



MYSON ES1247B 1 Channel Multi Purpose Programmer Instruction Manual

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MYSON ES1247B 1 Channel Multi Purpose Programmer



Product Information

Specifications

- **Power Supply:** AC mains supply
- **Clock:**
 - **BST/GMT Time Change:** Yes
 - **Clock Accuracy:** Not specified
- **Programme:**
 - **Cycle Programme:** Not specified
 - **ON/OFFS per day:** Not specified
 - **Programme Selection:** Yes
 - **Programme Override:** Yes
- **Heating System Complies:** EN60730-1, EN60730-2.7, EMC Directive 2014/30/EU, LVD Directive 2014/35/EU

FAQ

Q: What are the safety instructions for installation?

A: It is essential to earth the metal surface if the unit is fitted to it. Do not use a surface mounting box. Always isolate the AC mains supply before installing. The product must be fitted by a qualified person, and installation must comply with the guidance provided in the current editions of BS767 (IEE wiring regulations) and part P of the building regulations.

Q: How do I set the landlord service interval?

A: To set the landlord service interval, follow these steps:

1. Switch the slider to RUN.
2. Press Home, Copy and the + buttons together to enter the landlord settings. A numeric password will be required to enter these settings. Note that only when the code entered matches either the pre-set or master code can the landlord settings be entered. The factory default code is 0000.
3. Use the + and – buttons to turn the landlord functions on/off. There are three options available:
 - **0:** Reminds the user when the annual service is due by alternating between displaying SER and the maintenance telephone number in the screen according to installer set settings.
 - **1:** Reminds the user when the annual service is due by alternating between displaying SER and the maintenance telephone number in the screen according to installer set settings and only allows the system to run in manual operation for 60 minutes.
 - **2:** Reminds the user when the annual service is due by alternating between displaying SER and the maintenance telephone number in the screen according to installer set settings and does not allow the system to run (permanently OFF).
4. Press the Home button or wait for 15 seconds to automatically confirm and return to Run Mode.

Product Installation Instructions

Installation Safety Instructions

If the unit is fitted to a metal surface, IT IS ESSENTIAL that the metal be earthed. DO NOT use a surface mounting box.

Maintenance

Always isolate the mains supply before commencing any work, servicing or maintenance on the system. And please read all instructions before proceeding. Arrange for an annual maintenance and inspection schedule to be carried out by a qualified person on every part of the heating and hot water system.

Safety Notice

WARNING: Always isolate the AC mains supply before installing. this product must be fitted by a qualified person, and installation must comply with the guidance provided in the current editions of BS767 (IEE wiring regulations) and part P of the building regulations.

Setting the Landlord Service Interval

1. Switch the slider to RUN.
2. Press Home, Copy and the + buttons together to enter the landlord settings. A numeric password will be required to enter these settings.
 - **Note:** Only when the code entered matches either the pre-set or master code can the landlord settings be entered. The factory default code is 0000.
3. Use the + and – buttons to turn the landlord functions on/off.
 - **0:** Reminds the user when the annual service is due by alternating between displaying SER and the maintenance telephone number in the screen according to installer set settings.
 - **1:** Reminds the user when the annual service is due by alternating between displaying SER and the maintenance telephone number in the screen according to installer set settings and only allows the

system to run in manual operation for 60 minutes.

- **2:** Reminds the user when the annual service is due by alternating between displaying SER and the maintenance telephone number in the screen according to installer set settings and does not allow the system to run (permanently OFF).

4. Press the Home button or wait for 15 seconds to automatically confirm and return to Run Mode.

Fitting the Back Plate

1. Position the wall-plate (terminals along top edge) with 60mm (min) clearance to its right, 25mm (min) above, 90mm (min) below. Ensure that the supporting surface will fully cover the back of the programmer.
2. Offer the back plate to the wall in the position where the programmer is to be mounted, remembering that the back plate fits to the left side of the programmer. Mark the fixing positions through the slots in the back plate, drill and plug wall, then secure back plate in position.

Thank you

Thank you for choosing Myson Controls.

All our products are tested in the UK so we are confident this product will reach you in perfect condition and give you many years of service.

