



FUSED SPUR ELECTRONIC TIMER 24/7 DAY CONTROL

Fitting & User Instructions

LEV24/7PFS



PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION
LEAVE A COPY FOR THE USER/MAINTENANCE ENGINEER FOR FUTURE REFERENCE
We recommend this appliance is installed by a qualified Electrician

IMPORTANT SAFEGUARDS

Before use, please read and follow these instructions carefully, even if you feel you are familiar with the appliance. They contain important information concerning the operation, safety and maintenance when using the appliance. Please retain these instructions for future use and reference.



CAUTION Before commencing any installation or maintenance work, make sure the mains power supply is isolated.

IMPORTANT This appliance must be installed in accordance with the IEE wiring regulations and current building regulations. If in doubt consult a qualified electrician.

- Appliance must not be mounted on a flammable surface
- Ensure the appliance does not come in contact with any combustible materials
- Ensure the appliance is level and securely fixed to the wall using minimum 25mm back boxes
- The appliance should have a minimum air space of 300mm on all sides.
- Before installation or maintenance, ensure the mains supply is switched off
- Check that the total load on the circuit including when this appliance is fitted does not exceed the rating of the circuit cable and circuit breaker.
- Only install the appliance if the voltage indicated on the appliance corresponds with the mains voltage.

CARE & CLEANING

1. The appliance should be cleaned regularly.
2. Isolate electricity supply and allow appliance to cool, wipe with a soft damp cloth. Do not use detergent or abrasives.
3. Do not scrape the surfaces with sharp hard tools.

DISPOSAL

In accordance with European Directive 2002/96/EG concerning waste electrical and electronic equipment (WEEE), please return any electrical equipment that you will no longer use to the collection points provided for their disposal.



This symbol indicates that the appliance cannot be treated as normal domestic waste, but must be handed to a collection point for where electric and electronic appliances are recycled.

Information concerning where the equipment can be disposed of can be obtained from your local authority.



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FEATURES

- 24-hour 7-day digital control
- 24 ON & 24 OFF programmes
- LED Indicators
- Auto screen lock function
- 15-mins, 30-mins, 1-hour or 2-hour boost facility
- Auto ON/OFF, ON & OFF switching options
- Fuse replaceable from the front
- Back-up battery
- Fits a single gang wall box
- Protective cover for neat installation

TECHNICAL SPECIFICATIONS

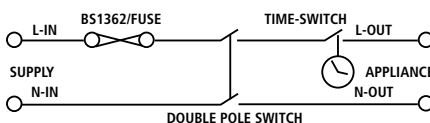
- Voltage Range: 230- 240Vac, 50Hz
- Switching Rating: 13A Resistive Load, 2A Inductive Load
- Operating Wattage: 2990W max
- Standby Power: <0.5W
- Fuse Supplied: BS1362 13A Fuse (Supplied)
- Contact Type: Normally Open
- Min. Depth of Wall Box: 25mm
- Screen Type: LCD screen
- Shortest Switching Time: 1 Min
- Boost Time: 15 Mins, 30 Mins, 1 Hour, 2 Hours
- Programme: 24 ON and 24 OFF programmes
- Operating Temperature: -10°C to 40°C
- Power Status LED indicator: Red
- Output LED indicator: Green
- Cable Inlet: 2 x cable clamps
- Suitable for Cable: Both Round and Flat T&E cables
- Dimensions (HxWxD): 86mm x 86mm x 45mm
- Conform to: EN 60730-1/2-7



INSTALLATION

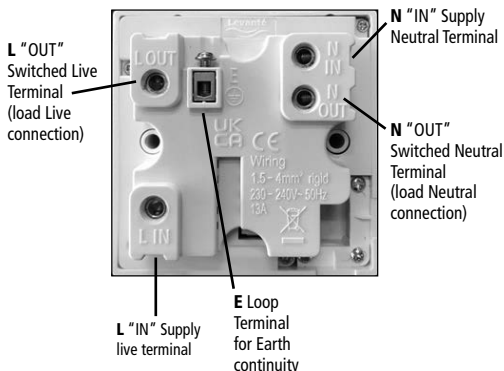
- Before carrying out the installation, ensure that the mains supply has been isolated and the appliance power switch is turned off and the supplied fuse has been removed.
- Please make sure the back box to house this appliance is at least 25mm deep, we recommend the use of a deeper back box for easier installation. Ensure at least a 300mm air circulation is allowed around the appliance.
- Connect the incoming mains supply and outgoing load cables to the relevant terminals according to the markings on the appliance. Ensure all terminal screws have been tightened correctly.
- This appliance is also provided with 2 pre-installed removable cable inlets for surface cable entry. These cable inlets have been designed to accommodate both flat and round cable.
- Finally secure the appliance to the back box with the fixing screws provided, forming the cables during installation to avoid any cable damage.

Internal Schematic



Battery

- This appliance has a built-in non-replaceable rechargeable battery, the battery will store the pre-set programmes when the appliance is powered off for up to 20 days.
- Before programming for the first time, it is recommended to connect the appliance to the mains for at least 15 minutes prior.
- If the screen goes blank or very faint after a long shut down, please reconnect the appliance to mains power and let the battery recharge. Reset the timer and re-enter the clock and programmes according.



