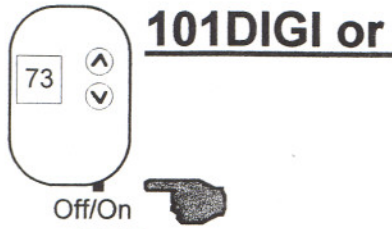
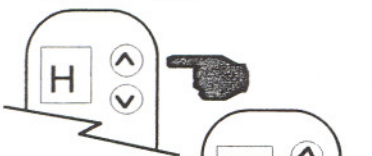
101DIGI or 101DIGITS THERMOSTAT INSTALLATION



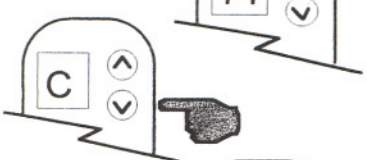
Each digital thermostat has an on/off switch located at the bottom. Typically, this thermostat should always be in the on position. When the room is unoccupied, use this switch to take the zone out ot your system by sliding it to the left to turn it off. When the room is occupied slide the switch to the right to turn it on. Assign the Heating and Cooling Set Points desired by using the instructions below:

1. Determine the existing Set points:

A. To determine the existing Heat Set Point, press and hold the top button marked ^ until the letter "H" appears and then release. The current heat set point will be displayed following the letter "H" (If the button is held down too long the Heat Set Point will begin to increase). Approximately two seconds after the button is released the current room temperature will be redisplayed.

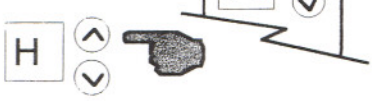


B. To determine the existing Cool Set Point press and hold the lower button marked v until the letter "C" appears and then release. The current Cool Set Point will be displayed following the letter "C" (If the button is held down too long the Cool Set Point will begin to decrease). Approximately two seconds after the button is released the current room temperature will be redisplayed.



2. Modifying the Set Points:

A. To change the Heat Set Point, press and hold the top button ^ until the Heat Set Point is displayed. Continue to press this button (the up button ^) to increase the Heat Set Point or press and hold the bottom button v to reduce the Heat Set Point to your desired comfort level in this room.

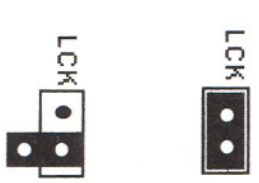


B. To change the Cool Set Point, press and hold the lower button v until the Cool Set Point is displayed. Continue to hold this button to lower the Cooling Set Point or press the top button ^ to raise the Cool Set Point to your desired comfort level in this room.

3. Locking the Set points:

To avoid unauthorized set point modifications, the 101DIGI has locking set point capability. After the heat and cool set points have been selected, use the jumper located under the cover near the middle of the board labeled LCK to lock the set points. Slide the jumper over both terminals as shown in the diagram to the left. This will lock the set points in place. To modify the set points, the jumper must be to moved to the adjustable position.

Set up all of the zone thermostats in this way to provide room by room comfort control.



Set points adjustable

Set point locked-out

Zonex SYSTEMS

800 228 2966 *comfort you control*

101DIGI or 101DIGITS THERMOSTAT INSTALLATION

Description: The 101DIGI and the 101DIGITS auto changeover zone thermostats are specifically designed for use with the California Economizer System 2000 and System 1000 zone control systems.

101DIGI: is a single stage gas electric stat.

101DIGITS: is a single stage cool, two stage heat thermostat.

Each DIGI has a bright and easy to read digital display and is simple to operate. Two push buttons select the desired setpoint(s). The heat and cool setpoints can be set to the same or different temperatures. See opposite page on how to operate. Cooling will be initiated 2 degrees above the cooling setpoint and, after running a minimum of 2 minutes, will be off at the cooling setpoint. Heating will be initiated 2 degrees below the heating setpoint and, after running a minimum of 2 minutes, will be off at the heating setpoint.* The heating setpoint can never be higher than the cooling setpoint and vice versa. If the setpoints are crossed while adjusting, both setpoints will be equal.

There are two mode status lights. One red and one green. The red light is on when the thermostat is making a heat call. The green light is on when the thermostat is making a cool call.

To Calibrate: The 101DIGI thermostat is factory calibrated. If calibration is required, with the thermostat cover on, place the sensor probe of an accurate digital thermometer next to the blue thermistor in the lower left corner of the thermostat. Note how much the thermostat is off. Remove cover. Using a very small screwdriver, turn the potentiometer, labled R-11, next to the thermistor until the display changes the amount noted. **Note**: Keep hand away from sensor to prevent false temperature reading. Do not take temperature reading with cover off.

Features:

Large, bright LED display
Auto Changeover
Small attractive design
Simple, single potentiometer calibration
Heat/Cool calling indicator lights
Environmentally safe, mercury free
1 degree Fahrenheit accuracy
Dual setpoint capability
Simple two push button operation

Mounting Instructions:

Mount directly to the wall or onto a vertical mounted 4 x 2 electrical outlet box.

Compatibility: The 101DIGI is a single stage gas/electric thermostat that works with any of the California Economizer System 2000 Controllers and the System 1000 single stage gas/electric (SYGE).

The 101DIGITS is a single stage cool, two stage heat gas/electric stat for use with System 1000/2000 with auxiliary or supplemental heat.

Specifications:

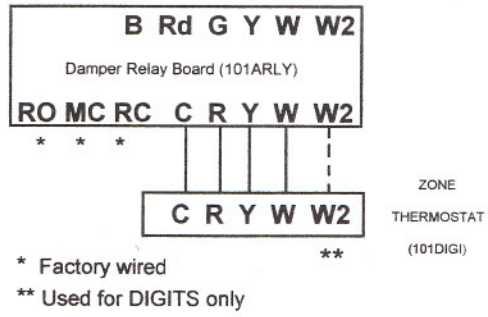
Control Range:	54 degs. to 86 degs. F
Min. Heat/Cool Diff:	4 degs.
Accuracy:	1 deg. F at 75 degs. F
Min. Dead Band:	2 degs. between heat and cool
Dimensions:	4 1/2"H x 2 7/8" W x 1"D

Part Number 101DIGI
Terminations: R C W Y

Part Number 101DIGITS
Terminations: R C Y W W2

Wiring Instructions:

Wire to the California Economizer System 2000/1000 zone control system as shown below.



* Factory wired
** Used for DIGITS only

Note about the 101DIGITS:

* The 101DIGITS turns on second stage heat 3 degrees below the heat setpoint.

The default heat setpoint is 70 degrees. The default cool setpoint is 75 degrees.