ZoneLogic®

Radio Frequency Remote Control Thermostat

INSTALLATION INSTRUCTIONS

Wireless Radio-Frequency
Remote Control Thermostat
Heat and/or Cool Control

HVAC Central Air System or Heat Pump System

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Compatibility

ZoneLogic wireless R/F remote control thermostat is compatible with the following Heating/Cooling system:

- Gas (Standing Pilot)
- Electronic Ignition
- Gas Fired Boilers
- Oil-Fired Boilers
- Oil-Fired Furnace
- Electric Air Conditioning
- Single Stage Heat Pump System

ZoneLogic wireless R/F remote control thermostat is NOT compatible with the following system:

- Millivolt Gas Heater System
- 120/240 Line Volt System
- Multi-Stage Heat Pump System

Install The Thermostat

1. Remove the old thermostat
Unscrew all holding screws from the existing thermostat to the base plate. Carefully rotate the thermostat until the wiring in the back is visible.
Loosen the colored-wires from the back. Remove one wire at a time and then label the wire immediately, using a small piece of masking tape based on the terminal label on the base plate (i.e. R, Rc, G, Y, W etc.).
You may need to stretch out the wires from the wall to have sufficient wire length to work with.
SAFETY PRECAUTION: Don't use your fingers to touch the bare copper wires at any time because you may get an unpleasant electrical shock even at a low 24 VAC. Put a piece of black electrical tape to cover each bear copper wire to prevent any potential shorting from accidentally touching two wires.
Remove the old base plate from the wall.

2. Disengage the Base Plate from the Receiver Unit
The Base Plate has 4 tabs surround. See Fig.1

Press to disengage the bottom 2 tabs from the Receiver unit. After the bottom 2 tabs were disengage from the slots, pulling the Base Plate up and away from the Receiver Unit. See Fig.2.

Fig.2 Pulling the Base Plate up and away from the Receiver Unit

Fig.1 Base Plate

2. Mount the Base Plate
_Before mounting the base plate, direct wires from wall opening through the Wiring Entrance Holes. See Fig.1

_Mount the Base Plate to the wall. Use a screwdriver to tighten the mounting screws provided in the package through the Mounting Holes to the wall. See Fig.1

3. Wire the terminal
_Refer to the wiring labels which placed on the wires, match the letters for each of the corresponding terminal. Connect the wires to the back of the ZoneLogic Receiver Unit. Connect one wire at a time based on the label on the Receiver Unit. For example, R wire is connected to the R terminal, Y wire to the Y terminal, etc. When connecting the wires to the terminal you need to remove the black electrical tapes from the wires and put the wires under the screw washers. Then tighten the screws. See Fig.1

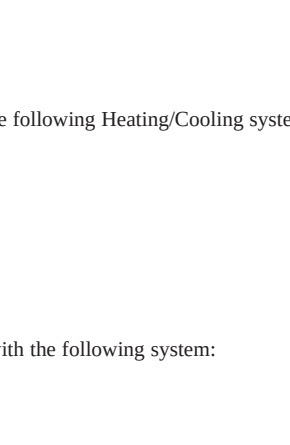


Fig.2

4. Mount the Thermostat Receiver Unit to the Base Plate
_Before mounting the Receiver Unit, check the DIP switch (See Fig.3) on the back of the Receiver Unit if the setting is identical to the one above the Battery Chamber of the back of the Thermostat Transmitter Unit. If the setting of the DIP Switches is not identical, ZoneLogic will not work. See Fig.4

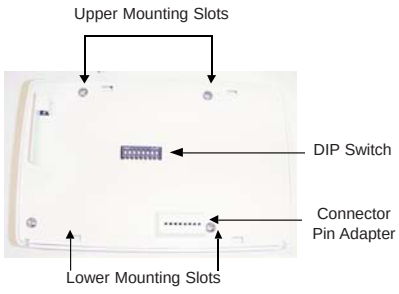


Fig.3 Dip Switch on Receiver Unit

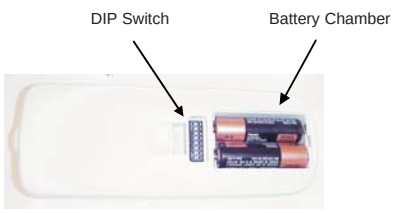


Fig.4 Dip Switch on Transmitter

NOTE: The implementation of DIP Switch is to avoid interference with your neighbors when two or more ZoneLogic units are used in the same neighborhood. During assembling, the DIP Switches in each ZoneLogic were set to the same setting.
Please make one last check if the setting is correct before mounting the Receiver Unit. Should you experience any interference when using your ZoneLogic, just change the DIP Switches setting to another set of On/Off combination, ZoneLogic will function normally again.

