



42-300 Myszków, 5E Urodna Street

SLEEP TIMER



PT-2



5 903240 474103

PLEASE READ THE MANUAL
OR AT LEAST WITH THE LAST POINTS

DON'T YOU KNOW? CALL US! WE DON'T BITE

791-607-644 (OFFICE 9-2 p.m., weekdays)

791-607-644 (SUPPORT 4-7 p.m., weekdays)

www.pamel.pl pamel@pamel.pl

SLEEP TIMER PT-2

Table of contents

INTENDED USE	Błąd! Nie zdefiniowano zakładek.
SYSTEM ADVANTAGES	Błąd! Nie zdefiniowano zakładek.
HOW IT WORKS	Błąd! Nie zdefiniowano zakładek.
TECHNICAL PARAMETERS	7
TERMS AND CONDITIONS OF THE WARRANTY.....	11

Before connecting and using the appliance, please read this user manual carefully.

If you have any problems understanding its contents, please contact the seller of

the device. Self-assembly and commissioning of the device is possible provided that the installer has basic knowledge. However, it is recommended that the device be installed by qualified personnel.

The manufacturer is not responsible for damage that may result from improper installation or operation of the device. Making repairs and modifications yourself will void the warranty.

The manufacturer reserves the right to change the appearance, features, functions and technical parameters of the device

in order to improve the quality of the product.

The photographs, drawings and texts used in this manual are the property of PAMEL.

INTENDED USE

The PT-2 is used to temporarily switch various electrical devices on or off. The maximum switching power is **3.5 kW**, thanks to which the controller can work with many common consumers used at home, workshop, farm or in simple technical installations.

The device works well wherever automatic control of the operating time is needed, without the need to manually turn the receiver on and off. The PT-2 can be used, among other things, to control fans, lighting, radiators, circulation pumps, recirculation pumps, aeration or other devices that are intended to operate for a certain period of time or on a cyclical basis.

Thanks to its simplicity, the PT-2 is a convenient solution for people who want to organize the operation of devices, automate their operation and reduce daily operation.

The device **is not used to regulate high inductance circuits**, so it should not be used for consumers with a high inrush current or requiring any other type of control.

SYSTEM ADVANTAGES

The system is easy to install and use on a daily basis, so you can quickly get it up and running and adjust it to your needs. It provides convenient and efficient control of connected devices, making it easier to automate their operation and reduce the need for manual operation. Thanks to its functionality, it works well in many home and technical applications, wherever convenience, time savings and greater control over the operating time of devices are important.

Model	T1 Resolution	T2 Resolution
PT1	1 minute	1 minute
PT2	1 second	1 second
PT3	1 second	1 minute

HOW IT WORKS

The PT-2 is designed to be simple and convenient to use in everyday use. With two buttons, the user can set the time when the device is switched on or off, and the current setting is displayed on the easy-to-read LED display. This ensures that all the most important information is visible at a glance, without guesswork and without complicated configuration.

A big advantage of the device is the memory of settings. After a power failure, you do not need to reprogram the time or select the operating mode. When the voltage returns, the device automatically returns to operation, which increases the convenience of use and makes the controller work well where continuity of operation is important.

The PT-2 operates in seven modes, so it can be adapted to a wide variety of applications.

S0In this mode, the "+" button changes the time setting on the fly by **1 second**. As soon as the set time is greater than zero, the device turns on the voltage and starts the countdown. The "-" button is used to start and stop the countdown when pressed briefly, or to reset the time when held down for a long time. This is a very convenient mode for quickly setting different short working times.

S1In this mode, the "+" and "-" buttons act as **START** and **STOP**. The countdown time is pre-programmed, so the user can start the device exactly when they need it. This is a good solution where the device is always to work for the same, pre-set time.

S2**S2 mode** is used for cyclic operation. The device automatically turns the connected receiver on and off according to the set times. This is a practical solution for applications where the device is to work regularly and automatically, for example, to turn on the pump cyclically.

