

Made in America

# Infrared Remote Control Operation Instructions



Figure 1. 62260 Infrared Remote Control

The 62260(ZVI-IR) is designed to be used to control the 62290/62250(ZVI8200/ZVI7200) Overhead Ionizers remotely. (Note: for the 62250(ZVI7200), substitute "62250(ZVI7200)" for "62290(ZVI8200)" and disregard any instructions relating to fan 3.)

1. Remove the remote control from the carton and inspect for shipping damage.
2. 2 AA batteries

## Specifications

- Carrier Frequency  
38kHz
- Operating Distance  
0 to 10ft minimum
- Dimensions  
.94" D x 2.75" W x 4.94" L
- Weight  
.328 lbs

## Features

- 2 AA batteries power input
- Auto power off after 1 minute of inactivity
- 8X2 LCD display

## Setup and Operation

The control buttons along with the LCD display are located on the front of the unit. The control buttons are numbered left to right as shown in Figure 1. Button #1 (◀) corresponds to "Go Back / Power On", button #2 (▼) corresponds to "Decrease", button #3 (▲) corresponds to "Increase" and button #4 (▶) corresponds to "Go Forward / ID Reset".

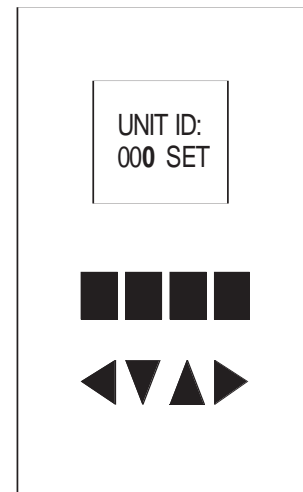
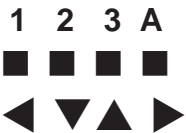


Figure 2

To turn the 62260(ZVI-IR) on, press the ◀ button. When the 62260(ZVI-IR) is first powered on, it will display address "000" with the blinking cursor on the digit furthest to the right. The three-digit address that appears on the LED display of the 62290(ZVI8200) must be entered into the remote control. To enter the address of the 62290(ZVI8200) to be controlled, use the ▲ and ▼ buttons on the remote to scroll each digit and the ◀ button to move the cursor to the next digit. Once the address on the remote is set, for example 123, press the ▶ button until the cursor is no longer present and the word "SET" disappears. The LCD display will remain in this state during the entire setup of the 62290(ZVI8200).

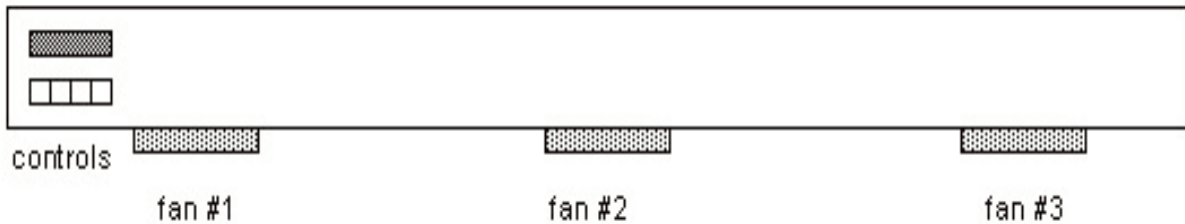
62290(ZVI8200)  
LED Display



Press ◀ and ▶ buttons simultaneously on the remote to go into the ionizer setup mode. When the buttons are released, the 62290(ZVI8200) should beep once and "Prog" should appear momentarily on the LED display. The display will then show the fan speed setting.



Press ▼ or ▲ buttons on the remote to adjust the fan speed from "SPd 1" (lowest), to "SPd 9" (highest), for operator comfort and satisfactory decay time. Press the ▶ button to go to the next menu. The next menu is for the balance adjustment of fan 1.



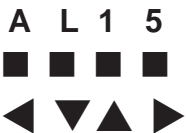
Place the charge plate monitor under the left fan (fan 1). Press and hold the ▼ button, (more negative), or the ▲ button, (more positive), on the remote to adjust the balance under fan 1 to zero. For finer adjustment, use single clicks of the buttons. Press the ▶ button to go to the next menu. Press the ◀ button to go to the previous menu.



Place charge plate monitor under the middle fan (fan 2). Press ▼ or ▲ buttons on the remote to adjust the balance under fan 2 to zero as previously. Press the ▶ button to go to the next menu. Press the ◀ button to go to previous menu.



