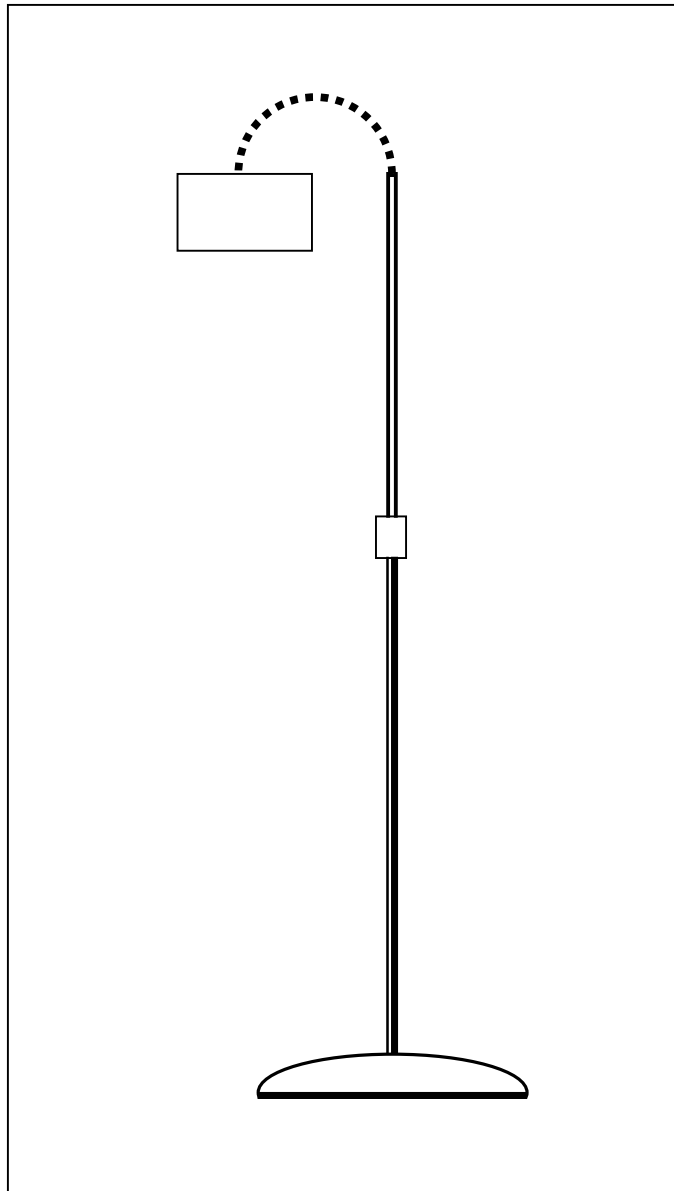


INTENSE Professional –V
LED Therapy Instrument



Owners Manual

CONTENTS

- 1 Unpacking and Assembly
- 2 Cautions
- 3 Operation
- 4 Care and Maintenance
- 5 Specification
- 6 Useful Information
- 7 Warranty & Copyright
- 8 Pay-As-You-Go

Please refer to Addendum for most recent updates

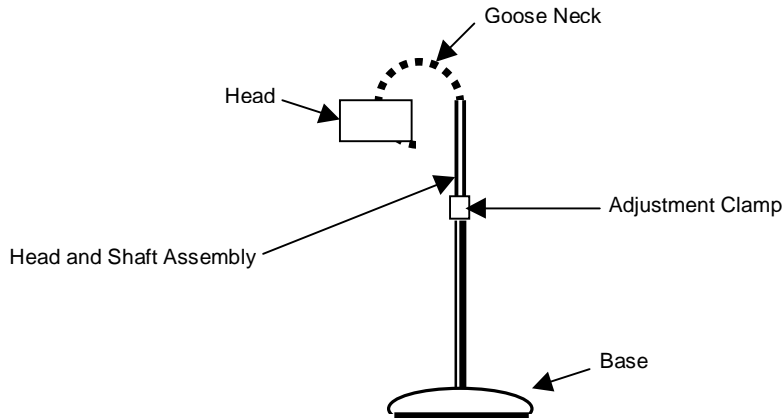
*** NOTE ***

Please read the Unpacking and Assembly section before removing the instrument from the packaging

Unpacking and Assembly

If possible retain the original packing as it will be the ideal way to transport the instrument if required. Ideally two persons should be available to assembly the instrument.

