CureUV

Ceiling Mount:
Manual

SKU: 201118

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Unit Main Components

User interface:

1 x 1 button

1 x 6 buttons 433MHz Remote control

1 x 4 digits 7 segments LED display

1 x Main power button.

1 x UVC lamp assembly

1 x 12V Fan

How to Operate

To begin operation, plug the unit into an 110V AC power outlet and switch the main power button to ON. The unit will perform a brief system test by illuminating all LED lights on the seven-segment display for about 1 second. Additionally, during this time the unit's beeper will play a low-pitched sound.

Figure 1: Remote Control

Figure 2: Unit in Stand-By

Unit begins operation in Standby Mode, the LED display will show "OFF" (Figure 2).

To operate the unit, select the desired run time by pressing one of the options on the Remote Control (Figure 1). The unit comes with options for a continuous cycle, or for 5 available timer options—15min, 30min, 45min, and 60min.

The unit will start when you select one of the timed options, or by selecting the HOLD option (further explanation below.) Before the unit activates the UVC lamp, however, a 15 second countdown is initiated allowing the user to leave the room or area. During this countdown, the selected time period will flash ON and OFF of the LED display and the beeper will sound.

During the unit's timed operation, the LED display will show the countdown (Figure 3).

Figure 3: Selected time

To interrupt the unit before the time expires, simply press the "OFF" button on the remote control, or on the unit.

This unit is equipped with a motion detector which will interrupt the unit's operation for safety purposes when motion is detected in the area. If the unit is interrupted by the motion detection sensor, the LED display will show "INTR" (Figure 4) and the unit will need to be restarted. Simply pressing any of the buttons on remote control will allow the unit a continuation of the clock's count down (ex. unit had 3 minutes left.) Selecting "OFF" will cancel and return the unit to standby.

Figure 4: Unit interrupted by motion detection sensor while the time-out counter is greater than zero.

In addition to the unit's 5 timer settings, itt has an infinite mode of operation—to select this mode press the "HOLD" button on the remote control and the LED display will flash "HOLD" (Figure 5) when the countdown sequence is executed.

Figure 5: Infinite mode of operation selection

Figure 6: Unit operating in infinite mode.

When operating in Infinite mode the LED display will show "ON" (Figure 6,) and the unit will run until the "OFF" button is pressed on the remote control, or until motion is detected in the area. Note that in this mode the "INTR" feature is not available, so when the motion detector stops the unit, the unit returns to standby, and the LED display will show "OFF" (Figure 2).

Special Mode

WARNING: This feature is **not recommended** for use—exposure to UVC can cause permanent and severe damage to eyes and skin.

The motion detection safety feature can be disabled on a run by run basis by holding the button on the unit for more than 6 seconds. When activated the LED display will show the confirmation message for Motion Detection OFF / "MOFF" (Figure 7). This will allow your unit to run uninterrupted by motion in the room, as the motion detection safety feature has been shut off. It will be automatically re-enabled after running the unit.

If the safety motion detection feature is accidently disabled, it can be re-enabled by holding down the button on the unit for more than 6 seconds. The LED display will show the confirmation message for Motion Detection ON / "M ON" (Figure 8).

Figure 7: Safety motion detection disabled confirmation message.

Figure 8: Safety motion detection enabled confirmation message.

Linking a Remote Control

To link a new Remote Control, use the main power button to completely turn the unit OFF. When the unit is completely off press and hold the ON button and keep holding the button until the LED screen shows "PGRM" (Figure 9).

Figure 9: confirmation for remote learning execution.

When the unit is in remote pairing mode, follow the LED display directions to sync the new remote control with the unit.

When "POFF" / Press Off (Figure 10) is prompted, quickly press the "OFF" button on the remote. When "P-15" / Press 15 minutes (Figure 11) is prompted, quickly press the "15 minutes" button on the remote. Continue going through the prompted interactions on the remote in this way until all buttons have been registered and codes stored to EEPROM.

Figure 10: Waiting for user to press OFF button on the remote control.

Figure 11: Waiting for user to press 15 minutes button on the remote control.

Figure 12: Waiting for user to press 30 minutes button on the remote control.

Figure 13: Waiting for user to press 45 minutes button on the remote control.

Figure 14: Waiting for user to press 60 minutes button on the remote control.

Figure 15: Waiting for user to press HOLD button on the remote control.

GermAway uv
CHEMICAL FREE ULTRAVIOLET DISINFECTION

LAMP INSTALLATION Guide

OUR GERMAWAY STERILIZER LINES DO COME COMPLETE WITH LAMP BUT NOT INSTALLED TO AVOID BREAKAGES OR ANY OTHER PROBLEMS ASSOCIATED WITH SHIPPING.