_Mount the Thermostat Receiver Unit to the Base Plate by first hanging the upper 2 Mounting Slots of the Receiver Unit (See Fig.3) onto the Base Plate upper 2 Tabs. See Fig.5

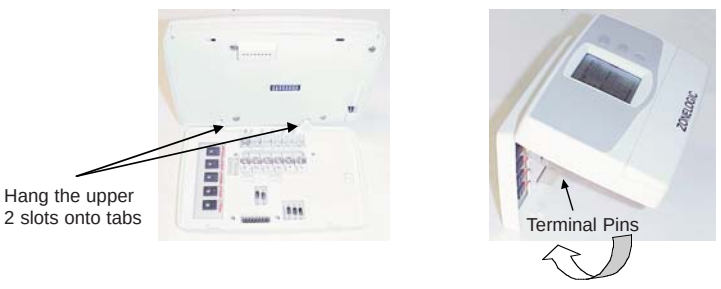


Fig.5 Hang the upper 2 Slots onto the Tabs

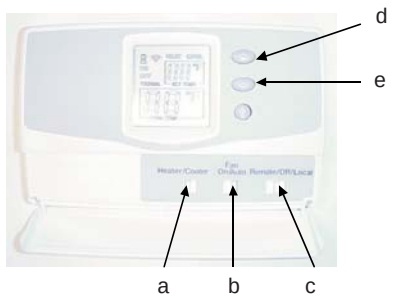
_Take engaged upper Slots and Tabs as the center of a pivotal movement, slide down the Receiver Unit. See Fig.6

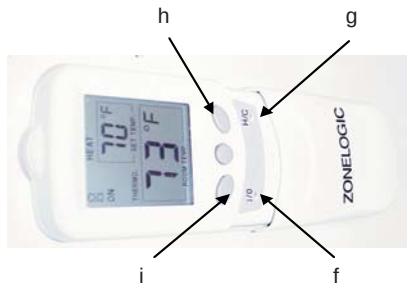
Fig.6 Slide down the Receiver Unit before engage the lower 2 tabs
_Before engaging the lower 2 Slots of the Receiver Unit onto the lower 2 Tabs of the Base Plate, make sure the Terminal Pins Adapter (See Fig.3) is in position in accepting the Terminal Pins of the Base Plate. See Fig.6
_Press the lower 2 Slots onto the lower 2 Tabs. Mounting ZoneLogic Receiver Unit is now complete.

5. Install 2XAA alkaline battery inside the thermostat Transmitter Unit.

6. Installation of ZoneLogic is now complete and ready for programming.

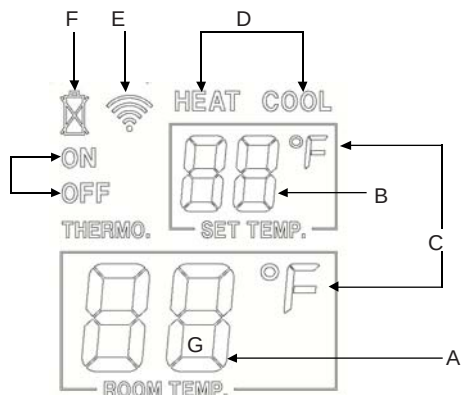
Panel Indication





a. System Switch On Receiver Unit
b. Fan Switch
c. Using Condition/Power Switch
d. Pre-Set Temperature Adjusting Button (UP) On Receiver Unit
e. Pre-Set Temperature Adjusting Button (DOWN) On Receiver Unit
f. Power Switch on Transmitter Unit
g. System Switch On Transmitter Unit
h. Pre-Set Temperature Adjusting Button (UP) On Transmitter Unit
i. Pre-Set Temperature Adjusting Button (DOWN) On Transmitter Unit

LCD Display Indication



A. Local Temperature. An indication of the local temperature whether it is sensed by the Receiver or Transmitter Unit
B. Pre-set Temperature. An indication of an adjustable temperature which users wish to have and cooling/heating system to control at
C. Temperature Degree Scale in Fahrenheit or Celsius. By pressing the d & e push buttons on the Receiver Unit at the same time, or pressing the h & i buttons on the Transmitter Unit at the same time, will be able to change the indication of "F" to "C", or vise versa.
D. Heating or Cooling System Selection Indication
E. Radio Frequency Remote Control in Use Indication
F. Low Battery Warning Indication on the Transmitter Unit
G. Power On or Off Indication

Operating The Thermostat

Suggested adjustments before running your cooling/heating system:

• For remote control in WINTER:
1. Set switch "a" to the left (Heater);
2. Set switch "c" to the left (Remote control);
3. Set switch "b" to the right (Fan on/off automatically);
4. Turn on switch "f";
5. Set switch "g" to the left (Heater);
6. Press buttons "h" & "i" to preset desired temperature;
The system is now sensing and controlling the heating system.

• For remote control in SUMMER:
1. Set switch "a" to the right (Cooler);
2. Set switch "c" to the left (Remote control);
3. Set switch "b" to the right (Fan on/off automatically);
4. Turn on switch "f";
5. Set switch "g" to the right (Cooler);
6. Press buttons "h" & "i" to preset desired temperature;
The system is now sensing and controlling the air-conditioning system.

• For local control in WINTER:
1. Set switch "a" to the left (Heater);
2. Set switch "b" to the right (Fan on/off automatically);
3. Set switch "c" to the right (Local);
4. Press buttons "d" & "e" to preset desired temperature;
The system is now sensing and controlling the heating system.

• For local control in SUMMER:
1. Set switch "a" to the right (Cooler);
2. Set switch "b" to the right (Fan on/off automatically);
3. Set switch "c" to the right (Local);
4. Press buttons "d" & "e" to preset desired temperature;
The system is now sensing and controlling the air-conditioning system.

FEDERAL COMMUNICATIONS COMMISSION
INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help.

CAUTION:

To assure continued FCC compliance:
Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to he following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.