supplied.

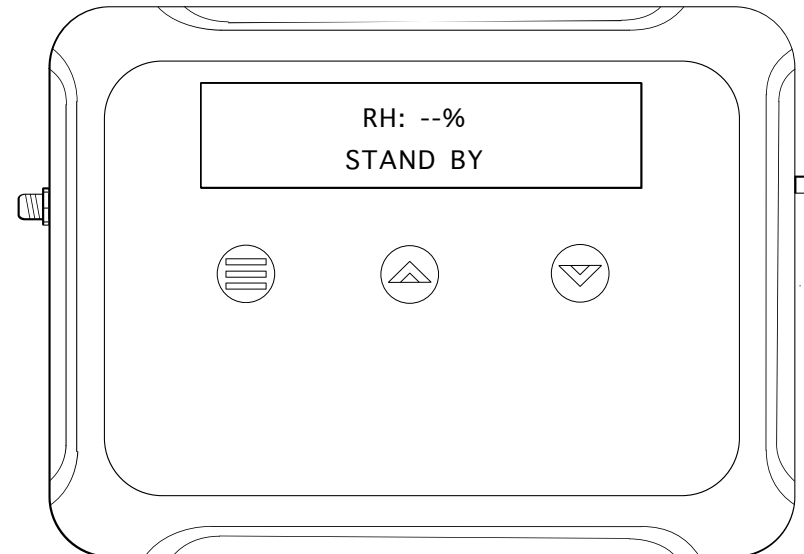
**\*Note: Disconnect power before making selection.**

## POWER-UP | STABILIZATION MODE

The digital controller requires an initial stabilization period when first powered **ON**: The controller will run a stabilization program for 10 minutes, and all outputs will be **OFF**.

During this mode, the display will read “**STANDBY**” Initially, the sensor reading will be blank. After a short period (less than 15 seconds) the sensor output will begin to increase.

The final stabilization time will depend on the ambient conditions within the cabinet.



If the ambient humidity in the cabinet is **below 47%** the controller will turn on the humidifier, the fan will turn off when 47% RH

## ALARM SETTINGS

### TURNING ON YOUR CONTROLLER FOR THE FIRST TIME

A flashing alarm will display during the initial process of turning on the controller this will also occur after significant changes to the set points.

This is normal, and alarm will automatically clear once the conditions are near the desired set point.

- **HUMIDITY-** Alarms will automatically adjust with the set point to activate 10% both above and below the current set point.

- **LOW WATER-** Low water will be indicated with “LOW WATER” message and flashing display. This alarm will automatically clear once the reservoir is replenished.

