SensoSphere

For all models with APP control

USER'S MANUAL

Congratulations on your purchase.

You can now enjoy the beneficial effects of this Dynamic

Colour Light Therapy lamp.

CONTENTS OF BOX

- SensoSphere – all models SPH-12B
- AC Power Adapter (110-240VAC, 10W maximum)
- USER'S MANUAL

It is recommended that you keep this box for storage or any transportation, since it has been constructed to keep SensoSphere safe from damage in normal circumstances. We recommend that all users should provide a power surge protector bar, which is not included in pruchase.

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical furnishing, basic precautions should always be followed, including the following: Read all instructions before using SensoSphere.

DANGER – To reduce the risk of electric shock:
Always unplug SensoSphere from the electrical outlet before cleaning and when not using for an extended time period.

WARNING –To reduce the risk of burns, fire, electric shock, or injury to persons:

1. Close supervision is necessary when SensoSphere is used by, or near children, invalids, or disabled persons.
2. Use SensoSphere only for its intended use as described in these instructions.
3. Never operate SensoSphere if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return SensoSphere according to Warranty conditions and preapproved by supplier, for examination and quote for repairs.
4. Keep the power cord away from heated surfaces.
5. Do not remove the electronics center piece or remove the support base. Void of Warranty.
6. Do not use outdoors and in direct sunlight indoors.
7. Do not operate where aerosol (spray) products are being used or where oxygen is being administered.

IMPORTANT MAINTENANCE INFORMATION

The easiest and guaranteed method not to scratch or damage in any way the SensoSphere's PMMA globe during the cleaning process, is by simply washing with warm water. Use a microfiber cloth with a smooth surface (not a honeycomb or with evident discharge of fibers); just wet with water and squeeze out well (must remain slightly damp). Do not use any type of aggressive cleaning product containing ammonia or alcohol that can damage the diffuser surface. If the diffuser is very dirty or greasy and you cannot clean with only water, dilute mild soap (such as Marseilles soap) and then rinse, always with a microfiber cloth. Any halos that can be created after using soap and water are removed with ease by using a dry sponge (non-abrasive). If washing is carried out with demineralized water, allow the globe to dry without applying the sponge.

DECLARATION OF CONFORMITY

The SPH-12B has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules.

CE   The SPH-12B is in conformity with the European Council 2004/108/EC Directive for Electromagnetic Compatibility.

STARTUP INSTRUCTIONS

1. Gently hold the SensoSphere upside down to expose the bottom plate (see Figure 1). Fully insert the plug on the cable end of the supplied AC power adapter into the **Power Socket** on the base plate.

2. Put the SensoSphere on its four rubber feet. Make sure that it is resting firmly on the four feet to avoid any wobbling when touched. Adjust the height of any of the feet by rotating them if needed.

3. Connect the power adapter into an AC socket to turn On the SensoSphere.

Figure 1 – SensoSphere bottom plate

SELECTING THE THERAPY LIGHT MODE

The SensoSphere – Therapy Plus for clinics and Relaxation light models have seven different therapy modes. The 'SensoSphere – School' model only has three therapy modes for classrooms. Autism Behavior & Learning model has four modes. Senior Living model has six modes. The manual way of selection has two ways: with a short push of the **Push Button** under the base, or with the **Mode Light Selection** gesture described.

Each time you do so, the SensoSphere changes to the next Colour Mode. Each mode has its starting colour which lets you quickly identify which one is selected:

Balancing mode	→	Magenta
Relaxing mode	→	Turquoise
Energizing mode	→	Orange
Gamma mode	→	Indigo Blue
Evening mode	→	Green
NightLite mode	→	Amber
Monochrome mode	→	last selected Monochrome colour

TURNING THE SENSOSPHERE ON AND OFF

The SensoSphere automatically turns On when plugged in the AC power.

It can be turned Off in two ways: by pressing and holding the **Push Button** for 2 or 3 seconds, or for the (Therapy Plus and Relaxation models) with the **Turn Power Off** gesture described below.

To turn it back On, either briefly press the **Push Button** or (Therapy Plus and Relaxation models) use the **Turn Power On** gesture (put your hand on top of the globe for 2 or 3 seconds).

EXPAND THE POSSIBILITIES OF YOUR SENSOSPHERE WITH THE SENSOSPHERE APP

Available for free:

DOWNLOAD ON THE
App Store

GET IT ON
Google Play

SPECIAL COMMANDS

The Push Button can prompt special commands related to the use of the SensoSphere App:

Turn On / Off Bluetooth

To toggle Bluetooth activation, push and hold the Push Button for five seconds. The SensoSphere will flash **blue** if Bluetooth is On, or **green** if Bluetooth is Off. This setting is non-volatile and will persist even after the SensoSphere is powered off.