Technical data

Power Supply	230V AC, 50Hz
Operating Temperature	0°C to 35°C
Swith Rating	230V AC, 6(2) A SPDT
Battery Type	Lithium Cell CR2032
Enclosure Protection	IP30
Plastics	Thermolatic, flame retardant
Insulation Class	Double
Wiring	For fixed wiring only
Back Plate	Industry standard
Dimensions	140mm(L) x 90mm(H) x 30mm(D)
Clock	12 hour am/pm, 1 minute resolution
BST/GMT Time Change	Automatic
Clock Accuracy	+/- 1 sec/day
Programme Cycle	24hr, 5/2 Day or 7 Day selectable
Programme ON/OFFS per day	2 ON/OFF, or 3 ON/OFF selectable
Programme Selection	Auto, ON, All Day, OFF
Programme Override	+1, +2, +3Hr and/or Advance
Heating System	Pumped
Complies	EN60730-1, EN60730-2.7, EMC Directive 2014/30EU, LVD Directive 2014/35/EU

Installation Safety Instructions

- The unit must be installed by a suitably qualified person in accordance with the latest IEE Wiring Regulations.
- Isolate mains supply before commencing installation. Please read all instructions before proceeding.
- Ensure that the fixed wiring connections to the mains supply is via a fuse rated at not more than 6 amps and class 'A' switch having a contact separation of a minimum of 3mm in all poles. The recommended cable sizes are 1.0mm sq or 1.5mm sq.
- No earth connection is required as the product is double insulated but ensure continuity of earth throughout the system. To facilitate this, an earth park terminal is supplied on the back plate.
- If the unit is fitted to a metal surface, IT IS ESSENTIAL that the metal be earthed. DO NOT use a surface mounting box.




Maintenance

- Always isolate the mains supply before commencing any work, servicing or maintenance on the system. And please read all instructions before proceeding.
- Arrange for an annual maintenance and inspection schedule to be carried out by a qualified person on every part of the heating and hot water system.



Safety Notice









WARNING: Always isolate the AC mains supply before installing. this product must be fitted by a qualified person, and installation must comply with the guidance provided in the current editions of BS767 (IEE wiring regulations) and part "P" of the building regulations.

Technical Settings

1. Move the slider to RUN. Hold down the  Home button, the Day button and the – button (under the fascia) together for 3 seconds to enter the Technical Setting Mode.
2. Press +/- to choose between 2 or 3 ON/OFFs per day.
3. Press the Next  button and press +/- to choose between Protection ON/OFF. (If Protection is ON and the system does not call for heat for one week, the system will be turned ON for one minute each week that the system does not call for heat.).
4. Press the Next  button and press +/- to choose between 12 hour clock or 24 hour clock.

Setting the Landlord Service Interval






1. Switch the slider to RUN.
2. Press  Home, Copy and the + buttons together to enter the landlord settings. A numeric password will be required to enter these settings.
3. The LCD display will show C0dE. Press the +/- buttons to enter the first digit of the code. Press the Day button to move to the next digit. Repeat this until all 4 digits have been entered and then press the Next  button.
 - **N.B.** Only when the code entered matches either the pre-set or master code can the landlord settings be entered. The factory default code is 0000.

4. The LCD display will show ProG. Press the Next  button and the LCD will show En. Press the +/- buttons to turn the landlord functions on/off.
5. If landlord functions are turned on, press the Next  button and the LCD display will show SHO. Select on and the LCD will display ArEA and this will allow a contact number to be entered. Press the +/- buttons to set the area code for the maintenance telephone number. Press the Day button to move to the next digit. Repeat this until all digits have been entered and then press the Next  button.
6. The LCD display will show tELE. Press the +/- buttons to set the maintenance telephone number. Press the Day button to move to the next digit. Repeat this until all digits have been entered and then press the Next  button.
7. The LCD display will show duE. Press the +/- buttons to set the due date (from 1 – 450 days).
8. Press the Next  button and the LCD display will show ALAr. Press the +/- buttons to set the reminder (from 1 – 31 days). This will then remind the user when the annual service is due by alternating between displaying SER and the maintenance telephone number in the LCD screen according to these settings.
9. Press the Next  button and the LCD display will show tYPE. Press the +/- buttons to choose between:
 - **0:** Reminds the user when the annual service is due by alternating between displaying SER and the maintenance telephone number in the screen according to installer set settings.
 - **1:** Reminds the user when the annual service is due by alternating between displaying SER and the maintenance telephone number in the screen according to installer set settings and only allows the system to run in manual operation for 60 minutes.
 - **2:** Reminds the user when the annual service is due by alternating between displaying SER and the maintenance telephone number in the screen according to installer set settings and does not allow the system to run (permanently OFF).
10. Press the Next  button and the LCD display will show nE. Here a new installer code can be entered. Press +/- to set the first digit, then press the Day button. Repeat this for all four digits. Press the Next button to confirm the changes and the LCD display will show SET to confirm.
11. Press the  Home button or wait for 15 seconds to automatically confirm and return to Run Mode.

