

PHOTOSONIX

PHOTOSONIX  
**Professional**

Owners Manual



PHOTOSONIX  
**Professional**  
**Made in the USA**  
microfirm inc.

Custom sessions by a professional  
Accurate 0-20 Volume control & setting  
Accurate 0-20 Intensity control & setting

CD quality (16 bit) sound  
Informative LCD display

Lithium Ion rechargeable 800mah capacity battery

USB port for charging & software upgrade  
downloads

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by microfirm inc., Signal Hill, California, USA.  
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# PHOTOSONIX

## Warranty Duration

Photosonix devices are warranted to the original consumer purchaser for a period of one year from the purchase date.

## Warranty

The Professional is constructed with high quality components, high standards of workmanship, and thoroughly tested before shipment. Nonetheless, failures are possible & warranty service may be required.

## Return Policy

Customer returns are subject to the seller's/retailer's terms and conditions. Please keep your receipt with the merchandise in original condition and contact the seller to arrange return to the original place of purchase.

## Service and Repair

For warranty service or repair request as well as the cost of non warranty repairs, please go to <http://www.photosonix.com/support/repair-request/> or contact us via email <[repairs@photosonix.com](mailto:repairs@photosonix.com)>

## More Battery information

The Professional comes with one AA Lithium Ion rechargeable battery with a capacity of 800mah, about 26 hours idle, six hours running sessions. The real time also depends on how bright you run the glasses (the glasses draw the most current).

A USB cord and wall plug (same as cell phone chargers) are included with the Lumina for recharging the battery. A low battery signal is built in the unit and alerts will display when the battery is nearing low power.

CHG Soon - will show at 10 minute intervals.  
CHG NOW! - will show at lower voltage as 2nd warning after which the unit will shut down.

The Professional will also work with the USB plug alone, without a battery. For more battery function info please see our web site.

Batt Low - shows battery power is too low to complete a session.

CHARGING - battery is now charging.  
Low Batt Charging - to improve charging speed, the Lumina will shut down in 10 seconds, to use it

press the  switch.

CHG DONE- charged, unplug charger (no harm if left connected).

ChUnFin- charger unplugged before charging completed/done.

This is OK, just a notification.

## Please read this first, It's important!

### A Welcome from PHOTOSONIX

Thank you for selecting the PHOTOSONIX Professional, a quality product with state of the art features, which will give many years of wellness exploration as you learn to use it to influence your mood, mental state, energy level, sleep and much more. Pulsating light and/or sound patterns have been used for thousands of years in almost all cultures to evoke emotional responses, from exciting a crowd to assisting in meditation to encouraging sleep. The techniques are part of folk knowledge, and science is now finding out why and how they work.

So, as you begin to use light and sound stimulation you are embarking on a voyage of personal discovery. We wish you a pleasant voyage.

Use of photosonic stimulation is completely safe for most people, no side effects are known, but they are not for everyone - please read the following:

## Caution and use

Use while seated or lying down. Be sure that *you* or *anyone* else who will use the Lumina are *not* subject to any form of epilepsy or visual photosensitivity, using a pacemaker, suffering heart disorders, currently taking stimulants, tranquilizers or psychotropic medications, alcohol or drugs. Even if you have never had a seizure, there is a small chance that you are photosensitive and this device, as many others, may cause one.

For more seizure information, see our web site at [www.photosonix.com](http://www.photosonix.com) and look up the Medical Disclaimer, Seizure links.

While using the machine, if you feel uncomfortable or bothered by the flashing lights, we strongly urge you to stop your session.

### Medical Disclaimer

No medical claims are made for Photosonix products, express or implied. The Photosonix products are *not* medical devices and should not be used for the relief of *any* medical condition.

Please consult with your practitioner prior to use for any other purpose as the device is not intended as a replacement for medical or psychological treatment.

## Battery information

### Battery protection

The circuit protects against reverse battery placement - a reverse battery cannot damage the circuitry in the device. The charging system will not attempt to charge a reversed battery, so the circuitry will not damage the battery. The device will run however with the charger connected but without charging the battery.

A 2Low2Chg alert will be given. 2Low2Chg - charger is plugged in, battery very low, battery is missing or reversed, could be wrong battery. Device will not charge but will run on charger power.

### Battery Replacement

Use a Rechargeable Lithium Ion battery **ONLY!**

The battery springs inside the Lumina conform to different climates, as most metal objects do. If constricted, please use a pen tip to lift the battery out. We advise the same for the battery door on the Lumina, if constricted, please use a dull knife or similar object to remove it, please avoid using sharp objects, you can damage the case and the battery door.

## Quick Start

To play a session

To turn the Professional on press the power  switch.

Press the UP/DOWN  switches to cycle thru the session choices.


To play a session press PLAY .




The Lumina will start a 10 second countdown before starting to play the session. Use this time to put the glasses and headphones on and get comfortable. Close your eyes, sit back and enjoy!

To pause a session Press PAUSE , to continue it press PLAY .

To end a session before completion press and hold  for 2 sec.