> *Note: the SensoSphere will stop responding to the SensoSphere App when Bluetooth is Off. The SensoSphere will remind you of this by flashing **green** whenever it is powered up.*

Password Reset

The SensoSphere App lets you set a password to prevent unauthorized control of your SensoSphere *(see OPTIONS screen below)*. If you forget this password, it is possible to reset communication in this way:

➢ Unplug the SensoSphere. Plug it back while pushing the Push Button and hold it for ten seconds. The SensoSphere will then flash **white** and reset the password to blank.

The password reset also reverts all SensoSphere settings to their default values.

THE SENSOSPHERE TECHNOLOGY

The SensoSphere is a lamp designed for coloured light therapy, also known as *chromotherapy*. Its technology originated from that used in the Sensora™, a professional multisensorial system created to facilitate a profound integrative therapeutic experience and used throughout the world as psychotherapeutic support. The SensoSphere makes the essential aspects of these benefits accessible to the general public, in a simple, easy to use version.

The active principle on which it originated is based and consists of a patented technique of light control known as *Light Modulation*, designed to emit soft light pulsations capable of interacting with diverse psychophysiological rhythms, such as brainwaves, the heartbeat or breathing. In the SensoSphere these light pulsations are generated by the synchronized action of 17 independent light sources, through the precise control of an internal microcomputer. The algorithms driving the light modulation are the result of more than thirty years of research in Canada by the team from Sensortech.

Expertly designed therapeutic Mood Lighting

The SensoSphere offers a choice of seven Colour Modes, each using combinations of colours, modulation frequencies, and light rhythms specifically programmed to induce the desired mood.

Unlike cheaper commonly available mood lighting devices, the SensoSphere implements sophisticated light pattern generation algorithms with graceful, ever-changing variations: it can be watched for hours on end without any tedious repetitions, always remaining surprising and engaging.

Music and Proximity Interactivity

Additionally, the SensoSphere features two types of interactivity: through sound and hand movements in proximity to the diffuser globe. Both modify the running colour patterns in lively and unpredictable ways. This is achieved by linking ambient sounds and your hand movements to various modulation parameters generating the light patterns, such as pulsation speed and depth, colour ranges, and colour movements. Ambient sounds and hand proximity inputs introduce variations that remain within the scope of properties specific to each Colour Mode. The result is a captivating synergy between the SensoSphere, its environment, and you.

Each type of interactivity can be selected either through the SensoSphere App (OPTIONS screen).

Long-lasting light

The SensoSphere is made from high-quality components and manufactured in Canada. Its built-in LED light sources to have a rated life time above 50,000 hours, ensuring many years of continuous operation. It does not contain any user-replaceable light bulb.

SENSOSPHERE THERAPY LIGHT MODES

Colour Mode #1: BALANCING – on all models

The Balancing mode is beneficial at any time of the day and is compatible with almost any mood, providing therapeutic aid for being depressed. It can also be used for general toning and harmonization or enjoy a beautiful ambiance of colours while inspiring your creative process.

This mode displays the full spectrum of rainbow colours in equal proportion. Subtle light vibrations focusing on the Earth's Schumann Resonance frequency of 7.83 Hz in the Theta brainwaves range intrigue and inspire creativity.

The Balancing mode starts with the colour magenta.

Colour Mode #2: RELAXING – on all models

The Relaxation mode is ideal when you feel stressed or tense and want to calm restless thoughts or emotions. This setting glows in slow, flowing rhythms that invite peace and serenity. This therapy mode can be left operational in a common area all day. It provides stress, chronic pain, and anxiety relief for all ages, including increased learning and creative energy.

For *Seniors*, consider using in combination with **Gamma** mode for an added cognitive boost. Many individuals prefer to have **Gamma** mode in operation all day, adjusted to their preference setting..

This mode centers on the "cool" colours, spanning the range of blue, turquoise, and green. These colours are known to soothe and calm down. They tend to reduce the pulse rate, blood pressure, and respiration rate. Delicate light pulsations in the Alpha brainwaves range (8-12 Hz) enhance the soothing and relaxing effect.

The Relaxing mode starts with the colour turquoise.

Colour Mode #3: ENERGIZING – on all models except Autism Behavior & Learning

Select the Energizing mode whenever you feel you need an energy boost, either physical or cerebral. This setting uses slightly faster rhythms, which stimulate the nervous system and gently help to uplift and wake you up. Try using it to boost your creativity and facilitate your mind's activity.