S3In this mode, the "+" and "-" buttons allow you to change the setting on the fly. When the set time is counted down to zero, the device only then turns on the voltage. This is a useful mode when you need to start the receiver after a certain amount of time.

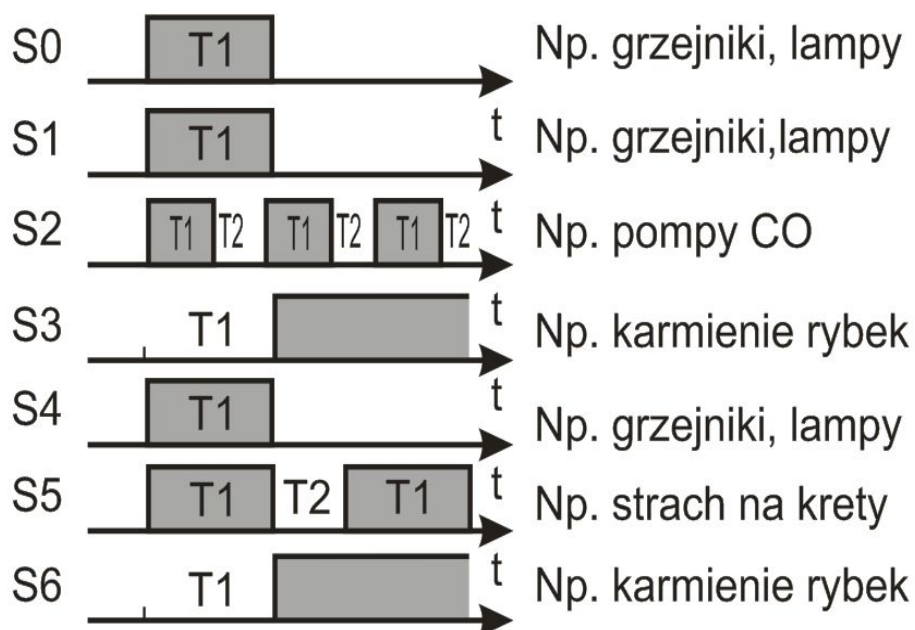
S4**S4 mode** works similarly to S0 mode, but the time is set in increments every **15 seconds**. This allows you to set larger time values more quickly. This is a convenient solution when you need a simple and quick way to set longer countdowns.

S5**S5 mode** is similar to S2 mode, but works in a less predictable way. The user sets the T1 time, while the T2 time is random and ranges from **1 to 10 seconds**. Thanks to this, the device does not always work in the same rhythm. This mode can be useful wherever irregular work is needed, such as with deterrent devices.

S6**S6 mode** works the opposite of classic switch-on. When **START** is pressed ,

the device is switched off for the set time, and after this time it turns on again. You can manually resume operation at any time by pressing the **STOP button**. This is a very practical mode, for example, to temporarily turn off the filters when feeding the fish or to briefly suspend the operation of other devices.

With multiple operating modes, the PT-2 can be easily adapted to different tasks. The device works well wherever you need convenient control of operating time, automatic switching on or off of receivers and limiting manual operation.



To set the operating mode and operating time of the device, first press and hold both buttons before plugging the controller into the socket. Then, holding the buttons all the time, you need to put the device in the socket. The display will show **88**. Only then can you let go of the buttons.

After a while, the device will switch to the selection of operating mode: **S0, S1, S2, S3, S4, S5 or S6**. The appropriate program is selected with the "+" and "-" buttons. If no button is pressed for several seconds, the selected mode will be saved automatically.

After the mode is approved, the device itself proceeds to set the time appropriate for the selected program.

S1 modeAfter the mode is approved, the device switches to the **T1 time setting**, i.e. the switch-on time, after several seconds. This is the time that will be counted down every time the program is launched.

