



**Chromotherapy Lighting System  
Model A-900DCB Controller**

**Benefits of Color Therapy & Operating Manual**

PLEASE CAREFULLY READ AND SAVE THESE INSTRUCTIONS

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## **BENEFITS OF COLOR THERAPY**

Chromotherapy, sometimes called color therapy or colorology, is an alternative medicine method. It is claimed that a therapist trained in chromotherapy can use color and light to balance energy wherever our bodies are lacking, be it physical, emotional, spiritual, or mental." Also, to use color therapy means, "To heal by using certain colors to treat certain illnesses and diseases." Here you will learn the basics of color therapy and the illnesses and ailments each color can treat.

It's easy to remember the order of the colors. First of all, they're the colors associated with the Chakras, starting at Number One, the root Chakra at the base of your spine. They're also the order of the colors of the rainbow.

### **1. Red.**

The root Chakra is red. This is the color to wear, visualize, and surround yourself with if you feel ungrounded, depressed, or like you lack energy. For physical symptoms, you can use red for bladder infections, colds, back pain, trouble with the legs or feet, and low blood pressure. It also improves impotence, poor circulation, and shock.

### **2. Orange.**

The sacral Chakra is orange. If you feel repressed or inhibited in any way, or you don't have sufficient energy, the color orange can help improve your feelings. It also works on allergies, skin problems, constipation, spasms, cramps, and kidney problems. Interestingly, therapeutic use of the color orange can also improve lactation for nursing mothers with milk supply issues.

### **3. Yellow.**

The solar plexus is yellow. Use yellow for depression, nervous disorders, and dispelling fears. On a physical level, yellow is good for breathing problems, exhaustion, liver problems, gallstones, muscle cramps, diabetes, hypoglycaemia, and hypothyroidism. It also improves food allergies, gas, and digestive disorders. Yellow is beneficial in building strong bones as well.

#### **4. Green.**

The heart Chakra is green. Accordingly, green is the color to use for heart and lung problems, high blood pressure, breathing difficulty, compromised immune system, and fatigue. On an emotional level, green works to harmonize all levels of being, improve loneliness, reduce negativity and tension, soothe the nerves and spirit, and reduce anger and paranoia. Green promotes emotional stability, calms fear of death, and prevents insomnia.

#### **5. Blue.**

Blue is the color of the throat Chakra. As a result, include blue in your color therapy if you have a sore throat, fever, ear infection, inflammation, burn, or other skin irritation. Blue also eases over tiredness, mental exhaustion, and violent or hyperactive behavior.

#### **6. Indigo.**

The third eye Chakra is indigo. Visualize, wear, and locate indigo-colored things if you experience any of these physical symptoms: diarrhea, intestinal irritation, infections in the ears, eyes, or nose, and pain of any kind. On emotional and mental levels, indigo promotes inspiration, reduces psychic exhaustion, and releases negative thought and behavior patterns.

#### **7. Violet.**

The crown Chakra is the seventh Chakra and promotes our connection to the divine. Its associated color is violet, and you can use it to treat many things. These include, but are not limited to depression, migraines, baldness, dandruff, and neurotic behavior. If another color doesn't work or isn't strong enough, violet can be used. It should also be used instead of red for high-strung people.

There are schools with extensive training courses in Chromotherapy. But you can use these basics to be aware of how colors effect you and what to do if you're sick, tired, lacking energy, or ill in any way.

## IMPORTANT SAFETY INSTRUCTIONS

- You should have received safety instructions with your bath/spa. Please read and follow them carefully.
- Read all instructions in this manual before using this system.
- Use this system only for its intended use as described in this manual.
- This system should be serviced only by the manufacturer. Contact your distributor or the manufacturer for examination, repair or adjustment.
- Do not operate this system if it has a damaged cord or plug.
- Do not immerse control box, cord or plug in water.
- Keep cord away from heated surfaces.

## ELECTRICAL INSTRUCTIONS

Warning – Risk of Electrical Shock: Drain bath/spa and disconnect all power before attempting to replace parts and open lens cover(s). The controller must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances. The electrical requirements are 120 volt, 60hz 15+ amp protected electrical supply. Failure to use incorrect voltage may damage the unit. Power consumption is 1.5 Watts active, .2 watts on standby.

## END SYSTEM CONDITIONS OF ACCEPTABILITY

The subject model is suitable only for factory assembly. No field installation or assembly (other than for service replacement) is permitted.

The control box body shall be mounted with its cover facing upwards (horizontal).

The control box shall not be mounted directly over any source of splash/water (pump, shaft/slinger area or plumbing connections).

The control cord and the leads shall be routed and secured to minimize installation damage (of the end system product) and avoid ground reference contact.