This mode is based on the "warm" colours ranging from red to orange to yellow, which are invigorating and mood cheering. They tend to increase the pulse and respiration rate, energizing you when you feel down or drained. It features modulations in the Beta brainwaves range (12-20 Hz).

The Energizing mode starts with the colour orange.

Colour Mode #4: GAMMA – on Seniors Life, Therapy Plus & Relaxation models

This mode uses the same entire spectrum colours as the Balancing mode, with the addition of light pulsations at the **Gamma** brainwave frequency of 40Hz. Gamma brainwaves function is still not fully understood, but they are generally associated with high levels of cognitive functioning. Ongoing research indicates that **Gamma** pulsations may improve cognitive functions, for example, in the case of Alzheimer's disease. Although the **Gamma** mode could be beneficial for seniors experiencing a decline in mental ability, it also can be enjoyed by everyone looking for a cognitive boost. Because the **Gamma** high frequency is less perceptible to our eye, the light pulsation level is higher in this mode. Some individuals prefer to have **Gamma** mode in operation all day, adjusted to their preference setting.

The Gamma mode starts with the colour indigo-blue.

Special Note: *For research and general information on Gamma brainwaves, visit our Website under **Mysteries of Gamma Brainwaves.***

Colour Mode #5: EVENING - on all models except School

This mode delicately lulls you towards a deep and restful sleep. Creating a soft and soothing mood, it can also be beneficial in case of insomnia.

It features slow colour transitions ranging from amber to turquoise, with some purple moments. It reduces the deep blue colour to levels low enough to avoid any potential **melatonin suppression effect**, known to be capable of disrupting our **circadian rhythm**. The Evening Mode integrates Delta brainwaves of deep sleep (1-4Hz).

The Evening mode starts with the colour green.

Colour Mode #6: NIGHTLITE – on all models except School

This mode focuses on a soft amber colour, with prolonged, nearly imperceptible variations. Designed to transform the **SensoSphere** into a night light, it eliminates any trace of the blue colour known to disrupt the circadian rhythm through its **suppression of melatonin**, our "**sleep hormone**." The NightLite mode has its brightness adjustment, separate from that of the other modes, which you will generally want to set to much lower levels for night use. The NightLite mode is ideal as a comforting lullaby of light for toddlers.

The NightLite mode starts with low-brightness colour amber.

 Apart from its **light modulation** Colour Modes, the **SensoSphere** also features a Monochrome mode allowing you to focus on a single colour of your choice. To select the Monochrome colour, use the **Monochrome Colour Selection** gesture described below or the **SensoSphere App**.
 The Monochrome mode starts with the last selected Monochrome colour.

SPECIAL MONOCHROME FEATURES of the SENSOSPHERE APP

The Monochrome mode normally displays a single static colour. However by activating the **Advanced Mode** feature of the **SensoSphere App** you gain access to additional Monochrome capabilities, including selecting pastel colours, setting a range of colour variations around the Monochrome colour, and embedding the brainwave of your choice in the light.

FEATURES ONLY AVAILABLE WITH OUR APP CONTROL

WAKE SCREEN

The Wake screen lets you activate a wake-up timer on the SensoSphere. Access it by clicking the **WAKE** icon at the bottom of the main screen. You can choose a wake up time at which the **SensoSphere** will transition to the wake-up colour mode of your choice.

DAY-WHITE

The **Day-White** colour mode is a special mode based on bluish white light, *similar* to the type used in bright-light therapy lamps to counter seasonal affective disorder (SAD) or just the "winter blues."

SLEEP SCREEN

The Sleep screen lets you activate a sleep timer on the SensoSphere. Access it by clicking the **SLEEP** icon at the bottom of the main screen. You can choose a sleep time at which the **SensoSphere** will transition to the sleep colour mode of your choice – including the option of turning Off for the night.

THE SENSOSPHERE HAND GESTURES INTERFACE

on Therapy Plus for clinics & Relaxation models

The SensoSphere is controlled through a few simple hand gestures, shown here.

