



INSTALLATION MANUAL

# Source 60 & 180

## The Source 60 & Source 180

The Source is BOLD's standard low-voltage transformer. It is available in 60VA and 180VA. Integrated directly into the transformer is a day photocell and an astronomical clock.

The settings can be adjusted via the control panel on the front of the transformer, allowing for customization through the 4 embedded modes: **Manual On/Off, Timer, Auto, and Astro Mode.**

On

This turns the power supply on and leaves it on. The lights will stay on until another mode is selected.

Off

This turns the power supply off and leaves it off. The lights will stay off until another mode is selected.

Auto

The Auto Mode utilizes the photocell built into the front of the transformer. The lights will turn on when the transformer detects that it is starting to get dark outside and stay on for a set number of hours.

Timer

The Timer Mode allows you to schedule a time when you want your lights to turn on and a set a time for when you want them to turn off (the time must be set for this mode to work properly).

Astro

The Astro Mode turns the system and lights on and off according to the sunrise/sunset time (the location must be set for this mode to work properly).

# How to Set Up the Source 60 & Source 180

Once the transformer is installed, you need to set the date, time, and location. Because this is a standard transformer (not controlled via Bluetooth or Wifi), this manual process ensures that your transformer behaves accordingly to the mode you set it to.

## How to set up the date/time:

*Note: It sets the day first, then month, then year, then time.*

### Steps

1. Press the MENU and DOWN button at the same time
2. The first digit on the date will start flashing
3. Use the UP and DOWN arrows to increase/decrease the digit
4. Hit ENTER once you've found the digit you want
5. Repeat steps 3 and 4 for all the digits to set the proper date
6. Once you have all the digits of the date set, press ENTER
7. The first digit on the time will start flashing
8. Use the UP and DOWN arrows to increase/decrease the digit  

Note: the Source transformers utilize a 24-hr clock
9. Hit ENTER once you've found the digit you want
10. Repeat steps 8 and 9 for all the digits to set the proper time
11. Press ENTER
12. Once the numbers stop flashing, the date/time has been set

## To set the location:

### Steps

1. Press the UP and ENTER button at the same time
2. The location number will start flashing
3. Use the UP and DOWN buttons select the proper location code (see: Location Code page) based on the closest major city to you
4. Press ENTER
5. Once the number stops flashing, the location has been set

# How to Use Manual On/Off Mode

## On Mode

*On Mode means that the lights are on and will stay on.*

### Steps

1. Press MENU
2. The modes will appear in boxes on the left side of the screen
3. Press MENU repeatedly to navigate to ON
4. The transformer will now stay ON until another setting is selected

Note: ON Mode will override any other modes or timers that have been set up

## Off Mode

*Off Mode means that the lights are off and will stay off.*

### Steps

1. Press MENU
2. The modes will appear in boxes on the left side of the screen
3. Press MENU repeatedly to navigate to OFF
4. The transformer will now stay OFF until another setting is selected

Note: OFF Mode will override any other modes or timers that have been set up

# How to Use Auto Mode

Auto-Mode utilizes the built-in photocell on the front of the transformer to turn the lights on at sunset and off at sunrise. Note: the transformer must be placed where the photocell can accurately detect daylight for this mode to work accurately.

## Auto Mode

*Auto Mode means that the lights will turn on and off at sunset and sunrise.*

### Steps

1. Press MENU
2. The modes will appear in boxes on the left side of the screen
3. Press MENU repeatedly to navigate to AUTO
4. The transformer will turn on when the sun sets and off when the sun rises

# How to Use Timer Mode

Timer-mode allows you to set the exact time you want the lights to turn on and the exact time you want them to turn off. Note: the current time must be set on the transformer in order for this setting to work accurately (see: How to set the date/time).

## Timer Mode

*Timer Mode means that the lights will turn on and off at the exact time you set.*

### Steps

1. Press MENU
2. The modes will appear in boxes on the left side of the screen
3. Press MENU repeatedly to navigate to TIMER
4. Press ENTER
5. START TIME will appear on the left side of the screen and the first set of digits will start flashing
6. Use the UP and DOWN arrows to set the hour  

Reminder: the Source transformer utilizes at 24hr clock
7. Press ENTER
8. Use the UP and DOWN arrows to set the first digit of the minutes
9. Press ENTER
10. Use the UP and DOWN arrows to set the second digit of the minutes
11. Press ENTER
12. END TIME will appear on the left side of the screen and the first set of digits will start flashing
13. Repeat steps 6-11
14. The transformer will now turn on at the set start time and off and the set end time.

Note: the transformer will only turn on when the start time matches the current time. For example: if you set the start time to 20:00 but it is currently 21:00, it will be 23hrs before the routine runs and turns the transformer on.