The instrument consists of the HEAD, SHAFT ASSEMBLY and stand BASE.



The Head, gooseneck and telescopic stand are pre assembled as one piece. No further assembly is required.

1. Find a suitable flat surface such as a table cleared of any articles.
2. Gently remove the Head and Stand Assembly from the packaging and place on the table. Take care to support the Head in one hand as the Gooseneck is flexible and lifting the instrument out of the packaging without supporting the Head will result in the Head swinging down.



Place the Head and Stand Assembly on the table as shown above. The threaded end of the stand should be exposed and overhang the edge of the table.

3. Remove the stand BASE from the packaging. It weight around 3kg so is fairly heavy, be careful not to drop it on your feet!
4. The Base screws onto the threaded end of the stand. Care **MUST** be taken not to cross thread when attaching. *Cross threading either the Base or Stand shaft will nullify the warranty.*
5. Carefully screw the Base in a **CLOCKWISE** direction onto the shaft. The screwing should take place without any undue pressure or force. Screw the Base all the way onto the shaft ensuring that it is tight.

6. **WARNING:** If the screwing feels awkward, or tight, or force has to be used to turn the base whilst screwing, this indicates that cross threading might be taking place. Remove by unscrewing, then begin again – make sure the Base and shaft are lined up evenly before starting to screw the Base into position.
7. After successfully attaching the Base, hold the instrument firmly by the top of the Gooseneck (where it meets the Head), and the bottom of the shaft near the base. Lift the instrument off the table and place it gently on the floor.
8. Now slowly and gently bent the Gooseneck into position as indicated in the pictures above.
9. If the Gooseneck looks a bit out of alignment, straighten it up by placing both hands on the Gooseneck and maneuvering it into the position required.
CAUTION :*NEVER hold the Head in both hands and swivel it to obtain a desired Head position.* Manipulate the Gooseneck to set the Heads position.
10. Remove the 15volt power pack from the packaging. Insert the small plug on the end of the power pack's cord into the socket located at the bottom of the shaft. This socket can be seen slightly above where the Base fits onto the Shaft.
11. Plug the power pack into a 240v AC power outlet – turn the power point switch ON

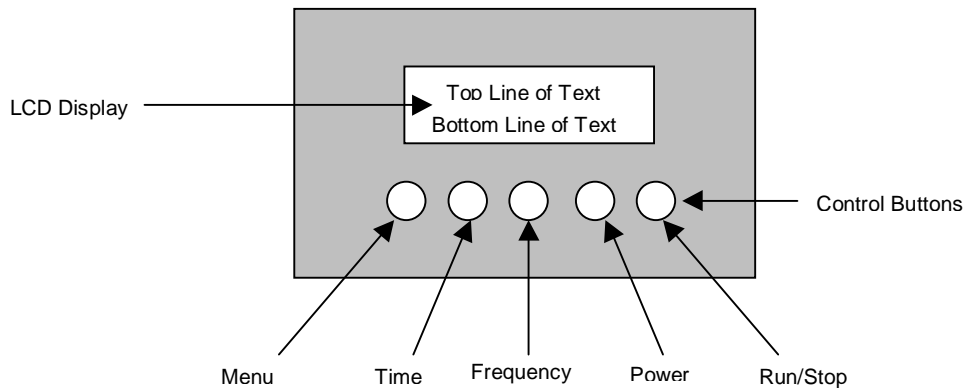
That completes the assembly of the instrument. If all the steps above were followed correctly the instrument's face plate and LCD display should be illuminated. The instrument is now ready for use.

CAUTIONS

- This instrument must only be used by suitable trained and qualified persons
- The instrument is not intended for Medical use
- Do NOT use on persons with a history of epilepsy and light sensitive skin
- If unsure of a condition to be treated, seek professional medical advise
- The instrument is not waterproof – keep away from wet areas
- Stand on level surface
- Do not operate with wet hands

OPERATION

The instrument is very user friendly and easy to operate.



Operation of the instrument is controlled by push buttons. These are labeled as in the diagram above.