> *Note: the hand gesture interface is disabled when the **Proximity Sense** function is turned Off in the SensoSphere App.*

Therapy Colour Mode Selection

The SensoSphere has seven Colour Modes. To switch to the next therapy Mode, swipe your hand twice (back and forth) over the globe's top, grazing within an inch of its pole. The dual swipe should be made within 1 to 3 seconds, not too fast nor too slow. The selected therapy Colour Mode can be identified by its initial colour:

Magenta for Balancing
Turquoise for Relaxing
Orange for Energizing
Indigo-Blue for Gamma
Green for Evening
Amber for Night Lite
Last Selected colour for Monochrome
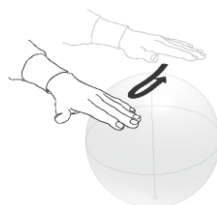
Light Intensity Control

Simultaneously place one hand over the globe's top and the other one over its equator, and hold for a couple of seconds. The SensoSphere will blink to indicate it is now in Command mode.

Holding the first hand on the globe's pole, slide your other hand by a couple of inches along the equator: a clockwise shift will decrease the light intensity while a counter-clockwise shift will increase it. Don't go too far on the decrease side. Otherwise, you will switch Off the SensoSphere *(see next section).*

Once you've found the desired intensity, swiftly remove your hands to release the Command mode. The SensoSphere will blink again to confirm Command mode is released.
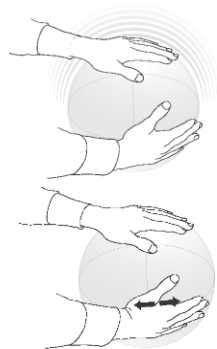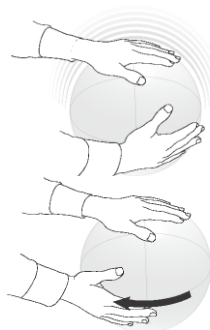
Turn Power Off/On

Simultaneously place one hand over the globe's top and the other one over its equator, and hold for a couple of seconds. The SensoSphere will blink to indicate it is now in Command mode.

Holding the first hand on the globe's pole, slide your other hand clockwise along the equator for about a quarter revolution. The SensoSphere will flash **green** and switch Off; you can now remove your hands.

To turn the SensoSphere back On, put your hand on its pole for a couple of seconds.

Monochrome Colour Selection

The SensoSphere's seventh Colour Mode, Monochrome, displays a single, static, colour. Colour Selection is only available in Monochrome Mode, as the other three Colour Modes automatically continuously cycle through their specific colour range.

To select any colour from the rainbow while in Monochrome Mode, place a single hand over the globe's equator and hold it for a couple of seconds. The SensoSphere will blink to indicate it is now in Command mode.

You can now slide hand by a couple of inches along the equator: a clockwise shift will cycle the colour down around the rainbow spectrum, while a counter-clockwise shift will cycle it upward. The colour cycling speed will increase as you slide your hand farther from the contact point.
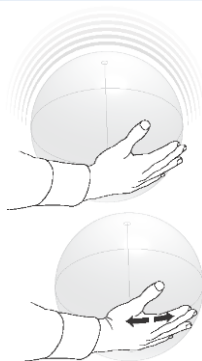
Once you've found the desired colour, swiftly remove your hand to release the Command mode. The SensoSphere will blink again to confirm Command mode is released.

Temporarily Turn Bluetooth Off / On

This gesture lets you temporarily toggle the SensoSphere's Bluetooth radio On or Off, facilitating the creation of an electromagnetic fields-free zone.

To toggle Bluetooth, hold one hand over the globe's equator and swipe your other hand twice (back and forth) over the globe's top, grazing within one inch of its pole. The double swipe should be made within 1 to 3 seconds (just as you would change the Colour mode).

The SensoSphere will flash **green** when Bluetooth is toggled Off, or flash **blue** when toggled On.

*Note: to turn On/Off Bluetooh in a non-volatile way, use the **Push Button** Special Command as described above.*

Touch Interaction

At any moment, you can interact with the SensoSphere's therapy mood lighting by bringing your hands close to its surface. The interaction starts around two inches from the globe's surface and increases as you move closer and touch it.

Touch sensitivity is maximal along the globe's **equator** and over its **pole**, with your palms facing the globe's surface.
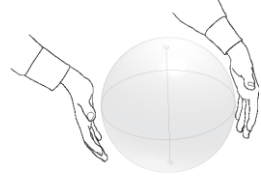
A video tutorial describing the SensoSphere hand gestures interface is available here : www.sensora.com/sensosphere-tutorial.html

THE SENSOSPHERE APP

The SensoSphere App is freely available for both iOS and Android mobile phones and tablets. Download the App from the **Apple App Store** (for iOS) or the **Google Play Store** (for Android), where you can easily find it with a search for key-word "sensosphere."

