

SunRise Alarm™ Clock

(Programmable Model)

INSTRUCTION MANUAL

The SunRise Alarm Clock is a great way to wake up feeling more refreshed and ready to go. Humans are naturally adapted to wake to the rising sun and sleep when the sun goes down. Waking up to the SunRise Clock's simulated dawn can give your body a gentle and natural boost in the morning. Please take a few moments to read the directions to ensure you get off to a good start with your SunRise Alarm Clock.

Setting up the Sunrise Alarm Clock:

For best results, set the clock near your bed on a nightstand or bedside table close to pillow level. Plug the clock into a wall outlet. Do not use a power strip, surge protector, or long extension cord. NOTE: Until the time has been set, or after a prolonged power cut, the clock display will flash on and off to let you know the time needs to be set.

Before doing anything, you should familiarize yourself with the control buttons and the clock display. The words below the time display will show you what setting you are changing and what the current setting is. To adjust any setting, first make sure the ALARM button (marked "A") is pressed IN (off) so the Alarm Set sun symbol is not lit. Press the PROGRAM button a number of times then, *within the next few seconds*, change the setting by pressing the + or – button. (NOTE: after about 12 seconds, unless the + or – or PROGRAM button is pressed, the clock will revert to its normal state). Once you have completed a setting you can press the PROGRAM button again to adjust another setting. Once you are finished with the program settings, leave the clock alone for 12 seconds, and it will return to displaying the current time.

NOTE if the display is too dim to see, press the ALARM button IN and the display will become bright. This feature is explained in detail later in the instructions.

Setting the Time:

Make sure the ALARM ("A") button is pressed IN (off). Press the PROGRAM button twice so the display reads "TIME". Then within the next few seconds use + and – buttons to adjust the time. The time moves rapidly if the + or – button is held in.

Changing to a 24-Hour Display:

The clock defaults to a 12-hour display. To change to a 24-hour display, make sure the ALARM button is IN so the sun symbol is not lit, then press the PROGRAM button 3 times. Then within the next few seconds press the + or – button. The display will alternate between "24 HOUR" and "12 HOUR". Once the display has switched to "24 HOUR", release the buttons. To switch back to a 12-hour display, follow the same procedure. The "PM" symbol is only present in the 12-hour mode.

WAKE-UP SEQUENCE

Changing the Wake-Up Time:

Make sure the ALARM button is IN so the sun symbol is not lit then press the PROGRAM button once, so the Display reads "ALARM TIME". Then within the next few seconds adjust the alarm time with + and – buttons until desired time is set (Note: default alarm time is 7:00 a.m.). Holding in the + or – button will cause the time to change rapidly.

Setting the speed of the Wake-Up Sequence:

The SunRise Alarm Clock is preset for a 30 minute wake-up sequence, i.e. the light will reach full brightness gradually over 30 minutes. If you wish to change the wake-up sequence length, you can choose between 15, 30, 60, and 90 minutes. To alter the wake-up sequence length make sure the ALARM button is IN so the sun symbol is not lit then press the PROGRAM button 6 times so the Display reads "FADEUP" followed by a number. Within the next few seconds press the + or – button, and the Display will alternate between "FADEUP DEMO" (a special quick mode described under "Additional Features"), "FADEUP 30" (30 minute sunrise - this is the Default), "FADEUP 60" (60 minutes), "FADEUP 90" (90 minutes), and "FADEUP 15" (15 minutes).

Setting the Alarm On

Push ALARM button so it is OUT (on). The Display will show the Alarm Set Sun symbol (*) and the wake up time will be displayed for a few seconds. The light will slowly fade down (if on), or you can turn it out manually by pressing the – button. The display will normally go dim once the light level goes low; this is explained in detail in the section *Adjusting the brightness of the Clock Display*.

The Sunrise Wake-Up Sequence:

The light will begin to illuminate before your set wake-up time. Once the light has fully illuminated, and the wake-up time has been reached, the audible alarm will sound. The audible alarm begins with a quiet beep, and gradually intensifies to full volume over 30 seconds.

Using the “Snooze” feature:

To temporarily “snooze” the alarm, press the minus button while the alarm is beeping. The beeper will stop sounding and go off again in 9 minutes. If you would also like the Sunrise to begin again, then continue pressing the minus button until the light has gone all the way down. Then, over the next 9 minutes, the light will gradually brighten (this occurs at a quicker rate than originally as it is brightening over a shorter period of time) and finally the beeper will sound again.

Turning off the Alarm once awoken:

To turn off the alarm, push the ALARM button IN (off). The beeping will stop and the light will remain illuminated. If the alarm is not turned off manually, the beeper and light will automatically shut off after a while.

Disabling the Beeper:

The beeper is set “ON” at the factory - shown as the symbol)))). To disable the audible beeper that sounds at the end of the wake-up sequence, make sure the ALARM button is pushed IN (off). Press the PROGRAM button 4 times until the display reads "BEEP ON" or "BEEP OFF". Then within the next few seconds press the + or – button to alternate between the two. When the unit switches to BEEP ON, the beeper will sound twice and the))) symbol will show in the Display. When the unit switches to BEEP OFF, the unit will beep once and the))) symbol will no longer be displayed.

READING LAMP

Using the Adjustable Reading Light:

Press and hold the + button to turn the lamp up until it reaches the right level. To reduce the light level, press and hold the – button.

SUNDOWN SEQUENCE

Setting the speed of the Sundown Sequence:

Make sure the ALARM button is IN so the sun symbol is not lit. Then press the PROGRAM button 7 times so the Display reads "FADEDOWN" followed by a number. Within the next few seconds press the + or – button, and the display will alternate between "FADEDOWN15" (15 minute sundown), "FADEDOWN30" (30 minutes - this is the Default), "FADEDOWN60" (60 minutes), and "FADEDOWN90" (90 minutes). Once the desired sundown length is displayed, do not push any buttons, and the clock will return to its time setting in 12 seconds.

