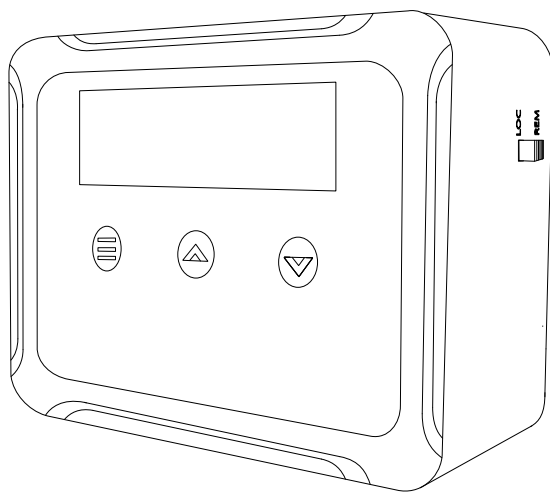


DIGITAL CONTROLLER

HANDBOOK



AMERICAN MUSIC FURNITURE

AMERICAN MUSIC FURNITURE

5806 LOWER YORK RD, LAHASKA, PA 18931

1-267-272-2460

KEEP THIS MANUAL WITH YOUR CABINET

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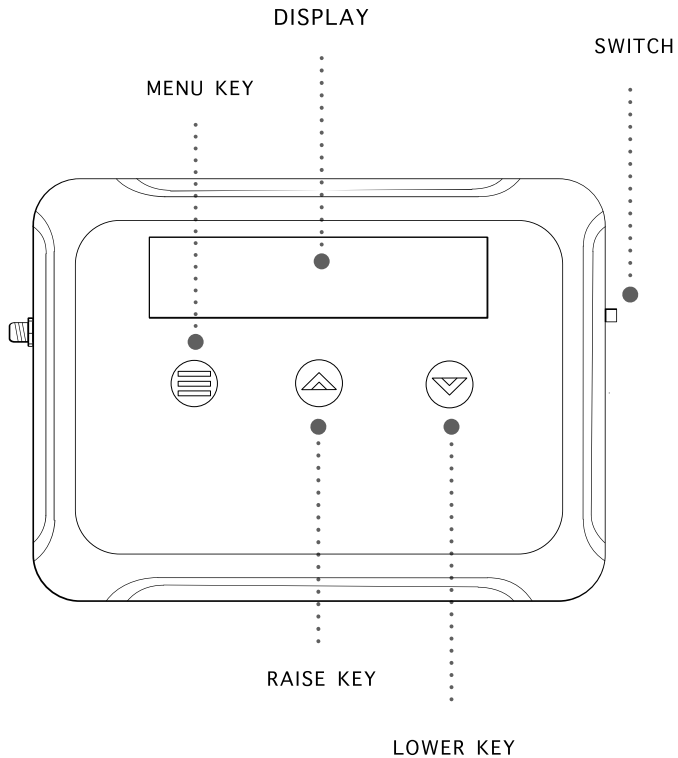
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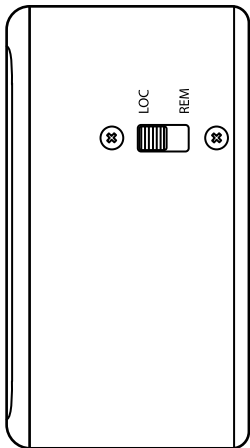
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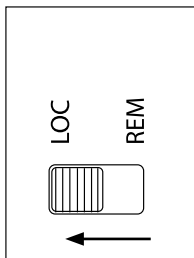
DIGITAL DISPLAY COMPONENTS



FRONT VIEW



SIDE VIEW



SENSOR SWITCH

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

NOTE: Disconnect power before making a selection.

KEYS + SWITCHES

- **MENU KEY** - Each menu key press will index through user settings.
- **RAISE KEY** - Adjusts RH setting higher
- **LOWER KEY** - Adjusts RH setting lower
- **LOC** - Controller uses onboard sensor
- **REM** - Wired remote sensor

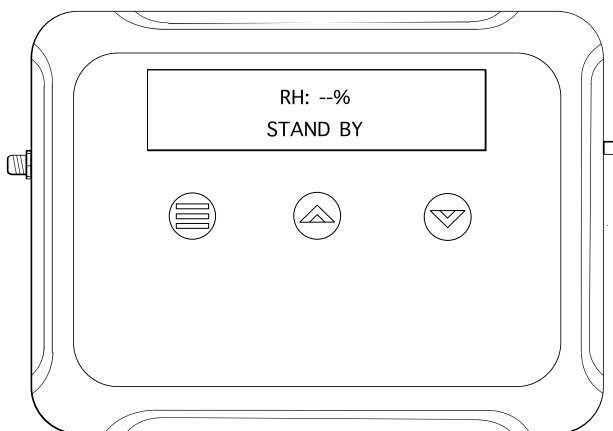
* For custom applications a remote sensor will be supplied.

POWER-UP | STABILIZATION MODE

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

During this stabilization mode, the display will read **“STANDBY”** initially, and 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 is achieved.

TURNING ON THE 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 the alarm will automatically clear once the conditions are near the desired set point.