Upon powering up the firmware operating system version is displayed for 1 second. Note this number down (eg: 1.5.0) as it is important when making an enquiry regarding the instrument.

*After the initial 1 second version display, the LCD (Liquid Crystal display) will indicate the Name and details of the unit (eg: Jo's LED Therapy / www.josLED.com)

This screen is hereafter referred to as the Home Screen (prior to version 1.6.0 firmware).

*Machines with Version 1.6.0 and later firmware: (see Addendum at end of manual).
The user has to acknowledge certain criteria before proceeding to use the machine. Until these criteria are accepted the machine cannot be used (safety feature).

The first message will be "NOT FOR MEDICAL USE !!"

- press the MENU button

The second message will be "No use on people with Epilepsy !!"

- press the TIME button

The third message will be "No use on Light sensitive skin !"

- Press the FREQ button

The fourth message will be "To be used only by trained staff"

- Press the POWER button

The Intense -V is now ready to use and the Home Screen is displayed.

Whenever the Home Screen is displayed, access is available to the Help screen by pressing the Run/Stop button.

Pressing this button several times will scroll through the help screens thereafter returning to the Home Screen.

The help lines displayed are in reality 'prompts'.

From the Home screen any of the five treatment types (light colours) can be selected by pressing the **Menu** button.

The five treatment types available are Red, Green, Blue, Yellow (also known as Amber) and Total.

After selecting the required colour the duration of the treatment is selected by pressing the **Time** button. A range from 2 to 60 minutes is available.

Either press repeatedly, or hold the Time button in, to increment the period required.

Next select the Application Frequency by pressing the **Freq** button. The frequency range available in Hertz (Hz) is 100 – 90 – 80 – 70 – 60 – 50 – 40 – 30 – 20 – 10.

Refer to your treatment schedule for the frequency setting. If in doubt set to 100 Hz.

Caution: Low frequencies in the range 30 –20 –10 Hz can induce adverse effects in some persons. Ensure the person being treated does not suffer from any ailment that is effected by light pulsation.

3-1

Once the frequency has been selected the Power setting needs to be adjusted. This is achieved by pressing the **Power** button. There are 4 power settings 100 – 75 – 50 –25. These numbers indicate a percentage of full power. If in doubt use the 100 setting. Lower settings are useful when only a limited amount of exposure is required, perhaps after ongoing lengthy treatment sessions, use lower power as a “top-up”.

Before turning commencing the treatment, make certain the person to be treated has their eyes covered by a eye mask. Although the light is not harmful it is recommended for comfort to cover the eye to block out any visible light.

The distance between the instruments head (light source) and the treatment area should be approximately 200millimetres (20 centimetres) - this distance is not critical.

The distance can be adjusted by varying the length of the Stand. The stand is designed to move telescopically over a distance of between 1.2 and 1.5 metres. Do not force the telescopic action beyond these values. Permanent damage can be caused by doing so.

To adjust, loosen the Adjustment Clamp (refer to Unpacking and Assembly) which is located about half way up the stem of the stand. Gently extend or retract the upper section of the stand to required height, then tighten the Adjustment Clamp.

In the event that extending or retracting the upper section is stiff, then gently tap the shaft a few times to release any tight spot.

When all is set, press the **Run/Stop** button to commence the treatment.

If for any reason during the session it is necessary to pause the treatment, this can be done by pressing the **Run/Stop** button – this will place the instrument in a Pause Mode. The timer will cease to count down the set time. Upon commencing the session again by pressing the Run/Stop button the timer will continue counting down until the end session time is reached. The session can be paused as many times as is necessary during selected time period. This enables the person being treated being assured that their overall session treatment time is correct. However it is not advisable to interrupt a treatment session. A solid start-to-finish session produces better results.

At the end of the selected session time period the instrument will turn off its light source and emit three gentle beeps notifying the user that the session is complete.

3 - 2

If a particular program needs to be terminated, this can be done by pressing the **Menu and Power** buttons at the same time. The instrument will return to the Home Screen.

If during a scroll through the Help menu it is required to return to the Home Screen, then pressing the **Menu and Power** buttons together will terminate the Help menu option.