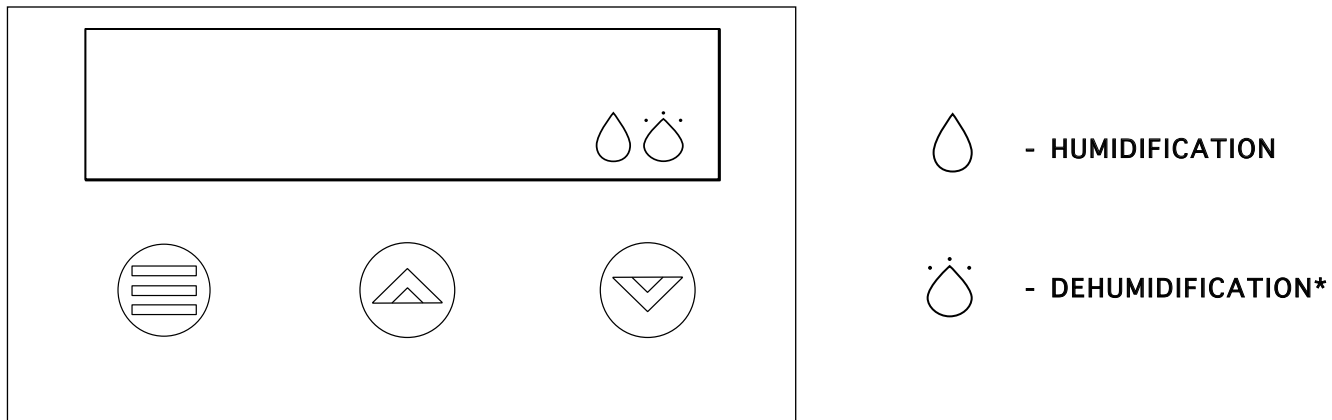


- **Recommended:** In the summer months, unless you are in a desert climate, empty the water from the humidifier reservoir to avoid over-humidifying the instruments.

\*To bypass the “Low Water” alarm, leave the reservoir unplugged until you refill it with water.

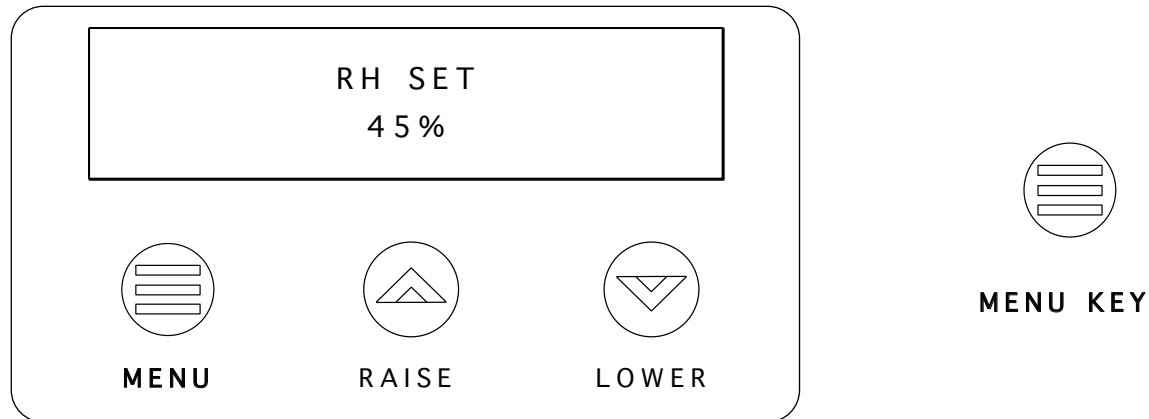
## ICON KEY

Icons will only appear on-screen when the feature is either **ON** or **ACTIVE**.



\* If you have the optional dehumidification system installed in your cabinet, the dehumidifier membrane will automatically kick on 1% above the set point.

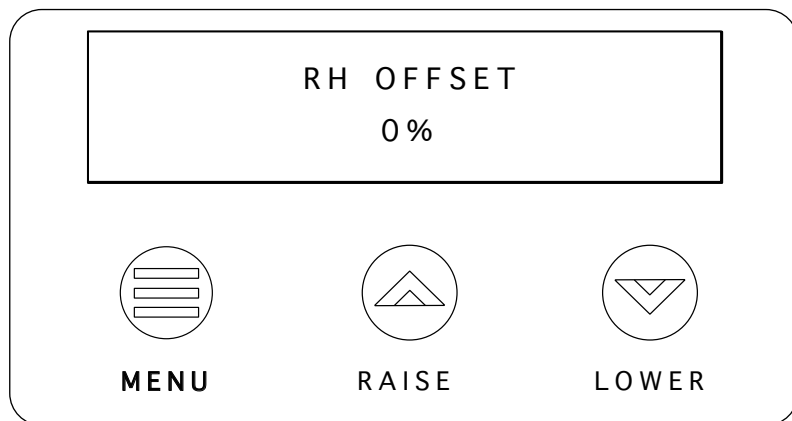
## SETTINGS



**EACH MENU KEYPRESS WILL INDEX THROUGH ENABLED  
USER SETTINGS IN THE FOLLOWING ORDER**

- If no key is pressed for 20 seconds the display will return to the home screen.
- Press and hold the key anywhere in the user menu for 3 seconds to force return to the home screen.
- Indexing after the last option will return to the home screen.

