

RED REACTIVE⁺

USER MANUAL



SPECIFICATIONS

LED TYPES:	GaAIAs Light Emitting Diodes
MODEL:	R3 Light Panel
WAVELENGTHS:	633nm / 810nm / 850nm / 940nm CW
OPERATION MODE:	and Variable Pulse
PULSE REPETITION RATE:	10Hz – 500Hz
IRRADIANCE:	100mW/cm ²
POWER SUPPLY:	110 VAC
LED CLASS:	Class 1
SAFETY CLASSIFICATION:	EN62493:2015
COOLING:	Air
DIMENSIONS:	38" x 9" x 2.5"
WEIGHT:	25 lbs
NUMBER OF LEDS:	180 LEDs
R3 HARDWARE:	Hanger & Pulley System / Stand Option

Disclaimer: The statements within this guide have not been evaluated by the FDA. The products manufactured by Red Reactive™ are not intended to diagnose, treat, cure, or prevent any disease. The information provided herein is not a substitute for face-to-face consultation with your physician, and should not be construed as individual medical advice.

WHAT IS PHOTOBIO-MODULATION THERAPY (PBMT)?

PBMT has been studied extensively in over 500 published double-blind, randomly-controlled studies and over 5,000 laboratory studies. Experts have shown that photobiomodulation therapy is dose dependent, meaning the dosage of light (wavelength + exposure time) determines the outcome.

PBMT has profound positive effects with proper dosage on a wide variety of conditions, such as the following:

- Improved muscle performance and recovery
- Arthritis
- Nerve pain and nerve regeneration
- Tendinopathies
- Soft tissue healing
- Musculoskeletal pain
- Sleep disturbances
- Anxiety and depression

In addition to ancillary benefits that include:

- Improved mood and mental clarity
- Temporary euphoric feelings
- Improved skin clarity and tone
- Decreased swelling of extremities
- Increased energy and general sense of well-being

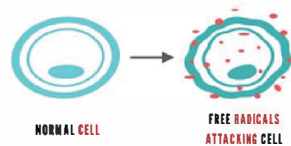
Recent studies show that PBMT is also effective in improving athletic performance. PBMT can increase exercise capacity, resulting in longer exercise times; additionally, PBMT can speed up recovery by reducing production of lactic acid, creatine kinase, and c-reactive protein.

TIME AND DISTANCE

Use the Red Reactive light panel approximately 6 inches from the skin for 15 to 25 minutes on desired treatment area.

Depending on the desired treatment outcome, you may choose to use the following options: continuous wave or pulse.

Treatment outcomes are accomplished by emitting powerful light with four different wavelengths, from red to near infrared light.

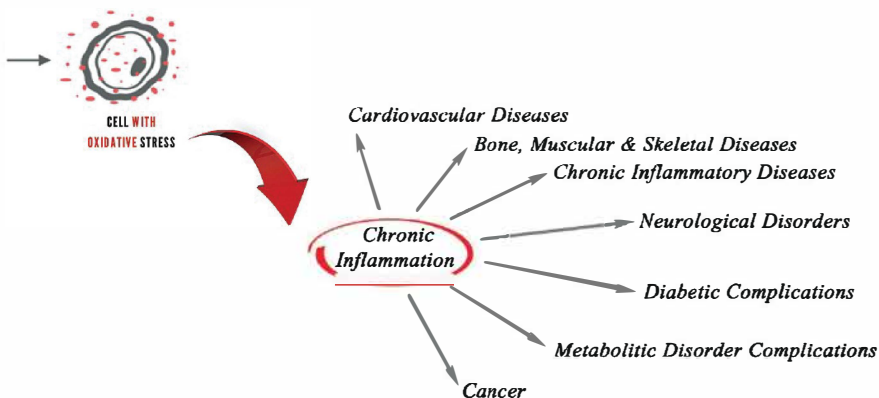


HOW DOES IT WORK?

Extensive research during the last two decades has revealed oxidative stress can lead to chronic inflammation which contributes to the aging process, pain and is accepted as the underlying cause of most chronic diseases. Factors that cause Oxidative stress include:

- Environmental chemicals
- Pesticides
- Cleaners
- Pollution
- UV radiation
- Infections
- Lifestyle choices
- Poor diet
- Smoking
- Alcohol

Photobiomodulation works at the cellular level increasing energy production, increasing circulation, reducing inflammation and oxidative stress.



SETUP AND INSTALLATION



1

Screw in the hanging fixtures included on the top of the panel.