## Adjusting session time

The duration of the sessions in the Professional can be adjusted from 1/2 to 2 times the default time. A session may be run at 1/2 to 2 times its designed time. To change the time of a session press the back switch  during the 10 second countdown. The default session time will be displayed.

Press the up and down  switches to cycle through the choices, from 1/2 to 2 times the default time. Press PLAY  when done, the countdown will continue and the session will play according to your new setting. Or press  to play at the original/default time.

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We have for many years (and still do) worked with many dedicated professionals and supported research.

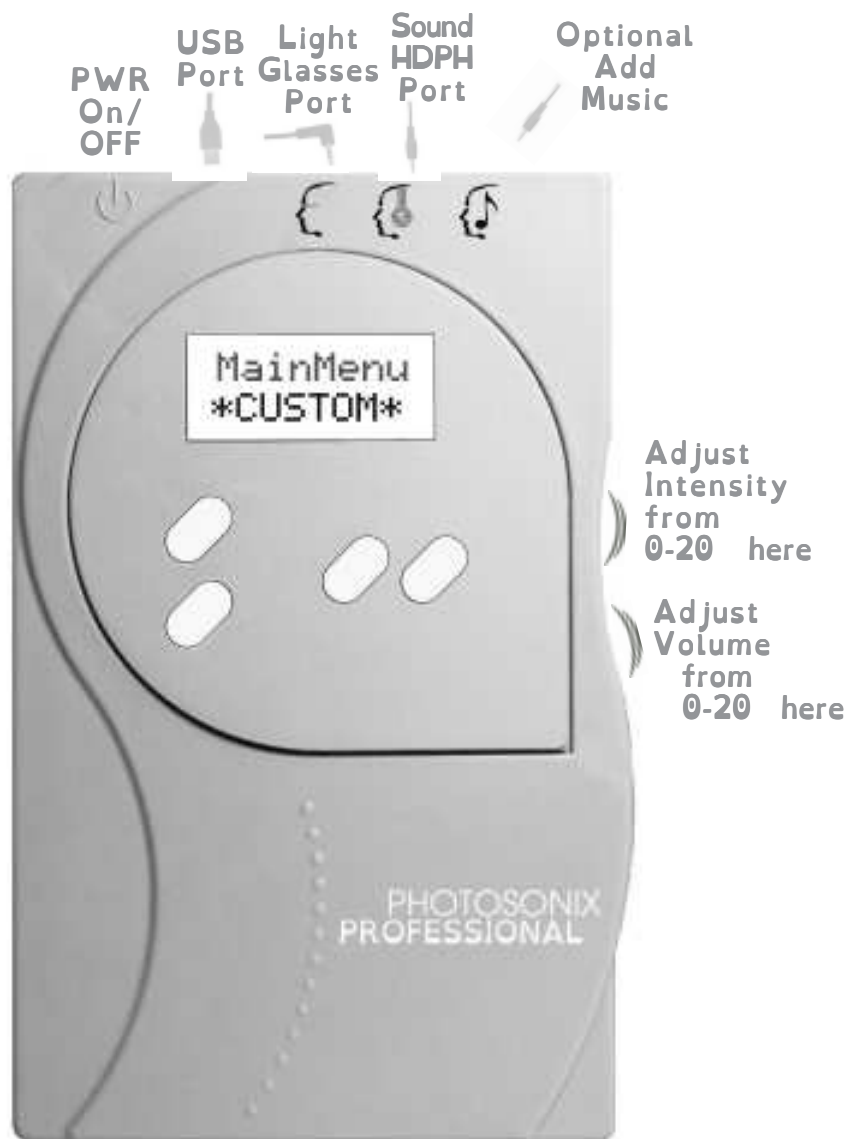
The Professional is a result of that experience. The Sessions in the Professional device are designed by a professional we work with.

PHOTOSONIX has verified that the sessions will operate as designed. PHOTOSONIX however is not a medical institution and we are thus unable to evaluate effectiveness. We hope you understand.

Speaking of research, we are pleased to say! Most portions of this Owners Manual feature the OpenDyslexic 3 type face. One can obtain the type face on line by donating to the Dyslexic Foundation which sponsored the Research design and implementation of the type face.

Future upgrades will be available. The use of the USB port to upgrade to future versions? ENDLESS!

## Professional 2.0 Interface Features



## Quick Start

Using the Professional is very easy. It really is. We do however, strongly suggest the following preparation before you get to the "easy" part. Do, please take extra care to read about the warnings inside the front cover, the warnings are there as important information, seriously aimed at informing and protecting you and your loved ones.

To set up  
Chose a comfortable, quiet, dark (or dimmed lights) sitting area.  
Connect the glasses and headphones to the Lumina.

Adjust the light intensity and sound volume level.

SessMenu Int 10	SessMenu Vol 12
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While playing a session and moving the volume and intensity thumbwheels up and down you can accurately set both volume and intensity from 0- 20.

Do stop at the level best suited to your comfort, brighter & louder is not better.