User Guide

Yearly Programmer

SKU: B3BYPZZZZ

Contents

Care for the Environment

When you have finished using this product, please dispose of it responsibly. We would suggest using your local household recycling and waste treatment facility. In particular, the product should be disposed of at a collection point for electrical and electronic equipment or returned to us for disposal.
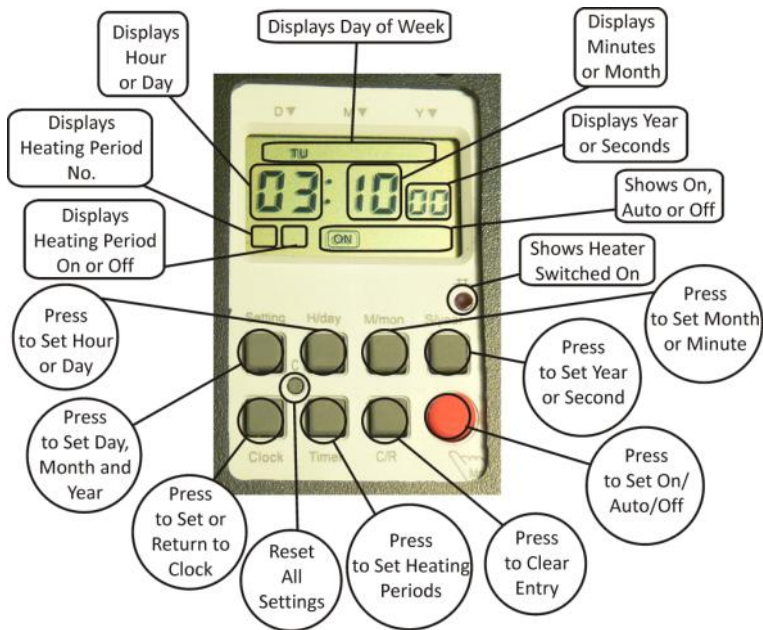
1. Introduction

Thank you for purchasing one of the Nestbox Company's family of products. The Yearly Programmer extends the capability of our Heated Bat Boxes to enable them to automatically switch on and off on the same dates every year, as set by the user. We hope it will provide many years of successful use.

2. The Control Panel

The use of the buttons and the display are summarised here:

3. Preparation for Use

3.1 Connection of Unit

The unit should be connected between the Temperature Controller and Bat Box of the Heated Bat Box.

Fit the connector at the end of the short wire coming out of the Yearly Programmer into the matching socket on the Temperature Controller and secure by screwing in the outer blue ring.

Fit the connector at the end of the cable going to the bat box into the matching socket on the left hand side of the Yearly Programmer.

3.2 Set the Current Date and Time

1. Press and hold "Clock", and whilst still holding it, with repeated clicks of the "H/day" button, set the hour of the current time.

2. Continue holding the "Clock" button, and with repeated clicks of the "M/mon" button, set the minutes of the current time.

3. Continue holding the "Clock" button, and with repeated clicks of the "S/year" button set the seconds of the current time.

4. Release the "Clock" button and click the "Setting" button.

5. With repeated clicks of the "H/day" button, set the current day of the month.

6. With repeated clicks of the "M/mon" button, set the current month of the year.

7. With repeated clicks of the "S/year" button, set the current year.

8. Press and release "Clock" .

9. The display should now display the current day of the week and the current time.

3.3 Set Dates for Heating Periods

Switching always occurs at 00.01 hrs.

Each heating period consists of an "ON" event followed by an "OFF" event. Once in operation, the heating system will switch on at the beginning of the heating period, and remain on for the duration of the heating period, with the actual heater under the control of the Temperature Controller. Up to 16 heating periods with different dates can be programmed into the Yearly Programmer, although most applications only require 1 heating period (typically to keep the bat box heated from a date in April to one in October).

1. Click the "Timer" button. The display shows period "1" and "ON".

2. Using repeated clicks of the "M/mon"" button, set the month for the heater to come on for this heating period.

3. Using repeated clicks of the "H/day" button, set the day of the month for the heater to come on for this heating period.

4. Click the "Timer" button. The display shows period "1" and "OFF".

5. Using repeated clicks of the "M/mon"" button, set the month for the heater to switch off for this heating period.

6. Using repeated clicks of the "H/day" button, set the day of the month for the heater to switch off for this heating period.

7. If you wish to set more heating periods, repeat this procedure for further heating periods, up to a maximum of 16 periods in the year.

8. Press and release "Clock" to return to operating mode.

Please note the following points whilst setting:

1. Every heating period must have both an on date and an off date.
2. Any heating periods not in use should show "—:—".
3. If you have more than 1 heating period, they should follow on in order through the year (which starts in January).
4. Ensure that the heating periods don't overlap.

To delete the setting for an on or off date, click "C/R".

To delete all the settings and revert to factory settings, use a ball point pen or similar to press the reset button.

4. Operational Use

The unit will automatically switch to operational use if no buttons are pressed for approx 40 seconds, or if the "Clock" button is pressed and released.

Repeated clicks of the red button will switch between "ON" (ie heating system permanently on), "AUTO" (ie heating system switched on and off under control of this Yearly Programmer) and "OFF" (ie heating system permanently switched off).

During operational running, the red light near the bottom right hand corner of the display will light up to indicate that the heater element in the bat box is switched on.

5. Service and Maintenance

We recommend that this unit is checked at least once a year to make sure it is operating correctly.

There are no user-serviceable parts inside the Yearly Programmer, so it should not be opened as it contains live electrical parts which could be dangerous.

The settings for the unit are retained by the Yearly Programmer's electronics, which include a small, permanently fixed, internal battery. This is designed to retain the settings for several years. As all batteries have a finite life, we recommend that the unit should be returned to us for battery replacement, at least every 3 years.

Although the unit retains its settings, it draws its power for switching (and for the red indicator light) from the Temperature Controller. If mains power to the Temperature Controller is interrupted or switched off, the heater will not come on.

6. Safety Precautions

This product operates on mains voltage, which can be dangerous, and high voltages are present in the Bat Box, the Temperature Controller, the Yearly Controller and all the power connectors and cables.

Although there are safety features to protect users, do not use the product if it becomes damaged or waterlogged. Please observe the following precautions when using this product:

- Switch the power off when running cables or connecting/disconnecting the Yearly Programmer.
- Do not try to open the Yearly Programmer - there are no serviceable parts inside.
- Do not use the Yearly Programmer outside or in damp conditions.
- Ensure the outer sheath of the cable and power cord are not showing any visible signs of damage.
- Do not poke anything into the connectors.

This product is protected by the fuse of the Temperature Controller. If you need to replace the fuse (located in the mains plug) it should be replaced by a fuse rated at 3 Amps.

8. Specifications, Warranty etc

The specifications of the product described and the contents of this User Guide are subject to change without notice, as part of our continuous improvement process.

Whilst every care has been taken in the preparation of this document, we realise that it may still be possible to improve it. If you find any errors, omissions or points which are not clear, please let us know by email at mail@nestbox.co.uk. We will endeavour to deal with the problem to your satisfaction, and learn from it for future versions.

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