Place charge plate monitor under the right fan (fan 3). Press ▼ or ▲ buttons on the remote to adjust the balance under fan 3 to zero as previously. Re-check each fan and repeat BAL1, BAL2 and BAL3 adjustments as necessary to eliminate the effect of airflow interference between the fans. Press the ▶ button to go to the next menu.



Press ▼ or ▲ buttons on the remote to adjust the balance alarm setting for all fans. The balance alarm sensitivity can be set at 5, 10, 15, 20, 25, or no alarm "Al no". Press the ▶ button to save adjustments and exit setup.



To save and exit at any time during the setup mode press ◀ and ▶ buttons simultaneously on the remote. The 62290(ZVI8200) will save all settings and return to normal operation. The 62290(ZVI8200) will display "SAVE" and the status of the buttons either "On b" for "on buttons" or "OFF b" for "off buttons", then the unit address.



(Note: "OFF b" is a feature that can only be activated by the 62260(ZVI-IR) remote control and button status is explained later.)

62260(ZVI-IR)  
UNIT ID:  
123 SET

To reset the remote control address ID, press and hold the ► button until the cursor is present over the third address digit. Repeat setup mode procedure for multiple 62290(ZVI8200) units. (Note: the remote can only program one unit at a time.)

The 62260(ZVI-IR) will turn itself off automatically after 1 minute of inactivity (no buttons pressed). If the remote turns itself off while the 62290(ZVI8200) is in the program mode, the 62260(ZVI-IR) must be turned back on and the address re-entered to continue with programming.

To enable/disable the buttons on the 62290(ZVI8200) or to put the unit into standby mode, use the following procedure. (Note: the 62290(ZVI8200) must be in normal operating mode, not the setup mode for these commands.)

62260(ZVI-IR)  
UNIT ID:  
123 SET

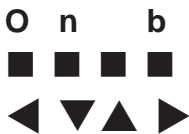
On the remote control, select the address of the 62290(ZVI8200) unit to be controlled.

BUTTONS  
123  
display

With the cursor on the first digit, press the ◀ button on the remote to go to the enable/disable Buttons Screen. Pressing ▼ and ▲ buttons simultaneously on the remote will disable the buttons on the 62290(ZVI8200). The will "SAVE" followed by "OFF b" for "off buttons".

62290(ZVI8200)

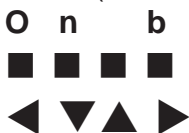
This means that the buttons on the 62290(ZVI8200) will not be able to be used. If the user attempts to go into the ionizer setup mode by pressing ◀ and ► buttons simultaneously on the 62290(ZVI8200), the unit will display "OFF b". Pressing ▲ and ▼ buttons simultaneously again on the remote, will enable the buttons. The 62290(ZVI8200) will display "SAVE" followed by "On b" for "on buttons".



62260(ZVI-IR)  
STANDBY  
123

Press the ◀ button on the remote to go to the standby screen. Pressing ▼ and ▲ buttons simultaneously on the remote will put the 62290(ZVI8200) into standby mode. The 62290(ZVI8200) will display "Stby" momentarily, then display it's address followed by an "S" for "standby", "123S". The unit will be powered down thereby shutting off the fans and ionizing circuitry. Pressing ▼ and ▲ simultaneously on the remote once more will restart the unit.

62290(ZVI8200)



## **TECHNICAL SUPPORT:**

ESD Systems  
432 Northboro Road Central  
Marlboro, MA 01752  
Tel: (508) 485-7390  
Fax: (508) 480-0257

**NOTE:** Unauthorized servicing or modifications to your monitor will void the product warranty and may create dangerous conditions. Servicing should be performed only at the factory, or by a Semtronics approved technician.

## **LIMITED WARRANTY**

Semtronics expressly warrants that for a period of one (1) year from the date of purchase, Semtronics 62260(ZVI-IR) will be free of defects in material (parts) and workmanship (labor). Within the warranty period, a unit will be tested, repaired, or replaced at our option, free of charge. Call Customer Service at 909-627-8178 (Chino, CA) or 781-821-8370 (Canton, MA) for Return Material Authorization (RMA) and proper shipping instructions and address. Include a copy of your original packing slip, invoice, or other proof of date of purchase. Any unit under warranty should be shipped prepaid to the Semtronics factory. Warranty replacements will take approximately two weeks. If your unit is out of warranty, Semtronics will quote repair charges necessary to bring your unit up to factory standards. Call Customer Service at 909-627-8178 for proper shipping instructions and address. Ship your unit freight prepaid.

## **WARRANTY EXCLUSIONS**

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