## HUMIDITY SETTINGS



### RELATIVE HUMIDITY (RH SET)

**RAISE** - Humidity set point

**LOWER** - Humidity set point

- Operates both Humidification and Dehumidification  
(Dehumidifier\* is optional equipment)

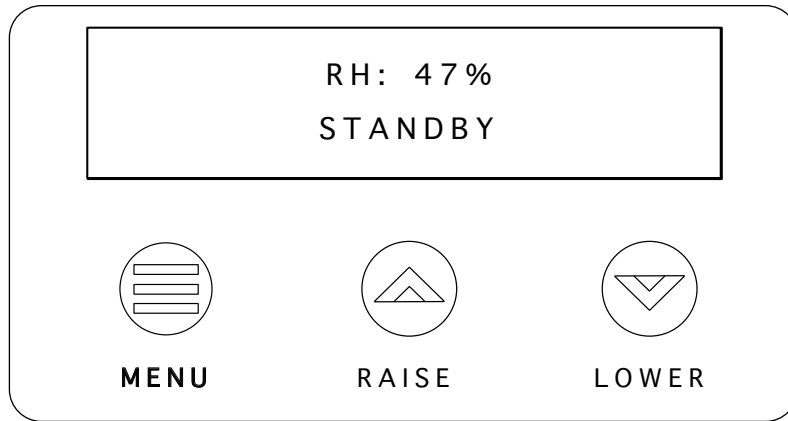
### RELATIVE HUMIDITY (RH SET) OFFSET

**RAISE** - RH Offset

**LOWER** - RH Offset



## MANUALLY CHANGING MODE



- HOLD  +  For 3 seconds to enable standby
- HOLD  +  For 3 seconds to disable standby

- When STANDBY is **enabled**, all devices will switch OFF and display will remain active.
- When STANDBY is **disabled**, the controller will resume normal operation.

## DISPLAY OPTIONS

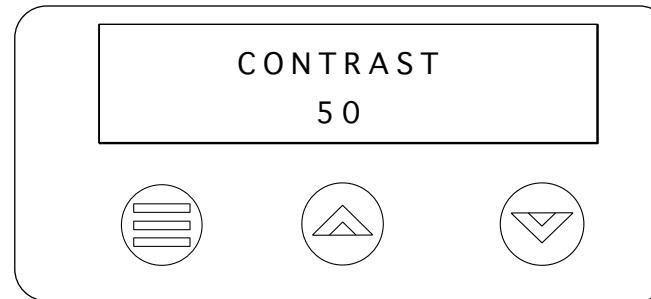
- **NONE** - Display stays on.
- **OFF** - Display turns off after 20 seconds. Wakes up with press of button.
- **DIM** - Display dims to 25% of set brightness after 20 seconds. Wakes up with press of button.



• **RAISE** - Brightness



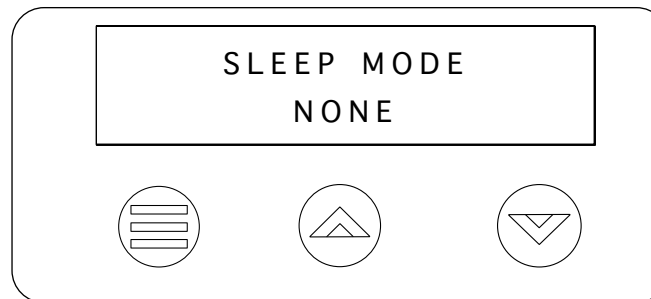
• **LOWER** - Brightness



• **RAISE** - Contrast



• **LOWER** - Contrast



• **RAISE** - Select option



• **LOWER** - Select option

## QUESTIONS :

Please contact us directly regarding any questions  
you may have while operating your digital controller,  
RH sensor. We are here to assist you!

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