ITEMS NEEDED

- Philips screwdriver

INSTRUCTIONS

- Carefully unwrap the system and the bulb.

- Remove the 4 silver Philips screws on the endplate with on/off switch as shown in photo below.

- Slide out inner lamp and reflector holder.

- Install lamp by carefully *and firmly pushing down into lamp socket until AUDIBLE CLICK is heard.*

- Place the other end into plastic lamp support.

- Slide lamp and reflector holder back into housing.

- Re attach using the 4 Philips screws.

THE STERILIZER IS NOW READY TO BE PLUGGED INTO APPROPRIATE ELECTRICAL OUTLET AND USED.

How to Mount a Device

1. To begin installation of the mountable device, determine a space that will fit the length and width of the unit while maintaining access to a power source. Using the unit itself as a template, mark the space where you will attach 4 anchors.

   Note: Items needed for device installation are not included, as they vary depending on surface material. To ensure proper installation be aware of what materials are needed for each surface (ie. drywall, cement, metal, etc.)

2. After marking the wall for an accurate fit, use a level to determine accuracy. Double check that the device location is optimal for power sourcing and function, before beginning to drill 4 quarter inch holes into the wall to install plastic anchors.

   Note: Before installation of device on a ceiling or wall, make sure to calibrate the Remote Control, as the user needs physical access to the unit to do so.

3. Holding the unit in place, use 4 mounting screws to secure the device to the anchors—the screws will go into the anchored sleeve to fasten and ensure the device is secure. Check your unit's stability before releasing it.

4. When your device has successfully been mounted, use appropriate fasteners to stabilize the power cord along the surface—this will complete your installation!

Status LED Codes

Behavior	Description
1 Hz blink	System OK
ON or OFF	System failed (OS not running)

The system status LED is a green LED on the control board.

Main Control Board Pin Out Table

Connector	PIN	Function	Description
J2	1	5V-OUT	433MHz RF Remote Control module
J2	2	Data	433MHz RF Remote Control module
J2	3	N/C	N/C
J2	4	Negative	433MHz RF Remote Control module
J4	1	5V-OUT	Led display
J4	2	Data DIO	Led display
J4	3	Data CLK	Led display
J4	4	Negative	Led display
J3	1	Input	STOP button
J3	2	Input	MINUS button
J3	3	Input	PLUS button
J3	4	Input	START button
J3	5	Input	Motion sensor 1
J3	6	Input	Motion sensor 2
J3	7	Negative	N/C
J3	8	Negative	N/C
J5	1	Sw. Com.	110VAC Phase
J5	2	Sw. N.C.	N/C
J5	3	Sw. N.O.	UVC lamp ballast
J1	1	Out O.C.	Fan
J1	2	Out O.C.	N/C
J1	3	Out O.C.	N/C
J1	4	5V-OUT	Motion detector
J1	5	5V-OUT	N/C
J1	6	5V-OUT	N/C
J1	7	Negative	Motion detector
J1	8	Negative	N/C
PWR	1	12V-IN	Power input to power supply
PWR	2	5V-OUT	N/C
PWR	3	Negative	To power supply
PWR	4	Negative	N/C

Notes: All 5V are output from the on board regulator. The board accepts any input from 11 to 15V, do not exceed 15V.
The 5V can supply a max current of 700mA.
N/C = Not connected
SW. N.C. = Relay switch normal close contact.
SW. N.O. = Relay switch normal open contact.

Warranty Information

With the purchase of your new unit item comes a one (1) year warranty against device malfunction. This warranty is in place in the event that a malfunction occurs affecting the integrity of the item— which includes damage to the device, bulbs, or operating system that occur as a result of shipping and handling. Under the parameters of the CureUV warranty, the item is fully protected against *non-operator caused malfunctioning*— it guarantees item integrity but is NOT designed to fix user breakage, damage, or misplacement of any device or bulb, connector cords, push buttons, etc. Examples of damage where the warranty is applicable include: broken bulbs or hardware dents and cracks that occur in initial shipping and handling, as well as issues with initial device connectivity or operation not caused by user error. This warranty does not cover operator caused errors such as bulbs that have been dropped, machinery damaged in transit after initial shipping and handling, improper storage of bulbs and equipment, or overuse's effects on bulb lifespan.

In addition, this warranty does not include coverage when unit has been damaged due to replacement parts (UV bulbs) that were purchased or manufactured outside of SPI or CureUV. If device malfunctions due to incompatibility with third party machinery, the warranty will not cover the damage or replace the unit.