➢ The SensoSphere App requires Bluetooth Low Energy functionality (BLE or Bluetooth 4.0) to communicate with the SensoSphere. It will, therefore, only work on mobile devices compatible with Bluetooth 4.0. Most newer mobile devices have this capability.

➢ Make sure Bluetooth is activated on your mobile device.

➢ Before you can use the App, make sure that Bluetooth is activated on the SensoSphere by pressing the Push Button under its base for 5 seconds to toggle Bluetooth activation. A **blue** flash indicates that Bluetooth is On.

➢ When you first connect to your SensoSphere, you will be offered the option of giving it a short ID name (you can use 3 to 5 characters).

** Note that you can change or remove this name later on (see the Options screen below).

CONNECTION SCREEN

Once you launch the App it will automatically connect to your SensoSphere.

➢ If your mobile device cannot find a SensoSphere, it will display an error message. If you've disabled Bluetooth in the SensoSphere (see the Options screen below), restart it by pressing the push button under its base for 5 seconds to toggle Bluetooth On. Click the **Re-Scan** button in the App to connect.

Re-Scan

➢ If your mobile device finds more than one SensoSphere nearby, it will offer you a list of them. Each SensoSphere has its ID name. Click on the one you want to connect to.

➢ If you've defined a new password for your SensoSphere (see the Options screen below), you'll have to enter it before connecting. The App will automatically remember the password from then onwards.

➢ You can explore the App even if there is no SensoSphere nearby by clicking the **Touch here to start Bluetooth simulation mode** text.

HOW DOES THE SENSOSPHERE REMEMBER YOUR SETTINGS?

The SensoSphere App offers the possibility of controlling many new settings in your SensoSphere. The SensoSphere stores these settings in built-in non-volatile memory to preserve them even when the unit gets unplugged.

Here's how the SensoSphere manages your settings:

➢ Settings made in the Options, Wake and Sleep screens of the SensoSphere App are automatically saved in the SensoSphere's non-volatile memory and are thus persistent.

➢ Settings made in the Colour Mode screens are temporary: they will be reset to startup values whenever the SensoSphere gets unplugged. If you wish to make them persistent, you can do so with the **Store current SensoSphere settings as startup values** command available on the Options screen.

➢ As a security measure, Brainwaves Intensity settings (see **Advanced Options** below) are always reset to their normal values whenever the SensoSphere is turned Off.

➢ The Wake-Up and Sleep timer functions require setting the time-of-day. This is done each time you connect with the SensoSphere App: the SensoSphere automatically adopts the time-of-day of your mobile device. However, the SensoSphere has no built-in clock and will lose its time-of-day whenever it gets unplugged. After plugging it back, or after a power outage, **you should always make a connection with the SensoSphere App to reset time-of-day before you can use the Wake-Up and Sleep functions.**

INSTALLING THE SENSOSPHERE APP ON
ANDROID MOBILE DEVICES

Recent Android versions require you to authorize **localization assets** before enabling Bluetooth communication in your apps.

After installing the SENSOSPHERE APP on your Android mobile device, follow these steps (the exact procedure may vary depending on your device model):

- Open the **Settings** screen on your mobile device
- Select **Applications**
- Scroll the applications list until you find **SensoSphere**
- Scroll the application screen until you find **Permissions**
- Turn On the **Localization** permission

The SensoSphere App should now seamlessly communicate with your SensoSphere!

Colour mode screen is different for models Seniors Life, Autism Behavior & Learning, and School, reflecting only associated operation modes.

COLOUR MODE SCREEN
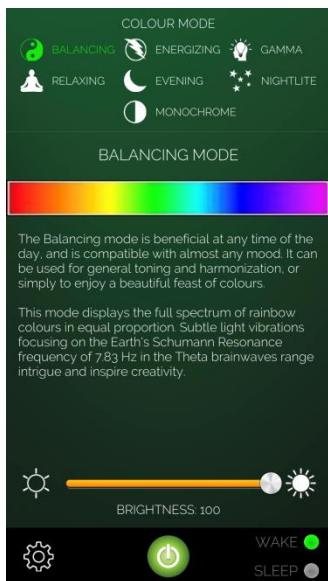
This is the main screen allowing you to select the therapy Colour Mode of the SensoSphere. It displays a short description of the mode, as well as a spectrum of the main colours used in the mode.

➢ Select the mode either by clicking on its icon (at the top of the screen) or by swiping the screen (left or right).

➢ Adjust the SensoSphere brightness with the **Brightness** slider near the bottom of the screen. The **Gamma** and **NightLite** modes have their independent **Brightness** setting.

➢ Turn the SensoSphere On or Off with the **Power** button at the bottom center of the screen.