By pressing the **Menu and Freq** buttons together the LCD screen will display the total amount of time that the instrument has operated.

Example:

0 9 4 3 45

From left to right, these numbers can be interpreted as follows:

0 = zero years

9 = 9 months

4 = 4 days

3 = hours

45 = minutes

Care and Maintenance

The INTENSE Professional – V Photon Therapy instrument is fitted with 504 State-of-the-Art light emitting semiconductor devices to provide an efficient concentrated light source. The Light Source is an expensive item and carries a three (3) year factory warranty.

Each of the 504 devices have been especially selected to provide the correct light required to treat conditions associated with skin disorders.

The 504 optics are made up of Gallium Indium Nitride and Aluminum Gallium Indium Phosphide light emitting semiconductor devices operating in the selectable frequency bands of 625, 515, 465 and 590 nano Metres.

The Light Source identified by the 504 oval clear acrylic “bulbs” that emit the selected light are extremely rugged. The very nature of their ruggedness and high photon output has resulted in the successful compact design of the INTENSE Professional - V Therapy instrument.

PRECAUTIONS CARE and MAINTENANCE of the instrument:

- Never expose the instrument to water. It is not water proof and can be permanently damaged if water or moisture enters the instrument
- To clean the 504 optics, first use a dry light artist brush to dust out any surplus dust that might have collected and settled between the individual optics
- Using a lint free soft cloth lightly dampened (not wet) with medical grade alcohol or a high grade methylated spirits, gently wipe over the optics. CAUTION: These chemicals are toxic and flammable, please take the necessary precautions when using them.
- After wiping the optics, the rest of the instrument can be wiped over with the same cloth
- Let the instrument stand for ten (10) minutes after wiping down to dry before turning it on again. Thereafter is so desired, the instrument can be wiped over with a dry cloth to restore its luster
- Do not use abrasive cleaning products on any part of the instrument
- When not in use, unplug or turn the power off
- Store in a clean dry place when not in use
- Use the supplied power pack only

The INTENSE Professional – V is warranted against defect for a period of one (1) year from date of purchase.

The 504 piece Light Source is warranted for a period of three (3) years from date of purchase.

Warranties will be honored providing the instrument has not been mistreated and is returned and retrieved to and from our elected factory or accredited representatives' address by the owner at the owner's expense in and with the original packaging.

SPECIFICATION

September 2012 Version 1.5.0 firmware

Biomedical Multiple Light Emission Therapy Device

Construction: Mixed aluminum, mild steel acrylic and other.

Operating supply: 15 VDC @ 1.5A

Emissions:

RED ~ 620nm

GREEN ~ 502nm

BLUE ~ 468nm

AMBER ~ 590nm

The **INTENSE Professional - V** design employs state of the art electronics to produce high intensity light emissions in the various light spectrums for use in the treatment of certain skin conditions.

The packets of high intensity light emissions are created by a specially designed pulse technique to drive the array of semiconductor light emitting diodes.

The **INTENSE Professional - V** can be positioned at almost any angle thanks to its flexible goose-neck mounting and strong mechanical clamp that enables it to be affixed to almost anything beside the fully adjustable easily stored stand.

Due to the **INTENSE Professional - V**'s unique design and compact styling, it can be used as a portable machine operating off a motor vehicles cigarette lighter socket. A separate adapter not included in the standard package is available for this application.

FUNCTIONS:

The **INTENSE Professional - V** is controlled via a push button easy to operate user interface panel located on the top of the device.

The five push buttons in conjunction with the liquid crystal display make operation of the **INTENSE Professional - V** simple.

The five buttons control the following:

- Menu – select between five treatment programs. Red, Green, Blue, Yellow, Total
- Time - Treatment Time 2 to 60 minutes
- Freq - Treatment application Frequency 100-90-80-70-60-50-40-30-20-10 Hz
- Light emission power (100-75-50-25%) percentage of total output power
- Run/Pause – Pause the treatment. Total treatment time is conserved.

In addition to the above five program options, further options are available by using two buttons in combination (refer to operation section)

NOTE: The usage meter can be reset to zero with a certain combination of button presses. This information is contained in the workshop manual for service personal only.