S2 ModeOnce the mode is approved, the device enters the **T1 time setting**, which is the operating time of the device. If no button is pressed for several seconds, the controller will automatically switch to the **T2 time setting**, i.e. the pause time. In this way, you can easily set up recurring operation.

S3 modeAfter the mode is approved, the device switches to the **T1 time setting**, i.e. the countdown time, after a dozen or so seconds.

S5 modeAfter the mode is approved, the device switches to the **T1 time setting**, i.e. the shutdown time, after several seconds.

S6 modeAfter the mode is approved, the device switches to the **T1 time setting**, i.e. the shutdown time, after several seconds.

Thanks to this way of setting, the configuration of the device is simple, fast and does not require complicated programming. Once selected, the mode can be easily adapted to the specific application and comfortable use of the device on a daily basis.

TECHNICAL PARAMETERS

Supply Voltage: 230V -20% +10%, 50Hz

Operating temperature: -10 to +60°C

Load capacity: 3kW

Resolution: 1 second

Maximum Time: 999seconds

Maximum power consumption: 0.2W

Dimensions: length-80mm, width-60mm, height-60mm

Housing: Self-extinguishing plastic

Protection Grade: IP20

Warranty: 60 months from the date of sale

Compliance with standards: PN- EN 60529

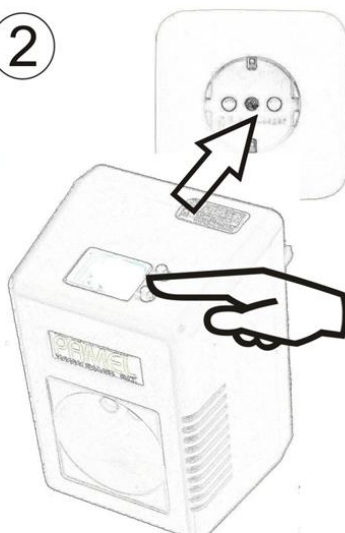
Lead-free (Pb-Free)

1



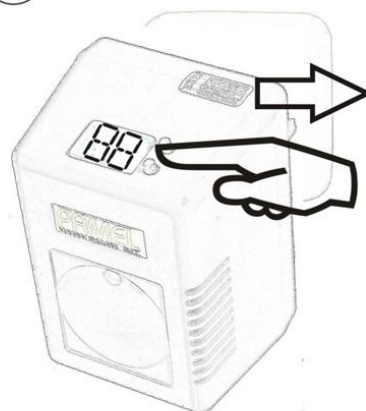
WCIŚNIJ PRZYCISKI

2



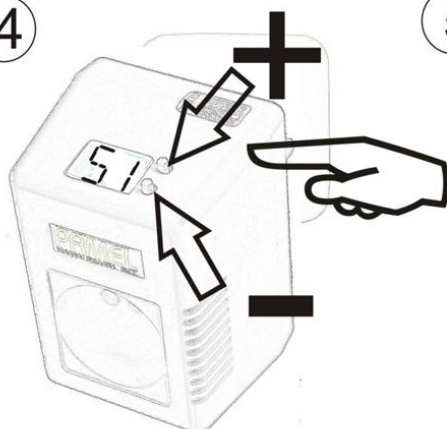
WŁÓŻ DO GNIAZDKAI

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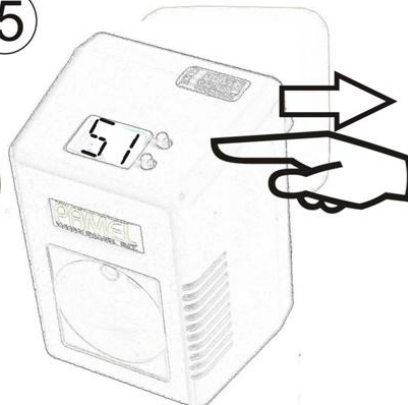
PUŚĆ PRZYCISKI