➢ Icons at the bottom of the screen allow access to the OPTIONS screen (left side), the WAKE screen and the SLEEP screen (right side).

MONOCHROME MODE – (only available on Therapy Plus and Relaxation models)

The Monochrome mode displays a colour selector wheel from which you can choose the SensoSphere colour. The screen gives you a short description of the qualities commonly associated with each of the ten main colours.

WAKE SCREEN

The Wake screen lets you activate a wake-up timer on the SensoSphere. Access it by clicking the WAKE icon at the bottom of the main screen.

You can choose a wake up time at which the SensoSphere will transition to the wake-up colour mode of your choice.

The **Day-White** colour mode is a special mode based on bluish white light, similar to the type used in bright-light therapy lamps to counter seasonal affective disorder (SAD) or just the "winter blues."
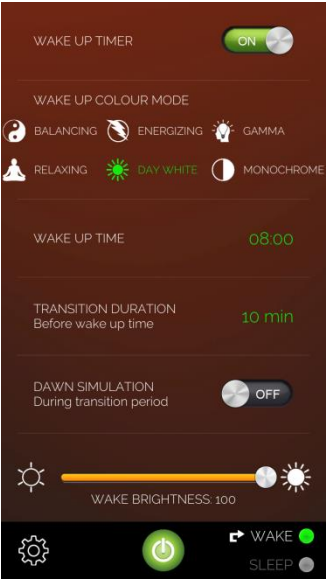
➢ Activate the **Wake Up Timer** with the On/Off switch at the top of the screen.

➢ Select the **Wake Up Colour Mode** from the offered icons. The SensoSphere will display the selected mode to facilitate your choice.

➢ Set the **Wake Up Time**.

➢ Set a **Transition Duration**, during which the SensoSphere will smoothly fade in from its previous state to the wake up brightness.

➢ If you activate the special **Dawn Simulation** function, for the transition duration the SensoSphere will display a gradual illumination featuring colours similar to those of the sunrise, from a reddish glow up to bright day-white light.

➢ Adjust the **Wake Brightness** with the slider near the bottom of the screen.

➢ Return to the main screen either by clicking the WAKE icon at the bottom of the screen, or by swiping the screen to the right

The colour of the WAKE icon dot (at the bottom of the screen) indicates the current status of the wake up timer:

⚫	Wake up timer Off
🟢	Wake up timer armed
🟢 *flashing*	Wake up timer triggered *(Wake up colour mode ongoing on the SensoSphere)*
🟡	Wake up timer has been interrupted *(you can restart it by clicking on the Wake Up Timer switch at the top of the WAKE screen)*

SLEEP SCREEN

The Sleep screen lets you activate a sleep timer on the SensoSphere. Access it by clicking the SLEEP icon at the bottom of the main screen.

You can choose a sleep time at which the SensoSphere will transition to the sleep colour mode of your choice – including the option of turning Off for the night.
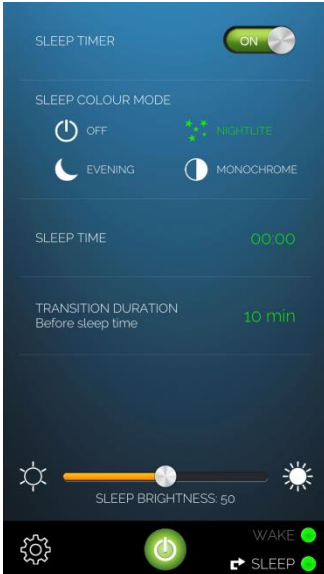
➢ Activate the **Sleep Timer** with the On/Off switch at the top of the screen.

➢ Select the **Sleep Colour Mode** from the offered icons (including the OFF mode, where the SensoSphere goes fully dark). The SensoSphere will display the selected mode to facilitate your choice.

➢ Set the **Sleep Time**.

➢ Set a **Transition Duration**, during which the SensoSphere will smoothly fade out from its previous state to the sleep brightness.

➢ Adjust the **Sleep Brightness** with the slider near the bottom of the screen (forced to 0 for the Off mode).