Package:

- 1 x **INTENSE Professional - V** LED Light Therapy Machine
- 1 x Telescopic stand – extends up to 2 metres
- 1 x Base
- 1 x 15 volt 1.5 amp power supply
- 1 x This manual

The above information applies to firmware version 1.5.0. This version number is visible for one second on the LCD screen when first powering up.

Specifications may vary.

USEFUL INFORMATION

Light Emitting Diode (LED) Therapy

Light Emitting Diode Therapy, commonly called LED Therapy, has proven to be an effective treatment for a number of common skin disorders.

LED Therapy works by activating the skin cells by the application of pulses of light energy at specific frequencies. The cells convert the light energy into fuel which in turn stimulates the cells to produce proteins and lipids, essential for building and repairing the skin. LED Light Therapy has been shown to increase the rate of healing for a number of skin conditions, reduce associated inflammation, increase Collagen and Elastin production and promote anti-aging.

Increased collagen has the effect of “filling” out the skin to fill in fine lines and wrinkles while increased elastin helps to firm skin that has begun to sag. The LED Light Therapy process results in a skin with a more youthful, smoother, healthier and more radiant appearance.

LED Light Therapy is so safe and easy to use:

- Non-invasive procedure – simply expose to the light source
- There is no “recovery” time required
- No scarring
- Absolutely painless, no discomfort
- No known side effects

Common conditions treated by LED Light Therapy

- Fine lines and wrinkles
- Dehydrated skin
- Sun Damaged skin
- Aging and scarring
- Dark under-eye circles
- Blemishes and pigmentation
- Oily skin
- Broken capillaries
- Acne and acne scars
- Redness and flushing
- Pimples, Psoriasis
- Brown spots from sun damage
- Large skin pores
- Sagging skin

Frequently Asked Questions

Is LED Therapy Safe?

Yes. There have been many studies that show that LED Therapy is safe.

How long before results can be seen?

You should notice a healthy glow after the first treatment although people do respond a different rate. Influencing factors include a person’s physical condition, diet, age, prescription drug usage, alcohol consumption, smoking and exercise.

How long do the results last?

Results have been known to last for up to 12months. To obtain optimum results it is recommended to have LED Therapy every 6 to 8 weeks.

Are there any side effects?

There are no known side effects and LED Therapy has been shown to be safe and effective for all skin types, ethnic and age groups.

1. Is there any scientific proof that LED or photo rejuvenation works?

Unlike many devices on the market today, LED light therapy has been thoroughly tested, evaluated and validated by hundreds of universities, medical labs - not to mention NASA. In fact there are over 2000 reports and University-conducted studies that have published positive findings on this type of technology.

2. What areas of the body can be treated using LED therapy?

LED light therapy can be used on any part of the body, and has been shown to be most effective on improving the appearance of the face, neck and chest.

3. Is the INTENSE –V LED Light safe?

Yes, it is completely safe and non - invasive. This exact technology has been used for many years for the accelerated healing of tissue after medical procedures, in health spas and expensive dermatological clinics all over the world. The effective energy levels employed by this unit fall well below the OSHA and ANS/IES standards.

4. Is LED therapy different from lasers?

Yes. LED therapy is non-invasive and uses no uncomfortable heat. Lasers employ the use of concentrated focused high-powered light energy, and if not careful and administered by professionals can easily damage skin tissue. LED therapy on the other hand uses the natural and specifically selected wavelengths of light to bring about a therapeutic change within the body - resulting in a therapy that is completely free of pain, with no known side effects.

5. Can LED therapy be used in conjunction with other therapies?

Yes. In fact, the penetration and thus effectiveness of lotions and dermal creams will be drastically enhanced when used in conjunction with LED therapy. It has also been found that LED therapy complements many other facial procedures, including Microderm Abrasion. Light therapy facilitates peripheral blood flow, and the greater the blood flow - the quicker one heals.

6. How long will it take for me to see results?

Everyone responds differently to treatment. Some people more quickly than others, depending on the age of the individual, physical condition, skin type, diet and alcohol consumption, smoking habits and so on. Most people see results within 4 - 8 weeks, but many have reported positive results in 1 - 3 weeks. It is not uncommon to see results after the first treatment.

7. How will I know its working

Take a picture before you begin using LED Light therapy so that you can compare the difference in the weeks following treatment.