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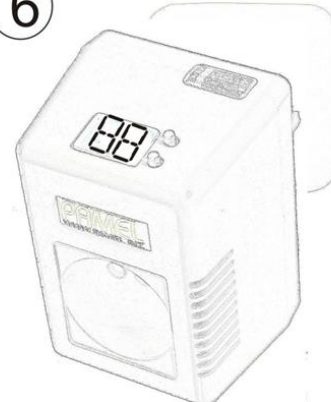
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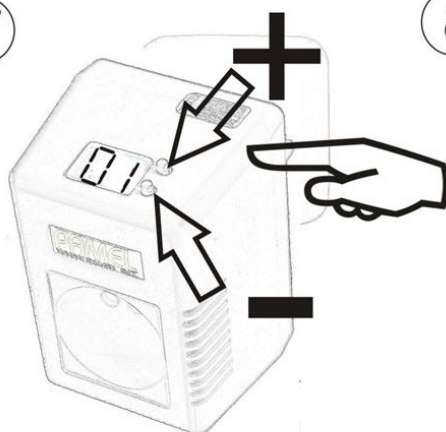
PUŚĆ NA KILKANAŚCIE SEKUND

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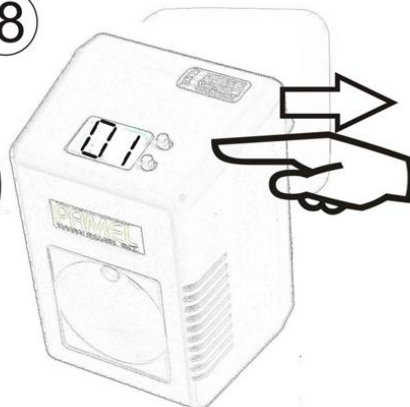
POTWIERDZENIE NASTAWY

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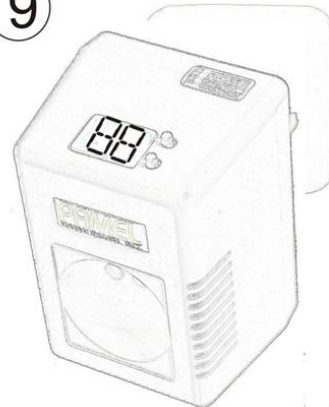
USTAW NASTAWĘ

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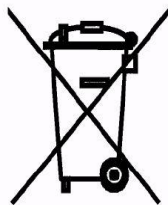


PUŚĆ NA KILKANAŚCIE SEKUND

9



POTWIERDZENIE NASTAWY



As professionals, we operate legally, which is why our products are registered with the Chief Inspector of Forestry and Consumer Protection under number E0021233W. **By buying equipment from us, you do not run the risk of control problems.**

Once you have used up your purchased items, you have the right to take them to a disposal point in your own city or send them to us.

When you resell unregistered equipment, you are responsible for placing it on the market. There is a penalty of PLN 5000 and upwards. Calculate whether it is worth the risk or whether it is better to buy a registered, legal device from us.



All our products have a certificate or declaration of conformity. All devices are subject to high standards and it is not allowed to introduce devices that do not meet these conditions. Devices that meet the standards are easy to distinguish by the CE mark.

In Polish, it is not allowed to sell devices without meeting these two conditions. Otherwise, it means that there is a reason for circumventing the standards, and the company is operating illegally.

Dear User,

First of all, we would like to thank you for choosing a PAMEL product. We are sure that you will be satisfied with this choice. We design our devices to meet your requirements and guarantee future trouble-free use.

Before using the equipment, carefully read the installation procedures and operating conditions described in the Owner's Manual.

If you have any doubts, please contact us.

453-343-360 (OFFICE 9-2 p.m., weekdays)

453-343-360 (SUPPORT 4-7 p.m., weekdays)

TERMS AND CONDITIONS OF THE WARRANTY.