Product Ref	Switching Rating	Watts	Description	Weight (kg)	Width (mm)	Height (mm)	Depth (mm)
LEV24/7PFS	13(2)A	2990W (Max)	Fused Spur Electronic Timer 24/7 Day Control	0.180	86	86	45

230-240V-50Hz UK CA CE     



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PROGRAMMING THE TIMER FUSED SPUR

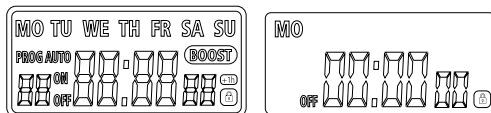
Reset

Prior to programming for the first time or after the battery has been drained the appliance must be re-set.

This will ensure that any previous programs are cleared and the appliance will revert back to its factory settings.

To re-set press the re-set button once using a pointed object e.g. paper clip.

The display will turn off and then flash showing all digits before displaying the clock as 00:00:00 and the default day as **MO** (Monday) the timer status will be **OFF**.



PLEASE NOTE: The appliance screen will automatically lock if no buttons are pressed within 60 seconds.

Unlock the Display

- Press down the **MODE** button on the appliance for 3 seconds to unlock.

Setting the Clock

PLEASE NOTE: Always set this clock according to Greenwich Mean Time (GMT) even if installation and setting occurs during British Summer Time (BST). If time settings are made during BST then use the BST +1hr once set to GMT. This will allow a much easier adjustment to GMT later.

- Press the **"UP"** button to enter the clock setting. The days of the week will flash at the top of the display. Press the **"UP"** or **"DOWN"** buttons to select the current day. These will be displayed as

MO - Monday

TU - Tuesday

WE - Wednesday

TH - Thursday

FR - Friday

SA - Saturday

SU - Sunday

Once the correct day has been selected, press the **"MODE"** button to save.

- Once the current day has been saved the Hour digits will start flashing. Use the **"UP"** or **"DOWN"** buttons to increase or decrease the hour.

The Hours are displayed in a 24-hour format:

- Press the **"MODE"** button to save.
- Once saved the Minute digits will flash press the **"UP"** or **"DOWN"** buttons to increase or decrease the minute.
- Press the **"MODE"** button to save.

BST +1 hr.

- To deactivate the BST +1 hour during GMT, press and hold both **"UP"** and **"DOWN"** buttons together, the LCD display +1 will disappear and the appliance clock will decrease by 1 hour, the appliance is now set to GMT. To activate BST +1 Hour press and hold both **"UP"** and **"DOWN"** buttons together, the LCD will display +1 to show the time is running in BST mode.

Setting programs/schedules

- Unlock the display by pressing down the **"MODE"** button for 3 seconds.
- Press the **"DOWN"** button to enter program 1 **ON** setting.
- Press the **"MODE"** button, the week setting will flash at the top of the screen.
- Press the **"UP"** or **"DOWN"** buttons to choose a programming cycle: The first cycle will allow you to set a program (MAX 24 ON/OFF per week) for each individual day **MO** will flash first. You can cycle through each day by pressing the **"UP"** button. Once you have scrolled through all the days the next cycle displayed will be:

MO, TU, WE, TH, FR - This allows programs to be set which will be replicated for Monday – Friday

SA & SU - This allows programs to be set which will be replicated for Saturday - Sunday

MO, TU, WE, TH, FRI, SA - This allows programs to be set which will be replicated for Monday to Saturday with no programs for Sunday

MO, TU, WE, TH, FR, SA, SU - This allows programs to be set which will be replicated for Monday to Sunday

MO, WE, FR - This allows programs to be set which will be replicated for Monday, Wednesday and Friday

TU, TH, SA - This allows programs to be set which will be replicated for Tuesday, Thursday and Saturday

Once the correct day or cycle is selected press the **"MODE"** button to save.

- Hour setting flashes, press the **"UP"** or **"DOWN"** buttons to increase or decrease the value, then press the **"MODE"** button to save.
- Minute setting flashes press the **"UP"** or **"DOWN"** buttons to increase or decrease the value, then press the **"MODE"** button to save.
- Repeat the process above to set **OFF** program and for additional **ON/OFF** programs.

PLEASE NOTE: when adding additional **ON/OFF** programs ensure the same Day or Cycle is displayed at the top of the screen.

- There are up to 24 **ON** and 24 **OFF** programs that can be set, you can terminate the program setting at any time by pressing the **"MODE"** button for 3 seconds to return to clock mode. All previous entered programs will be stored in the appliance.
- To perform a quick delete of a program during the setup, press the **"BOOST"** button.

Output mode setting

- Unlock the display by pressing down the **"MODE"** button for 3 seconds.
- Press the **"MODE"** button to choose the control method of this appliance:

"ON" - the appliance is permanently **ON** and will remain in this state until another mode is selected.

"OFF" the appliance is permanently **OFF** and will remain in this state until another mode is selected.

"AUTO OFF" - the appliance will remain in its **OFF** mode until the next set **ON** program (Program Skip)

"AUTO ON" - the appliance will remain in its **ON** mode until the next set **OFF** program (Program Advance)



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Boost Function

This appliance is fitted with a "BOOST" function, this function allows you to override the pre-set program and schedules and manage to turn on the load outside of the pre-set program without interrupting the pre-set programs and schedules.

The "BOOST" function allows boosts of:

15 minutes – 1st Button Press

30 minutes – 2nd Button Press

1 hour – 3rd Button Press

2 hours - 4th Button Press

When the duration has been selected a count down timer will be displayed on the appliance screen.

To cancel the Boost function at any time, hold the "BOOST" button for 3 seconds.

To re-start the Boost duration, press the "BOOST" button once, the count down will then re-start from your previous chosen duration.

PLEASE NOTE: "BOOST" function only operates in Locked Mode.