8. Can I use creams, lotions and serums as well?

Yes, this is often a good strategy. Apply the lotion after the LED treatment, not before.

9. What does the RED LED light do?

Red light can penetrate tissues to a depth of 8 - 10mm. This greatly increasing the blood flow to the area of the body exposed to the light. This stimulates fibroblasts within the dermis to produce new collagen. Collagen is the protein responsible for reducing fine lines and wrinkles, whilst regenerating aged and sun damaged skin.

10. What does the BLUE LED light do?

Blue light is excellent for acne sufferers. It exhibits many anti bacterial properties. Blue light has a that is at exactly the correct frequency to kill the acne bacteria Propionbacterium. This is the primary form of bacteria that gives rise to acne outbreaks.

11. What does the GREEN LED light do?

Green light benefits those wishing to reduce hyper - pigmentation and sun damage. Green light has the ability to penetrate into the Basal Layer of the dermis to rejuvenate the Melanocytes.

12. What does the YELLOW LED light do?

Yellow light stimulates the increase in skin moisture content which results in the “filling out” of fine lines caused by lack of moisture in the skin from dehydration.

13. How long is a typical treatment?

Ideally you should thoroughly clean the area of skin to be treated, ensure there is no makeup, lotions or creams on the skin. Expose the area for between twenty to thirty minutes to the spectrum of light required for your particular treatment. Once a day is enough

14. Can the light damage my eyes?

Looking into any light source is not a good idea and should not be done. You can wear a blackout strip over your eyes to prevent accidental eye contact with the light.

15. What if I have more than one condition?

With the INTENSE –V Professional LED Therapy Light Source this is not a problem. Select the TOTAL menu option. This option applies all four colours in rotation Red-Green-Blue-Yellow at intervals of three seconds each for the duration of the selected treatment time.

16. Why does the INTENSE –V Professional have a selectable Power option?

You can set the light intensity to 100, 75, 50 or 25%. This enables one to fine-tune the amount of light that lands on the skin surface so that the penetration can be controlled more accurately. Some conditions require a specific colour light to be applied deeper than others.

17. Why does INTENSE –V Professional have selectable Frequency (Hz)?

You can adjust the Burst Rate of the applied light from 100Hz down to 10Hz. Note Hz stands for the measurement of frequency – Hertz. These bursts of light energy cause the light to penetrate deeper due to the excitation and subsequent vibration of the skin's tissues.

For example a Power setting of 100 and Hz of 10 (maximum) would provide a greater vibratory effect than would a setting of 25% Power and 100Hz (minimum) – this would be due to the effects on the tissues being targeted. **Caution:** Check if person being treated is adversely affected by low frequency light pulses before using any lower frequency treatment on them.

WARRANTY & COPYRIGHT

Specifications and details are subject to change without prior notice.

All brand names in this manual are the property of their respective owners

The information in this manual is based on the current version of the product. Refer to operation section of this manual for details.

No part of this manual may be used or reproduced in any form or stored in a database/retrieval system without the express permission of the manufacturer.

This product is guaranteed free from any faults for twelve months from date of purchase.

The light source is guaranteed for thirty six months from date of purchase – conditions apply.

Good returned for warranty attention must be returned in their original packaging and at the owner's expense. Cost of return to owner shall also be at the owner's expense.

All warranties shall be rendered null and void under the following circumstances:

- Any unauthorized repair or modification has been carried out
- Damaged through misuse, negligence, accident, insect or natural calamities
- Installed and or maintained incorrectly or otherwise than in accordance with the instructions provided
- Proof of date of purchase not provided

Goods returned for warranty will be repaired or replaced at the manufacturers discretion. If replaced, it may not necessarily be the same model.

The manufacturer of this equipment shall under no circumstance be liable for any consequential damages caused in relation to the use of this product. If not in agreement with this condition, do not use it, return it to the point of purchase.

This warranty extends ONLY to the original purchaser/end user and is not assignable or transferable to any subsequent purchaser/end users.

The manufacturer of this equipment reserves the right to amend the warranty conditions without further notice.

E&OE

7-1

Pay-As-You-Go

This feature is available only with software version 2.0.0 and higher, introduced in early 2014.