Fitting the Back Plate

1. Position the wall-plate (terminals along top edge) with 60mm (min) clearance to its right, 25mm (min) above, 90mm (min) below. Ensure that the supporting surface will fully cover the back of the programmer.
2. Offer the back plate to the wall in the position where the programmer is to be mounted, remembering that the back plate fits to the left side of the programmer. Mark the fixing positions through the slots in the back plate, drill and plug wall, then secure back plate in position.
3. All necessary electrical connections should now be made. Ensure that the wiring to the wall-plate terminals leads directly away from the terminals and is completely enclosed within the wall-plate aperture. Wire ends must be stripped and screwed to the terminals so that minimal bare wire is showing.

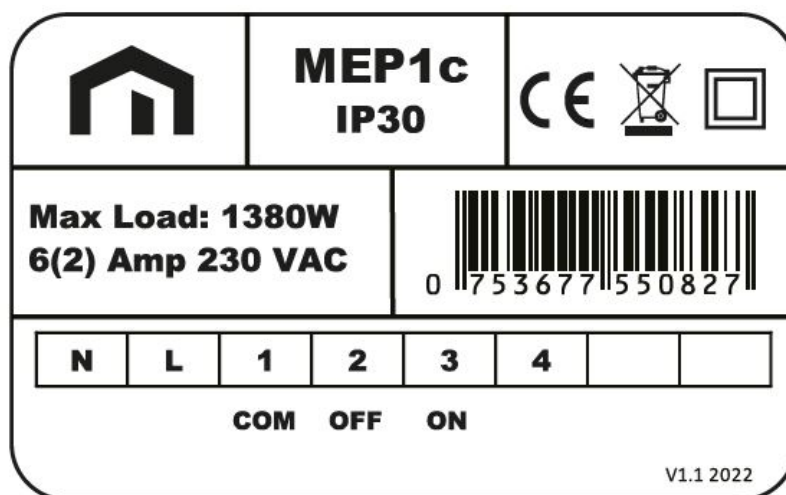
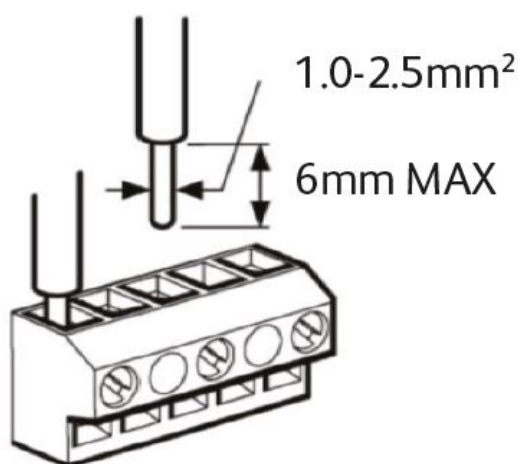
To enter a New Installer Code

1. Move the slider to RUN.
2. Press  Home, Copy and the + buttons together to enter the landlord settings. A numeric password will be required to enter these settings.
3. The LCD display will show C0dE. Press the +/- buttons to enter the first digit of the code. Press the Day button to move to the next digit. Repeat this until all 4 digits have been entered and then press the Next  button.
 - **N.B.** Only when the code entered matches either the pre-set or master code can the landlord settings be entered. The factory default code is 0000.
4. The LCD display will show ProG. Continue to press the Next  button until the LCD will show NE 0000. Press the Day button and the first digit will flash, then use the +/- buttons to choose a new code using the Day button to move between digits.
5. When the desired code is entered correctly, press Next  button to confirm changes.
6. Press  Home button to exit the menu.

Existing Installations

1. Remove the old programmer from its back plate mounting, loosening any securing screws as dictated by its design.
2. Check compatibility of existing back plate & wiring arrangement with that of the new programmer. See online Programmer Replacement Guide for direction.
3. Make all necessary changes to back plate & wiring arrangement to suit new programmer.

Wiring Diagram



Commissioning

Switch on mains supply. Referring to User Instructions:-

1. Use the buttons to ensure correct product functionality.
2. Set timing and programme details in accordance with customer requirements.
3. Normally the unit will be left with channel in 'Auto' mode.

4. Set backlight either permanently ON or OFF in accordance with customer requirements.
5. Leave these installation instructions with customer for reference.


We are continuously developing our products to bring you the very latest in energy saving technology and simplicity. However, should you have any questions regarding your controls please contact us at:

- AfterSales.uk@purmogroup.com
- Technical.uk@purmogroup.com

WARNING: Interference with sealed parts renders the guarantee void.

In the interests of continuous product improvement we reserve the right to alter designs, specifications and materials without prior notice and cannot accept liability for errors.

Documents / Resources

	<p>MYSON ES1247B 1 Channel Multi Purpose Programmer [pdf] Instruction Manual ES1247B 1 Channel Multi Purpose Programmer, ES1247B, 1 Channel Multi Purpose Programm er, Multi Purpose Programmer, Purpose Programmer, Programmer</p>
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References

- [User Manual](#)

[Manuals+.](#) [Privacy Policy](#)

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