The control supply cord shall be terminated (in an end system product) with suitable strain relief bushing, having water resistant characteristics.

## INSTALLATION INSTRUCTIONS

- Required tools: Hole saw with 1.75" and 2.5" bit.
- The control unit is mounted horizontally on a clean dry location, usually on the wooden platform of the tubs supporting structure. The control box should be kept away from water pipes, joints, jets, or hoses if possible to protect the controls from getting wet in the event of a water leak.
- Warning: The unit must not be mounted in any other orientation.
- The keypad installation involves simply mounting the keyboard in the appropriate sized hole on the deck of the tub, preferably on a flat horizontal tub surface well above the waterline. A double sided gasket is provided to secure the keypad and to seal it.
- The keypad has a purple cable, either 6 or 12' long. The Chromotherapy connectors are both black. Insert the cables into the matching colour DIN connector on the control unit.

- DO NOT interchange the keyboard with the Chromotherapy cables, as damage to the keyboard will result.
- The DIN cable from the Chromotherapy Boards must be securely fastened to avoid excessive movement and must be kept protected from any mechanical wear, shock or abrasion.

## INSTALLATION INSTRUCTIONS FOR LENS COVER

**Warning – Risk of Electrical Shock: Drain bath/spa and disconnect all power before attempting to open lens.**

1. Determine a suitable 3.5” flat surface for light placement
2. Drill a 2.5” hole for the light assembly
3. A thin layer of Vaseline on the gasket will prevent the gasket from binding and possibly leaking (Optional). Ensure the gasket is firmly trapped against the tub and lens housing so as to make a waterproof connection.
4. Insert the light assembly through the provided gasket and next insert the assembly into the hole.
5. Hand tighten the nut to approximately 15 ft-lbs.
6. Screw the white reflector onto the back of the light assembly.
7. Insert 19 LED lights into socket assembly and insert through reflector and twist lock into place.
8. Secure cable with plastic din holder

## RELAMP INSTRUCTIONS

**Warning – Risk of Electrical Shock: Drain bath/spa and disconnect all power before attempting to open lens.**

- Drain bath/spa and disconnect power before attempting to open lens.
- Only open the lens of the light using the lens insert tool provided for that purpose.
- Do not attempt relamping without the proper tool. Contact a qualified service professional if the tool is not available.
- A thin layer of Vaseline on the gasket will prevent the gasket from binding and possibly leaking (Optional). The gasket will be firmly trapped against the tub and lens housing so as to make a waterproof connection. If leaks occur, tighten the retaining nut a bit more.

Follow the instructions on the lens insert tool provided.

1. Remove lens insert with tool
2. Pull light straight out
3. Gently remove old light and place new light in correct 6 pin sockets, being careful not to damage or bend the pins.
4. Verify the o-ring is not damaged and is properly in place. Contact a qualified service professional if a replacement o-ring is needed.
5. Replace lens with insert tool
6. Tight to align tool with notch

## OPERATING INSTRUCTIONS

1. Press the button once and the led lights will activate in rainbow mode. The Rainbow mode will slowly scan the colors gradually through the spectrum so that all colors are possible.
2. Press the button again to stop at your desired color.
3. Press the button a third time to turn off the unit.

Note: The chromotherapy system has a built in timer which shuts off all LEDS 1 hour after activation. It takes 60 seconds to run through the rainbow of light color choices.

## REPLACEMENT PARTS & ACCESSORIES

<u>Description</u>	<u>Part No:</u>
Chromotherapy Control Box, 120v	A-900DCB
Chromotherapy Control Box, 120-240v	A-900UDCB
Chromo therapy Control Box w/Relay	A-900DRCB
19 LED Lights	A-900LC
Black 6' Cable	ELI-20200
Keypad	A-910EDDP
Purple 6' Cable	ELI-20300
Purple 12' Cable	ELI-20350
Lens Cover	PLA-85300
Universal Wall Adapter	ELI-25050

## FEATURES

- High impact clear lens cover, UL recognized
- The control box is water-resistant and requires no cooling fans. A powerful Microcontroller controls all internal keyboard scanning and power electronic control. Standard 6 pin Color-coded Min-DIN cables are used for all peripherals. All pins and sockets are gold-plated for long life and resistance to oxidation.

## CLEANING & CARE

Care should be taken in cleaning the keypad. If the keypad becomes soiled, wipe the panel with a cloth for cleaning glasses, dampened slightly with water only. Dry with the same cloth. Do not scrub with any other cloth and do not use any sort of chemical cleaners.

## CERTIFICATIONS



Chromotherapy system, model A-900DCB, for use with Hydromassage tubs. The unit consists of a controller (with single isolation transformer), keypad and two chromotherapy LED lights. Rated input: 120v, 60Hz, 0.1A Max.

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