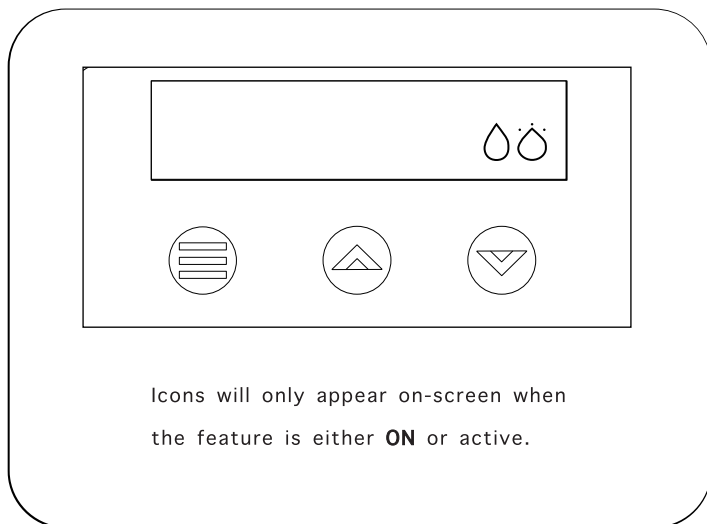
ALARMS

- **HUMIDITY** - Alarm 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 a “LOW WATER” message and flashing displayed on the screen. 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. Monitor your controller to know when RH is too low or too high.

*To bypass the “LOW WATER” alarm, leave the reservoir unplugged until you need to refill it with water.

ICON KEYS



- HUMIDIFICATION



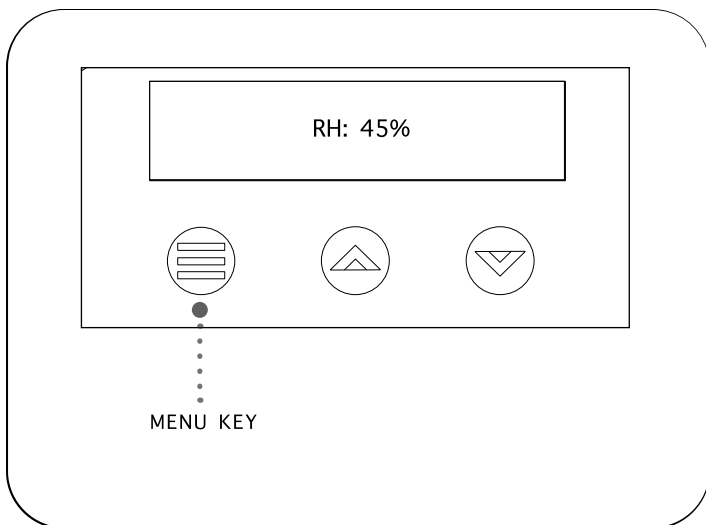
- DEHUMIDIFICATION

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

SETTINGS

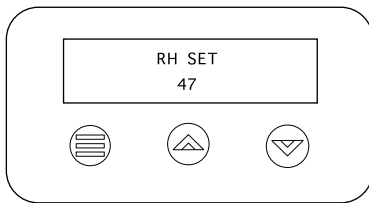
If no key is pressed for 20 seconds, the display will return to the **home screen**.

- Press and hold the menu key for 3 seconds to force return to the home screen.
- Indexing after the last option will also return to the home screen.



OPTIONS

Each menu key press will index through enabled user settings in the following order:



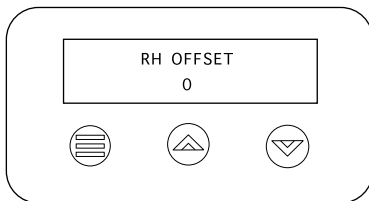
- RAISE - RH set point



- LOWER - RH set point

- Operates both **humidification and dehumidification**

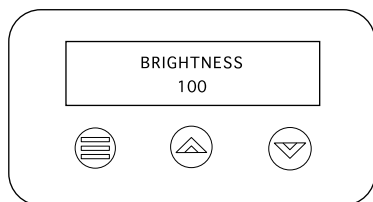
(The dehumidifier is optional equipment - not standard with every cabinet)



- RAISE - RH offset



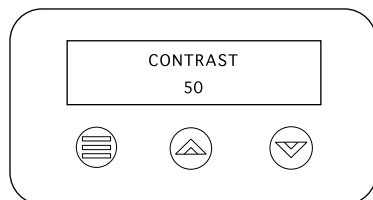
- LOWER - RH offset



• RAISE - Brightness



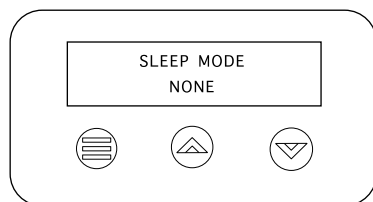
• LOWER - Brightness



• RAISE - Contrast



• LOWER - Brightness



• RAISE - Select Option



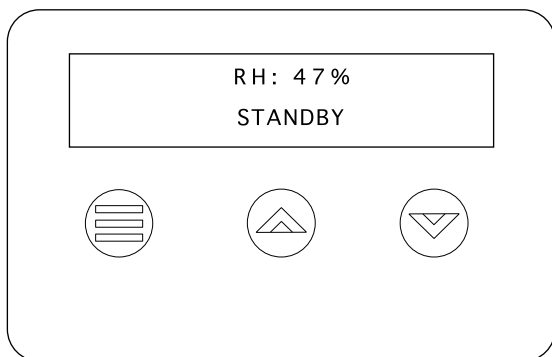
• LOWER - Select Option



• **NONE** - Display stays on.



• **OFF** - Display turns off after 20 seconds. Wakes up with the press of any button.

• **DIM** - Display dims to 25% of the set brightness after 20 seconds. Wakes up with the press of any button.

MANUALLY CHANGING MODE



HOLD  +  For 3 seconds to enable standby mode

HOLD  +  For 3 seconds to disable standby

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

QUESTIONS

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

Contact : info@americanmusicfurniture.com

Phone : 1-267-272-2460

Website : americanmusicfurniture.com