Activating the Sundown Sequence:

Manually turn the light on to the intensity from which you wish the sundown to start. Then push "OUT" (on) the Alarm button to begin the sundown. *NOTE:* If you wish to activate the sundown without activating the sunrise for the following morning, then make sure the ALARM button is IN (off). Then press both the + and – buttons simultaneously to begin the sundown.

Setting the Sundown Sequence to End as Nightlight:

This feature allows you to stop dimming the sundown when it reaches approximately 5% intensity, for use as a nightlight. Make sure the ALARM button is IN so the sun symbol is not lit then press the PROGRAM button 8 times so the Display reads "NITELITE OFF" or "NITELITE ON". Then within the next few seconds press the + or – buttons until the desired setting is displayed. At that point, do not push any buttons, and the clock will return to its time setting in 12 seconds.

ADDITIONAL FEATURES

Adjusting the Brightness of the Clock Display:

In the default DISPLAY AUTO setting, the brightness of the display is automatically at a high level during the day, but will switch to a lower level at nighttime so it does not disturb you while sleeping. The display will dim in this mode once the light dims down low when ALARM button is OUT (on), or you have activated the sundown mode, both indicating you are preparing to go to sleep. You can instead select DISPLAY HIGH so the display will always remain in the bright mode. To change the setting make sure the ALARM button is IN so the sun symbol is not lit then press the PROGRAM button 5 times and the Display reads "DISPLAY AUTO", which is the default setting. Within the next few seconds press the + or – button, and the Display changes to "DISPLAY HIGH".

Activating the Security Mode:

This mode is useful when you are away on vacation, or your house is empty, and you wish to give the appearance that someone is there. To turn on the

Security Mode, make sure the ALARM button is IN so the sun symbol is not lit then press the PROGRAM button 9 times so the Display reads "SECURITY OFF". Within the next few seconds press the + or – button and the Display will switch to "SECURITY ON" indicating that the security mode is activated. During the security mode, the clock will come on and off randomly between 4 p.m. and 11 p.m. When this function is set, and you've exited the programming mode, the main display will read "SECURITY". To exit the security mode upon your return, push any button and "SECURITY" will no longer be displayed.

Using the Demonstration Mode:

To set or cancel the Demo Mode, see the instructions headed "To set the speed of the wake-up sequence." Once activated, the Display should read "DEMO MODE". This sets the unit into high speed demonstration mode, so you can show it to a friend without having to wait 30 minutes for the full cycle. The reading lamp controls work in just the same way as normal. To demonstrate the sunset press the ALARM button OUT(set) as usual so the Alarm Set sun symbol lights up and the sunset will happen at a much faster rate than usual. Then to activate the demonstration sunrise press and hold the PROGRAM button and then press the + button.

***** Please Note:*** All programming settings are memorized by the clock even if the power goes out or the clock is unplugged. It will even keep track of the time if the power is out **for a short time**. If the power is off for more than several minutes, you may need to reprogram it.

PROGRAMMING TABLE

P Button PRESSES	DISPLAY RESULT (First setting in bold is the default)
1	ALARM TIME
2	TIME
3	12 HOUR > 24 HOUR
4	BEEP ON > BEEP OFF
5	DISPLAY AUTO > DISPLAY HIGH
6	FADEUP 30 > 60 > 90 > DEMO > 15
7	FADEDOWN 30 > 60 > 90 > 15
8	NITELITE OFF > NITELITE ON
9	SECURITY OFF > SECURITY ON

****IMPORTANT SAFETY INSTRUCTIONS****

- * Never remove the glass globe while the lamp is, or has recently been, operating. The bulb can be extremely hot.
- * As with any electrical product, do not immerse the clock/wire in water.
- * Don't use a bulb with more than the rated wattage **of 60 Watts.**
- * Do not remove the globe or bulb while the clock is plugged into the wall.

Troubleshooting:

Problem: The light will not come on, but the clock still works.

Solution: Check to be sure the bulb is fully screwed into the socket. If that fails the bulb may be burned out, try replacing the bulb (see below).

Problem: Neither the light nor the clock work.

Solution: Unplug the clock from the wall for several seconds and replug it in. (Note: by holding in the PROGRAM button while doing this, you can have all the default settings restored). Sometimes the clock's computer chip picks up static electricity and resetting it removes the static. Reprogram any options you normally use.

Service:

If your Sunrise Alarm Clock is not operating properly, please contact BioBrite via email at Biobrite @aol.com or by phone at (301) 961-5940.

If the product requires servicing, please ship it to the address below. Please remove and keep the glass globe and bulb so they do not break in shipping, and include a note with your address, phone number, and a clear description of the problem.

BioBrite Service Department
c/o Saville Electronics
2613 Joppa Terrace
Baltimore, MD 21234

Replacing the Bulb:

To replace the bulb (use only a 60W bulb):

- 1) Unplug the clock from the wall and remove the glass globe from the clock by carefully pulling upward.

- 2) Unscrew the bulb. ***Caution: If the bulb was recently in use, it will be hot - let the lamp cool before removing the bulb.**
- 3) Screw in the new bulb completely. Carefully put the globe back on by lowering over the bulb and making sure it catches on the latches in the base.
- 4) Plug in the clock, re-set the time if necessary.

Replacement bulbs are available in stores (ask for a 110 Volt 60 Watt frosted candelabra bulb with small screw base).