Pay-As-You-Go (PAYG) overview.

The Instrument can function in one of two ways, as **Locked** or **Unlocked**.

Permanently Unlocked: No restrictions, all functions operate without need for further attention. This applies to a LED instrument that has been purchased outright.

Locked (Vending mode): This is where **PAYG** applies. A user is supplied the instrument usually (conditions apply). The instrument is supplied loaded with 1 hour (approx) running time installed.

Upon using the instrument this initial free time decrements until it is used up, upon which the instrument will not function, and a message is displayed on the LCD screen advising that a **Top-Up** is required. In other words, the instrument is now **LOCKED**.

There are 3 Top-Up times (unlock key) available. They are 10 hours, 25 hours or 50 hours. After topping up, the instrument will operate for that amount of time.

The methods of topping up are:-

- a) Via the BioQuip website and PayPal
- or -
- b) Via an email request to our offices

The user can at any time view the amount of time left in the instrument, and can purchase Top-Up time in advance of the instrument running out of time. This is handy in that a treatment session might be underway when the time expires, and that the time then taken to obtain the **unlock key** would be an inconvenience to the client receiving treatment.

HOW IT WORKS:

All operations required to obtain the necessary codes and enter the unlock key are performed directly on the LED instrument via its LCD display and 5 push buttons.

Once the time has expired and the instrument no longer operates, a message is displayed on the LCD screen thus:

***** EXPIRED!*****
Time to Top-Up!

Press and hold the MENU button for approximately 4 seconds.

The LCD screen will display 2 pieces of information. Time left (zero in this case), and a **CODE**.

Example:

LCD Top Line : Time Left 0 0
LCD Bottom Line : **CODE:** FAE101145

This is the CODE that is required to Top-Up the instrument. Make a note of the code displayed on the LCD screen.

Topping Up:

This is a simple operation using the Internet.

Step 1:

Go to the website www.bioquip.com.au and select the **Top Up** button from the Menu on the left of the screen.

Once the Top-Up screen opens on the right, select the link **Purchase Top-Up Time** and click on it.

Three **PayPal** Top-Up buttons labelled **Pay Now** will be displayed. Choose the amount you want by clicking the appropriate **PayPal** button.

You will be directed to the PayPal site where you make payment. Once payment has been made, you will receive an email outlining the details of the transaction from **PayPal**. Make a note of the **Transaction ID** in the email.

Step 2:

Next go back to the BioQuip website and select **Top Up** from the menu again. Now you can fill out the 3 fields displayed.

- 1 – Enter the PayPal Transaction ID you received
- 2 – Enter the LED code displayed by LED instrument (see page 8-1 above)
- 3 – Enter your Email address
- 4 – Click the **GET KEY** button

Once the **GET KEY** button has been clicked, the new Unlock Key will be displayed on the website page, and an Email will be sent to you as well with the Unlock Key and a detailed description as to how to enter the **Unlock Key** into the **LED instrument**.

In the event that PAYG cannot be made via the internet, please contact our offices via email at info@bioquip.com.au where payment can be arranged and an unlock key issued.

How to Enter an Unlock Key

From the description above you will now have an unlock key available and need to insert it into the LED instrument to unlock it.

- 1) Press and hold the MENU button for about 4 seconds. The following appears:

LCD Top Line : Time Left 0 0
LCD Bottom Line : **CODE:** FAE101145 (or whatever your code is).

- 2) Press and hold the TIME button for about 1 second. The following appears:

LCD Top Line : Enter KEY value
LCD Bottom Line : **Insert::** _

This is where you will enter the unlock **KEY** using the **FREQ** and **POWER** buttons. The **FREQ** button will insert the values, the **POWER** button will move the cursor to the next position.

3) There are 16 possible digits that can be entered at any one position. They are 0 through 9 and letters A,B,C,D,E,F

Lets assume you need to insert the KEY value of FD5170309

The first character is the letter 'F'. Press and release the **FREQ** button 16 times. You will notice that on each press the value increments from 0 up until you reach the 'F'.

Now to insert the next character, the letter 'D'

Press the **POWER** button once and the cursor will advance to the next character position. Repeat as above using the **FREQ** button until the letter 'D' is displayed.