➢ Return to the main screen either by clicking the SLEEP icon at the bottom of the screen, or by swiping the screen to the right

The colour of the SLEEP icon dot (at the bottom of the screen) indicates the current status of the sleep timer:

⬤	Sleep timer Off
🟢	Sleep timer armed
🟢 *flashing*	Sleep timer triggered *(Sleep colour mode ongoing on the SensoSphere)*
🟡	Sleep timer has been interrupted *(you can restart it by clicking on the Sleep Timer switch at the top of the SLEEP screen)*

OPTIONS SCREEN

The Options screen lets you select some configuration options, both on the SensoSphere and for the App. Access it by touching the **Options** icon at the bottom-left of the main screen.
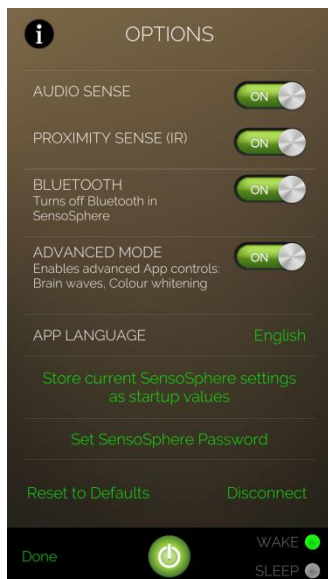
➢ The **Audio Sense** switch lets you turn On or Off on the audio interactivity in the SensoSphere.

➢ The **Proximity Sense** switch lets you turn On or Off the IR sensors that enable the SensoSphere's hand gestures interface. (only available on Therapy Plus and Relaxation models)

** These selections are non-volatile and will persist even after the SensoSphere is powered Off.

➢ The **Bluetooth** switch lets you turn Off the Bluetooth radio inside the SensoSphere. This can be useful to enable an electromagnetic field free zone. The SensoSphere will blink in red twice to indicate that its Bluetooth is Off.
Naturally, once Bluetooth is Off you will lose control of the SensoSphere from the App until you restart Bluetooth on the unit and reconnect.

➢ The **Advanced Mode** switch lets you enable some advanced functions in the SensoSphere; refer to the next section for details on these functions.

➢ Select the **App Language** according to your preference.

➢ **Store current SensoSphere settings as startup values** records all current settings (including the Colour Mode and Monochrome Colour) in the SensoSphere"s non-volatile memory.

** As a security measure Brainwaves Intensity settings (see Advanced Options below) are always reset to their normal values whenever the SensoSphere is turned Off.

➢ **Set SensoSphere Password** enables you to define a password to prevent unauthorized connection to your unit. To remove password protection, enter a blank password.

➢ **Reset to Defaults** will restore all settings of the SensoSphere to their default factory values; useful to bring the unit back to its original state.

➢ **Disconnect** will disconnect the Bluetooth link between the App and the SensoSphere, bringing you back to the Connection screen.

➢ The **Information** icon at the top-left opens a screen displaying information about the App (*App version*) and the connected SensoSphere (*Model, ID name, Firmware version, Bluetooth module version*).

** You can change the SensoSphere **ID name** by clicking on it and entering a new name with 3 to 5 characters. If you enter a blank name, the ID name will revert to a default ID number.

➢ Return to the main screen either by clicking **Done** at the bottom of the screen, or by swiping the screen to the left

ADVANCED MODE

The SensoSphere features a number of advanced options that can be enabled by turning On the **Advanced Mode** switch on the OPTIONS screen.
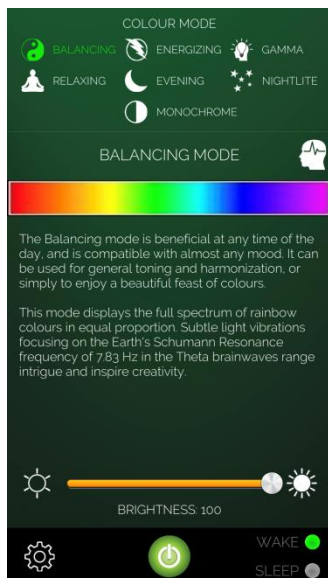
In the Advanced Mode, a new **Brainwaves** icon appears on each of the Colour Mode screens.
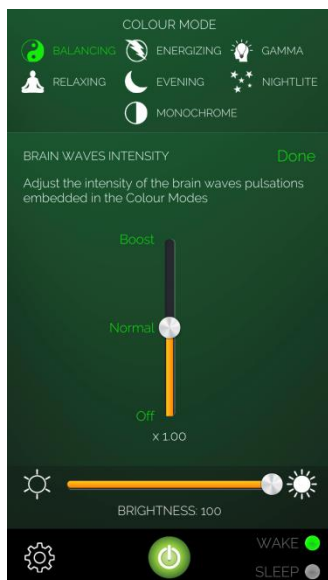
For the six light modulation Colour Modes, clicking the Brainwaves icon opens the **Brainwaves Intensity** panel, where you can adjust the intensity of the brainwaves pulsations embedded in the SensoSphere light.

