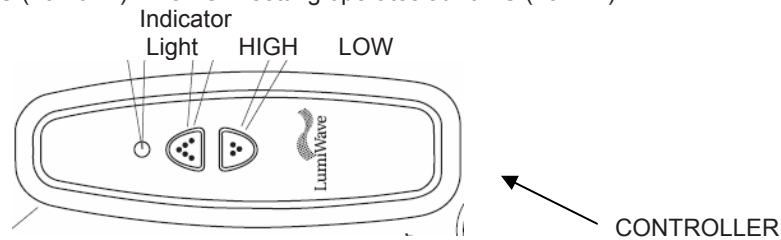


Quick–Start Operating Instructions for the LumiWave™ Infrared Therapy Device

The LumiWave device can be operated in two different modes depending on the tolerance for heat. The HIGH setting operates at 42° C (107.6° F). The LOW setting operates at 40° C (104° F).



1. Connect the 1 X 4 by placing the cable and connector into the input jack at the top of the Controller.
2. Connect the BioCare AC adapter into the input jack at the bottom of the Controller.
3. Plug the transformer into a standard U.S. 120 Volt wall outlet.
4. Front Panel Indicator Light will display amber during the power-up; if the high or the low button is pressed during power up the unit will lock-up with a flashing red Indicator Light.
5. Once the device is powered-up, operational, working properly, and ready for treatment activation, the Front Panel Indicator Light will display green and the user will hear three (3) beep tones.
6. Place the 1 X 4 directly over the area to be treated with each LED faceplate (IR Pod) against the skin
 - a) Use the 1 X 4 array with or without the strap (for areas such as the shoulder, hip or back - just lay it over the affected area of pain without the strap).
 - b) To use the strap: attach the strap clip to the end of the 1 X 4 array and thread it through the alternate end and adjust the strap to a comfortable position
 - c) Place the Controller on the belt with the belt clip provided, or hold in the hand
7. Press either the HIGH or LOW button to begin treatment.
 - a) The Indicator Light will display red on HIGH or amber on LOW for the duration of the treatment
 - b) User will hear one (1) beep tone for LOW and two(2) beep tones for HIGH
 - c) Red Indicator LED on the back logo side of each IR Pod will display red

The LumiWave automatically shuts off after the appropriate treatment time, approximately 3 to 5 minutes (HIGH) or 5 to 7 minutes (LOW). The controller will turn off power to the IR Pods; indicated by three (3) beep tones and the Front Panel Indicator Light will display green. The indicator Light on each IR Pod will turn off. The device is once again in READY Mode.

Frequency of Use

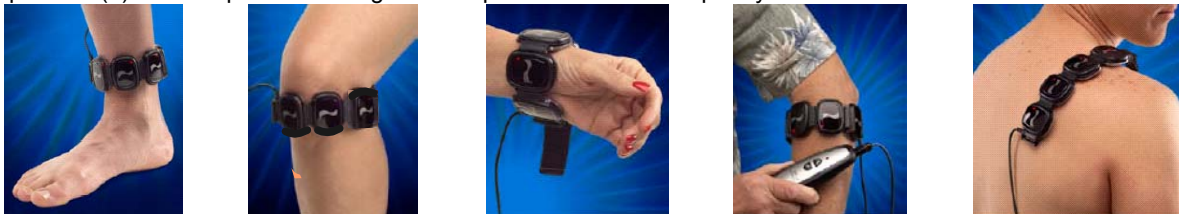
A single treatment cycle twice per day or as often as every 6 hours is sufficient for any given area. Each cycle is automatically monitored and controlled by LumiWave. The start of each cycle is indicated by one or two beeps (LOW and HIGH settings, respectively) and An indicator light color change from green to amber or red on the controller. The end of a cycle is indicated by a series of beeps and an indicator light color change back to green.

Sprains, Strains and Contusions should be treated initially with ice, per usual procedures. After 2 hours, LumiWave treatments should replace ice.

You may treat an area for two or three cycles in a row. Do not exceed four cycles in a single body area per six hour time period, as the benefits of treatment may actually diminish.

Coverage of Affected Body Area

The user may treat as many painful areas as desired by moving the 1 X 4 array to a new area once the device is in the READY Mode (indicator light green). To treat large areas move the 1 X 4 array 2 inches to a new location and follow instructions 6 – 7 above in either HIGH Mode or LOW Mode. For multiple areas, treatment duration may vary up to five (5) minutes per area to regulate temperature. Plastic wrap may be used as a “sterile barrier.”



Refer to the [LumiWave Operator's Manual](#) for detailed instructions.