Repeat these steps until all the characters for the **Unlock Key** are inserted.

Upon completion after inserting the final character, press the **POWER** button once more to accept the Unlock Key as entered. A message "**DONE**" and "**Checking...**" will be displayed on the LCD screen.

If the Unlock Key was entered successfully then the message "**Will Start in 2 Seconds**" is displayed and the LED instrument will work.

4) You will notice that you can also press and hold the FREQ key and the characters will automatically scroll through 0-9 and A-F. This can save time when inserting values.

5) In the event that you enter an incorrect Unlock KEY, a message will be displayed informing you of the error. Simply start over by pressing and holding the MENU button again.

6) You can now check your Top-Up time credit in the instrument, as well as the next CODE that will be used for the next Top-Up, by pressing and holding the MENU button for approximately 4 seconds.

7) A new **Unlock Key** can **ONLY** be inserted once the current Top-Up time in the instrument has expired. Pressing and holding the TIME key will not permit entry to the Insert Key screen whilst running time is available in the instrument.

.

Other Functions

There are other useful functions, as follows:

Function 3 – Turn BEEP On

Press the MENU button. From any Program, select T=03 using the TIME button.

Now press the FREQ and POWER button together.

The LCD will display BEEPS turned ON

Press the MENU button once to return

Function 4 – Turn BEEPS Off

Press the MENU button. From any Program, select T=04 using the TIME button.

Now press the FREQ and POWER button together.

The LCD will display BEEPS turned OFF

Press the MENU button once to return

Function 5 – Clear the Usage meter

The usage meter can be viewed by pressing the MENU and TIME buttons together, MENU and FREQ buttons for unlocked unit.

The time used is displayed as Years/Months/Days/Hours/Minutes.
The clear this usage meter and reset it to zero, Press MENU, then T=5 then press FREQ and POWER buttons together.
A message "LEDS Usage Meter All Time Deleted" will appear.
Press the MENU button once to return

Function 6 – View instruments serial number

Press the MENU button. From any Program, select T=06 using the TIME button.
Now press the FREQ and POWER button together.
The serial number is displayed on the LCD.
Always use this serial number when corresponding with our office.
Press the MENU button once to return

Function 8 – View last CODE used

Press the MENU button. From any Program, select T=08 using the TIME button.
Now press the FREQ and POWER button together.
This is useful in the event of any uncertainty of Top-Ups used etc.
Press the MENU button once to return

Function 10 – View last Key entered

Press the MENU button. From any Program, select T=10 using the TIME button.
Now press the FREQ and POWER button together.
This is useful in the event of any uncertainty of Top-Ups used etc.
Press the MENU button once to return

Function 12 – View number of Free Top-Ups used

Press the MENU button. From any Program, select T=12 using the TIME button.
Now press the FREQ and POWER button together.
In certain circumstances a Free 1 hour Top-Up might be awarded. Up to three Free Top-Ups are permitted, thereafter the instrument will not accept any more.
Press the MENU button once to return

Outright Purchase

In the event that a customer wishes to purchase the PAYG LED instrument, then this is possible by supplying the customer with an **Unlock Key** that will permanently unlock the instrument, and that no further Top-Up is required. After entering the special Unlock Key the instrument will operate forever as unlocked.

To negotiate an outright purchase price, please contact our offices.

A **BioQuip** LED Instrument can be purchased outright from new in as an unlocked instrument.

In the event that any of the above is unclear, please contact our offices for assistance.

ADDENDUM

Version 1.6.0 and upward

Upon powering the instrument up, there are a number of warning prompts that will appear on the LCD screen.

These prompts have to be accepted before the instrument will operate. The prompts are provided to ensure that only suitably trained operators use the instrument.

Prompt message

Action to take

First prompt:

NOT FOR MEDICAL USE !!

Press the **MENU** button

Second prompt:

No use on people with Epilepsy !!

Press **TIME** button

Third prompt:

No use on Light sensitive skin !

Press **FREQ** button

Fourth prompt:

To be used only by trained staff

Press **POWER** button

After accepting these four warning prompts the machine is available to use.

Whenever power is removed and turned back on again, these four prompts have to be accepted.

Version 2.0.0 – PAYG vending option introduced