



# Infrared Remote Control Installation, Operation, and Maintenance



Figure 1. Infrared Remote Control

## Description

The [50669](#) is designed to be used to control the [50665](#) / [50664](#) Overhead Ionizers remotely. (**Note:** for the 50664, substitute “[50664](#)” for “[50665](#)” 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

## 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 2. 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”.

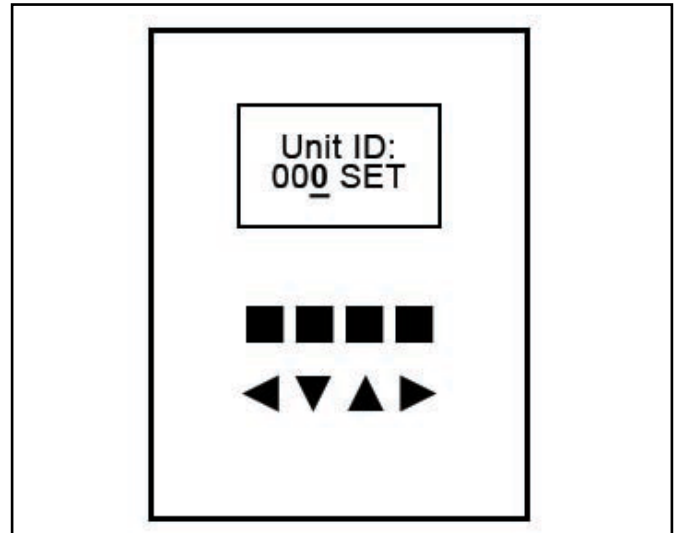


Figure 2

To turn the [50669](#) on, press the ◀ button. When the [50669](#) 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 [50665](#) must be entered into the remote control. To enter the address of the [50665](#) 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 [50665](#).

## 50665

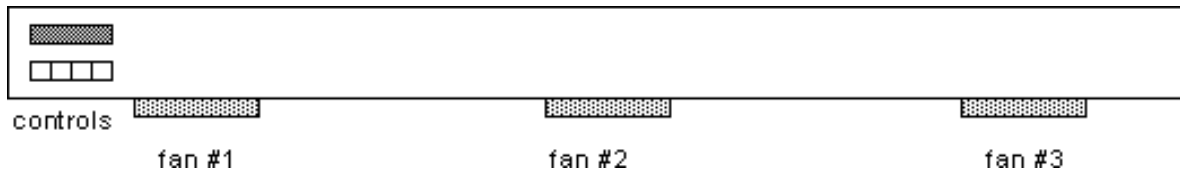
### LED Display

**1 2 3 A**  
■ ■ ■ ■  
◀ ▼ ▲ ▶

Press ◀ and ▶ buttons simultaneously **on the remote** to go into the ionizer setup mode. When the buttons are released, the [50665](#) should beep once and “**Prog**” should appear momentarily on the LED display. The display will then show the fan speed setting.

**S P d 5**  
■ ■ ■ ■  
◀ ▼ ▲ ▶

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.



**B A L 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.

**B A L 2**  
■ ■ ■ ■  
◀ ▼ ▲ ▶

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.

**B A L 3**  
■ ■ ■ ■  
◀ ▼ ▲ ▶

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.

**A L 1 5**  
■ ■ ■ ■  
◀ ▼ ▲ ▶

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.

**S A V E**  
■ ■ ■ ■  
◀ ▼ ▲ ▶

To save and exit at any time during the setup mode press ◀ and ▶ buttons simultaneously on the remote. The [50665](#) will save all settings and ◀ ▼ ▲ ▶ return to normal operation. The [50665](#) 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.

O n b

■ ■ ■ ■

◀ ▼ ▲ ▶

(Note: “OFF b” is a feature that can only be activated by the [50669](#) remote control and button status is explained later.)

[50669](#)

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 [50665](#) units. (Note: the remote can only program one unit at a time.)

The [50669](#) will turn itself off automatically after 1 minute of inactivity (no buttons pressed). If the remote turns itself off while the [50665](#) is in the program mode, the [50669](#) must be turned back on and the address re-entered to continue with programming.

To enable / disable the buttons on the [50665](#) or to put the unit into standby mode, use the following procedure. (Note: the [50665](#) must be in normal operating mode, not the setup mode for these commands.)

[50669](#)

UNIT ID:  
123 SET

On the remote control, select the address of the [50665](#) unit to be controlled.

BUTTONS  
[123](#)

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 [50665](#). The [50665](#) will display “SAVE” followed by “OFF b” for “off buttons”.

[50665](#)

O F F b

■ ■ ■ ■

◀ ▼ ▲ ▶

This means that the buttons on the [50665](#) 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 [50665](#), the unit will display “OFF b”. Pressing ▼ and ▲ buttons simultaneously again on the remote, will enable the buttons. The [50665](#) will display “SAVE” followed by “On b” for “on buttons”.

[50669](#)

STANDBY  
[123](#)

Press the ◀ button on the remote to go to the standby screen. Pressing ▼ and ▲ buttons simultaneously on the remote will put the [50665](#) into standby mode. The [50665](#) will display “Stby” momentarily, then display its 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.

[50665](#)

1 2 3 S

■ ■ ■ ■

◀ ▼ ▲ ▶

## 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**

**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 EMIT

### Limited Warranty

EMIT expressly warrants that for a period of five (5) years from the date of purchase an EMIT Infrared Remote Control will be free of defects in material (parts) and workmanship (labor). Within the warranty period, a credit for purchase of a replacement EMIT Infrared Remote Control, or, at EMIT's option, the Infrared Remote Control will be repaired or replaced free of charge. If product credit is issued, the amount will be calculated by multiplying the unused portion of the expected five year life times the original unit purchase price. Call our Customer Service Department at 909-664-9980 (Chino, CA) for a Return Material Authorization (RMA) and proper shipping instructions and address. Please 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 EMIT factory. Warranty replacements will take approximately two weeks.

If your unit is out of warranty, call our Customer Service Department at 909-664-9980 (Chino, CA) for a Return Material Authorization (RMA) and proper shipping instructions and address. EMIT will quote repair charges necessary to bring your unit up to factory standards.

### Warranty Exclusions

THE FOREGOING EXPRESS WARRANTY IS MADE IN LIEU OF ALL OTHER PRODUCT WARRANTIES, EXPRESSED AND IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH ARE SPECIFICALLY DISCLAIMED. The express warranty will not apply to defects or damage due to accidents, neglect, misuse, alterations, operator error, or failure to properly maintain, clean or repair products.

### Limit of Liability

In no event will EMIT or any seller be responsible or liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, users shall determine the suitability of the product for their intended use, and users assume all risk and liability whatsoever in connection therewith.