2

Hang the included door hook on any standard door.



3

Pulley allows the Red Reactive panel to be raised or lowered. Adjust to desired height.



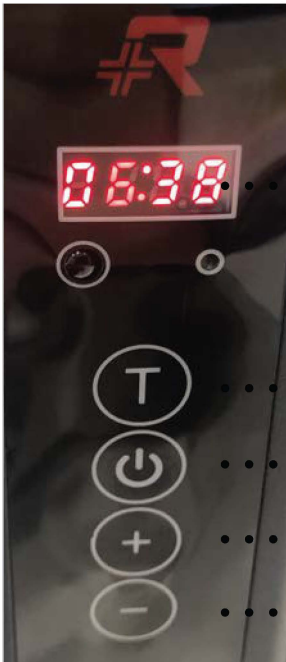
4

Turn the device ON/OFF using the red toggle button on the back of the light panel.



5

Adjust the Hz frequency setting. Frequency can be set between 10 and 500Hz.



6

Timer countdown display. When timer is turned off the display will read FF:FF

..... Pause/Run Timer

..... Turn Light On/Off

..... Increase Treatment Time

..... Decrease Treatment Time

RECOMMENDED PULSE SETTINGS

2Hz

Stimulates bone formation

3Hz

Wound Healing

5Hz

Improves mitochondrial dysfunction

Hair regrowth in noninflammatory alopecia

10Hz

Neuroprotection, stimulation of neurogenesis in

TBI Major depressive disorder

Wound healing

Reversal of cognitive decline

Improved brain mitochondrial function

Strength training

Depression

Dental hypersensitivity

TBI treatment

Knee Osteoarthritis

15Hz

Promote osteoblast differentiation

20Hz

Improved anti-inflammatory effect

Reduced diabetic neuropathy

Periodontitis treatment

Degranulation

30Hz

Stomatitis

50Hz

Post Endodontic pain

80Hz

Improved wound healing

Improved bone health

Improved neuromuscular health in elderly

Accelerates wound healing

Improved diabetic wound healing

Osteoporosis

Improved burn healing

100Hz

Reduces inflammation and enhances wound healing Improved wound healing compared to 200, 300, 400 and 500Hz

250Hz

Pre-exercise



WARRANTY TERMS AND CONDITIONS

Time Period for Warranty Coverage

Each Red Reactive product is warranted to be free from defects in workmanship and materials for the period of two (2) years from the date of delivery and under normal use and service.

Authorization for Coverage

The Company's obligation under this warranty is limited to providing any and all necessary product repairs upon Red Reactive examination and final determination as to cause or existence of defect and, at its option to repair or replace the products, which prove to be defective during the warranty period.

Original Purchaser

This warranty extends only to the original end-user purchaser (including authorized distributors) of the Red Reactive product.

Transfer of Warranty to Other Parties

Any transfer of warranty must be approved in writing from Red Reactive, LLC. Warranty transfers will require review and certification by the company. Please call Red Reactive to obtain a quote for certification.

Warranty on Replaced Products

Products replaced under warranty will be warranted only for the balance of the warranty time period from the original supplied Red Reactive product.

Actions That Void the Warranty

This Standard Warranty will not apply to those products which have been:

- a) Repaired or altered other than in accordance with the terms of this agreement.
- b) Abused, misused, improper handling in use, or storage, or used in an unauthorized or improper manner or without following written procedures supplied by the company.
- c) Original identification markings or labels have been removed, defaced or altered.
- d) Any other claims not arising directly from material defects in Material or workmanship.

Responsibility for Warranty

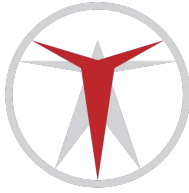
This Standard Warranty is the exclusive warranty made by Red Reactive is in lieu of all other warranties, whether written, oral, or implied, Including any warranty of merchantability or fitness for a particular purpose, and shall be purchaser's sole remedy and Red Reactive sole liability on contract or warranty of otherwise for the products. This warranty shall not be modified or amended without the written approval of Red Reactive, LLC.

Extended Warranties

Please contact Red Reactive for specific details regarding Extended Warranty Plans.

NOTICE TO HOLD HARMLESS

In no even shall Red Reactive, LLC be liable for any indirect, special, Incidental or consequential damages resulting from the failure to perform or use or improper use of any goods or services sold pursuant hereto, whether due to breach of contract, breach of warranty, negligence or otherwise.



DA VINCI | MEDICAL®

davincimedicalusa.com

888-391-5350