➢ The slider lets you reduce the brainwaves intensity (all the way to zero), or increase it (up to double the normal intensity).

➢ Click **Done** or swipe down the panel to return to the Colour Mode screen.

   ** The Brainwaves Intensity always reverts to the normal setting when the Advanced Mode is turned Off, or when the SensoSphere is turned Off.
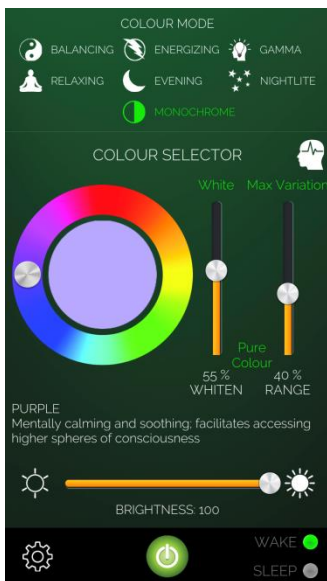
(only available on Therapy Plus and Relaxation models) In the Monochrome mode, two new sliders appear next to the Colour Selector wheel.

➤ The **Whiten** slider lets you reduce the colour saturation to produce pastel-like colours. Bringing it to maximum results in white light, with no trace of colouring left.

➤ The **Range** slider lets you introduce colour variations centered on the selected Monochrome colour. These variations enable the creation of beautiful Light Modulation patterns while remaining close to the colour of your choice.

➤ Click **Pure Colour** to zero both the Whiten and Range sliders and restore the pure Monochrome colour.

   ** The Whiten and Range options always revert to zero when the Advanced Mode is turned Off.
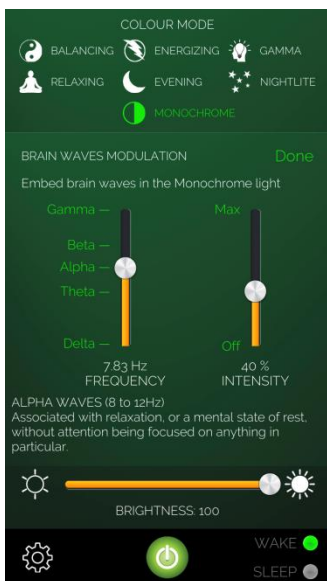
In the Monochrome mode, clicking the Brainwaves icon opens the **Brainwaves Modulation** panel, where you can embed brainwave pulsations in the monochrome light.

➤ The **Frequency** slider lets you set the brainwave frequency. A short description of each brainwaves range is displayed.

➤ The **Intensity** slider lets you adjust the intensity of the brainwave modulation. *Use the higher levels with caution (see warning below).*

   ** Intensity is boosted in the case of Gamma brainwaves, due to their high frequency being less perceptible to the eye.

➤ Click **Done** or swipe down the panel to return to the Colour Mode screen.

   ** The Brainwaves modulation in Monochrome mode always reverts to zero when the Advanced Mode is turned Off, or when the SensoSphere is turned Off.

WARNING: while the brainwaves modulation used in the Colour Modes of the SensoSphere are always safe, the Intensity slider in the Monochrome mode enables deeper pulsations when set to its maximum. Always exercise extreme caution when using strong light pulsation, as they can potentially induce epileptic seizures in people with photosensitivity.

DISCLAIMER

The SensoSphere in no way should be considered as a replacement for professional medical advice. Persons with neurological disorders susceptible to light-triggered migraines should not use the SensoSphere. All statements made by Demyk Lightmod Products Inc. are for information purposes only and are not intended to diagnose, treat, cure or prevent disease. If you have any medical condition, it is strongly suggested you consult with your physician of choice before using this product.

WARRANTY

Demyk Lightmod Products Inc. warrants that the product will be free of defects in material and workmanship which cause the product to fail to operate in accordance to instructions set forth in this user's manual. The warranty period is for one year from date of consumer purchase and is limited to the repair or replacement of this product only and does not extend to consequential or incremental damage related to the use of this product. This limited warranty only applies when the product has been properly handled, stored, transported, wired installed within electrical values and environment conditions provided in specifications. This limited warranty may not be used to repair, or replace this product which has become defective as result of any abuse, misuse, power surges or spikes, weather related events outdoors and corrosive environments or self-alterations or modifications made by unauthorized repair locations.

In case of "Warranty" service a pre-authorization number must be obtained from customer service after determination of defective product at the sole discretion of Demyk Lightmod Products Inc.

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For return authorization number and return details, please contact:
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