# How to Use Astro Mode

The Astro Mode turns the lights on and off according to the local sunrise and sunset time (the time the lights turn on can be adjusted +/- one hour). Note: the proper location code must be select in order for this mode to work accurately (see: How set the location)

## Astro Mode

*Astro Mode means that the lights will turn on and off according to the local sunrise and sunset time.*

## Steps

1. Press MENU
2. The modes will appear in boxes on the left side of the screen
3. Press MENU repeatedly to navigate to ASTRO

*See next page for additional steps if you want the lights to turn on/off slightly before/after sunrise and/or sunset*

Continued

## How to Use Astro Mode - Customize Light Settings

Optional (if you want the lights to turn on/off slightly **before** sunrise and/or sunset)

### Steps

1. Press MENU
2. The modes will appear in boxes on the left side of the screen
3. Press MENU repeatedly to navigate to ASTRO
4. Press ENTER
5. A small sunset icon will appear in the bottom left corner of the screen
6. This indicates that you are adjusting the time for when your lights will turn on at sunset
7. At the same time, a “- -” or a “+ +” sign will flash in the digits area
8. Use the UP or DOWN button to change the digits to be the “- -” sign
9. This indicates that you are adjusting how many minutes you would like the transformer to come on before sunset
10. This function is capped at +/- 59 minutes. If you would like to customize the time further, we recommend using the Timer Mode
11. Press ENTER
12. Use the UP and DOWN arrows to select the first digit of how many minutes before sunset you would like the lights to come on
13. Press ENTER
14. Use the UP and DOWN arrows to select the second digit of how many minutes before sunset you would like the lights to come on
15. Press ENTER
16. A small sunrise icon will appear in the bottom left corner of the screen
17. This indicates that you are adjusting the time for when your lights will turn off at sunrise
18. At the same time, a “- -” or a “+ +” sign will flash in the digits area
19. Use the UP or DOWN button to change the digits to be the “- -” sign
20. This indicates that you are adjusting how many minutes you would like the transformer to turn off before sunrise
21. This function is capped at +/- 59 minutes. If you would like to customize the time further, we recommend using the Timer Mode
22. Press ENTER
23. Use the UP and DOWN arrows to select the first digit of how many minutes before sunrise you would like the lights to turn off
24. Press ENTER
25. Use the UP and DOWN arrows to select the second digit of how many minutes before sunrise you would like the lights to turn off
26. Press ENTER

Continued

## How to Use Astro Mode - Customize Light Settings

Optional (if you want the lights to turn on/off slightly **after** sunrise and/or sunset)

### Steps

1. Press MENU
2. The modes will appear in boxes on the left side of the screen
3. Press MENU repeatedly to navigate to ASTRO
4. Press ENTER
5. A small sunset icon will appear in the bottom left corner of the screen
6. This indicates that you are adjusting the time for when your lights will turn on at sunset
7. At the same time, a “- -” or a “+ +” sign will flash in the digits area
8. Use the UP or DOWN button to change the digits to be the “+ +” sign
9. This indicates that you are adjusting how many minutes you would like the transformer to come on after sunset
10. This function is capped at +/- 59 minutes. If you would like to customize the time further, we recommend using the Timer Mode
11. Press ENTER
12. Use the UP and DOWN arrows to select the first digit of how many minutes after sunset you would like the lights to come on
13. Press ENTER
14. Use the UP and DOWN arrows to select the second digit of how many minutes after sunset you would like the lights to come on
15. Press ENTER
16. A small sunrise icon will appear in the bottom left corner of the screen
17. This indicates that you are adjusting the time for when your lights will turn off at sunrise
18. At the same time, a “- -” or a “+ +” sign will flash in the digits area
19. Use the UP or DOWN button to change the digits to be the “+ +” sign
20. This indicates that you are adjusting how many minutes you would like the transformer to turn off after sunrise
21. This function is capped at +/- 59 minutes. If you would like to customize the time further, we recommend using the Timer Mode
22. Press ENTER
23. Use the UP and DOWN arrows to select the first digit of how many minutes after sunrise you would like the lights to turn off
24. Press ENTER
25. Use the UP and DOWN arrows to select the second digit of how many minutes after sunrise you would like the lights to turn off
26. Press ENTER
27. Once all the digits have stopped flashing, your +/- time before/after sunset/sunrise has been set

Note: if you do not want to add or subtract additional time before/after sunrise or sunset, ensure that your “- -” and/or “+ +” is set to 00.

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## Location Codes



### **Canada**

Vancouver: 01  
Toronto: 02  
Montreal: 03  
Edmonton: 04  
Regina: 05  
Winnipeg: 06  
Thunder Bay: 07  
Halifax: 08  
St John's: 09  
Ottawa: 10



### **USA**

New York City: 11  
Los Angeles: 12  
Portland: 13  
Phoenix: 14  
Denver: 15  
Dallas: 16  
Minneapolis: 17  
Chicago: 18  
Atlanta: 19  
Nashville: 20  
Tampa Bay: 21  
Miami: 22  
Detroit: 23

IMMEDIATE SUPPORT

# Have any questions?

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