- 1. PAMEL provides a warranty in the Republic of Poland for a period of 60 months counting from the date of sale, but not longer than 80 months from the date of production placed on the Product for which the warranty card is issued, provided that the equipment is used in accordance with the intended purpose and technical and operational conditions described in the User Manual.**
2. The warranty does not cover movable elements of the product's equipment (accessories) intended for self-assembly by the user, e.g.: antennas, sensors, holders, heaters, cables, power batteries.
3. The Guarantor undertakes to remove physical defects free of charge if these defects are revealed during the warranty period or to deliver a defect-free item if within the warranty, at least 4 repairs of the item have been made, and the object of sale is still defective.
- In the event of a replacement, the product will be replaced with a new one, the same model or with similar, not worse technical parameters. If such an exchange is not possible, the Buyer will receive a refund.
3. The warranty period provided for in point 1 is extended by the duration of the repair.
4. The duration of the repair is counted from the day of delivery of the item to the service point, with the required documents and legible data of the Client until the date of delivery of the item to the carrier in order to deliver it to the Buyer.
5. In the event of a defect, the Buyer shall report this fact to the Guarantor by post online (pamel@pamel.pl) or by phone, then the Guarantor first tries to solve the problem remotely and indicates the further path of the complaint procedure.
6. At the request of the Guarantor, the Buyer is obliged to reliably fill in the Complaint Protocol made available by the Guarantor.
7. The guarantor is liable only for defects arising from reasons inherent in the subject of the sale.
8. The warranty does not cover damage to the equipment resulting from improper or incompatible with the installation and assembly of use, in particular, storage, maintenance, inconsistent with the intended use, use of improper consumables, arbitrarily carrying out repairs or improvements, mechanical damage, due to the fault of the user, due to external causes such as pollution, flooding, condensation of water vapour, atmospheric phenomena, random events. Damage to electronic components resulting from exceeding the rated parameters is also not covered by the warranty.
9. The warranty does not cover claims for the technical characteristics of the devices, as long as they are in accordance with those specified by the manufacturer.
- 10. The condition for the Buyer to retain the rights under the warranty is the delivery of equipment to the service point specified in point 5, in complete condition, in packaging to reduce the risk of damage, with documentation, cables and all other elements issued in connection with the performance of the sales contract, without the seals or stickers with the warranty card being broken.**
11. The warranty does not cover materials and activities that are part of normal operating operations, e.g. installing equipment, programming, cleaning and maintenance, replacing bulbs and fuses, checking operation. The services mentioned above are paid.

12. In addition to the situations referred to in points 7-11, the service point may refuse to

warranty repair also in the case of:

- finding that the data contained in the sales documentation is inconsistent with the device data

- amendments to documents by unauthorized persons

13. Physical defects of the device revealed during the warranty period will be removed within 21 days counted from the day following the day of delivery of the device to the service. If you need to import spare parts from abroad

The Guarantor reserves the right to extend the warranty period for the time necessary to repair, of which the Buyer will be informed each time using the e-mail.

14. The device should be installed in accordance with the required standards, technical requirements included in the manual. If there is a legal requirement, the installation of the device must be carried out by a person with the appropriate authorization in this regard.

15. The rights and obligations of the parties with respect to the warranty shall be governed solely by the content of the provisions in the this document.

16. Equipment not collected from the service within 3 months of the completion of the repair will be forfeited to the service.

17. In the event that the warranty repair requires the replacement of a part, the replaced element remains the property of the Guarantor.

18. The warrantor is not responsible for damages resulting from the loss of user data stored in the device, we also inform you that the device will be returned in accordance with the production condition.

19. **By signing the Buyer, the Buyer declares that he has read the terms of the warranty and accepts them.**

A warranty card without the signature of the Buyer will be considered invalid.

ATTENTION!

The number of repairs does not include, in particular: cleaning, maintenance, replacement bulbs, filaments or fuses, repairs resulting from wear and tear due to operation, e.g. wear of potentiometers, etc.

WARRANTY START DATE	SELLER STAMP	CUSTOMER SIGNATURE