

CLOCK MEMORY PROGRAMMER PPZ-01

INSTRUCTION
MANUAL



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DESCRIPTION

The PPZ-01 programmer is used to programme quickly the memory of (ZCM-XXP/U (ZCM-11P/U, ZCM-12P/U, ZCM-22P/U, ZCM-31P/U, ZCM-32P/U) time switches. Programming is carried out by means of a PC software.

It is possible to carry out the following functions by means of this software and the PPZ-01 device:

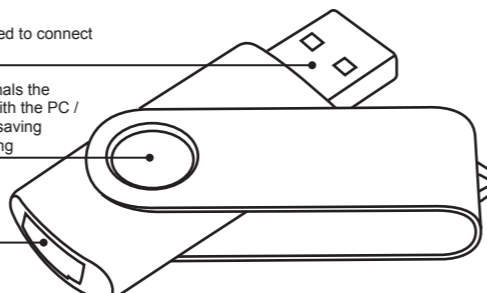
- easy edition of programs and of selected time programmer settings without a direct connection with them (offline mode),
- saving programs and settings into the USB memory, with a possibility of their transfer to a selected programmer,
- reading programs and settings from the USB memory which were saved by a programmer (e.g. quick edition)
- configuration saving / reading to/from a file for archiving or sharing,
- deleting USB memory.

The programmer is highly efficient in case there are many programs to adjust or there are various time programmers (ZCM-XXP/U series) to be set. This device is a great support for installers. The PPZ-01 programmer cooperates with a free „PPZ-01 programmer” software, which is available at www.zamel.pl (product ZO-01). This software is supported by the following operation systems: Windows, Linux, Mac OS. For its proper operation, it is required to install **JAVA JRE version v8.0**.

USB stick used to connect with the PC

LED red: signals the connection with the PC / signals data saving or data reading

Socket to connect the clock memory



PROGRAMMER USE BY MEANS OF “PPZ-01 PROGRAMMER” SOFTWARE

The PPZ-01 programmer is ready for operation (just after purchase). After inserting the programmer into the USB port, the PC will automatically detect and install it in the system. The programmer does not need to install any additional drivers.

To store a configuration in the USB memory by means of PPZ-01, the following steps are required:

1. Insert the USB memory in the right socket of the PPZ-01 programmer
2. Insert the PPZ-01 programmer in the PC port. A red LED of the PPZ-01 programmer switches on, if it detects the programmer.
3. Start the ‘PPZ-01 Programmer’ software and choose the programmer for which the configuration will be created.
4. Edit settings or read them from the previously created file.
5. Save the data into the USB memory by means of “Memory Save”. The message “Memory Save completed” indicates the saving procedure has been completed successfully.
6. The configuration saved into the USB memory can be copied to a previously selected programmer ZCM-XXP/U (Pen-Read tab in the programmer menu)

In order to read a configuration from the USB memory by means of PPZ-01, the following is required:

1. Insert the USB memory in a selected time programmer (ZCM-xxP/U series)
2. By means of the programmer save the settings into the USB memory (Pen - Save)
3. Insert the USB memory in the right socket of the PPZ-01 programmer
4. Insert the PPZ-01 programmer in the PC port. A red LED of the PPZ-01 programmer switches on, if it detects the programmer.
5. Start the ‘PPZ-01 Programmer’ software and choose the programmer for which the configuration will be created.
6. If the selected programmer type is adequate with data saved into the USB memory, then the data will be automatically read just after ticking the programmer’s type.
7. Memory is also read by means of the “Read memory” button
8. Depending on the selected time programmer, the software displays the read configuration, which can be edited and saved into the USB memory again.

To delete the whole content of the USB memory, the following steps are required:

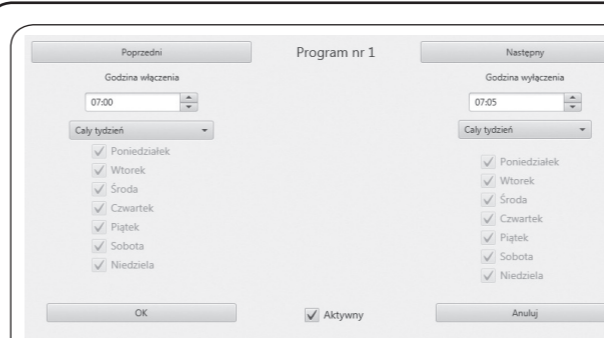
1. Insert the USB memory in the right socket of the PPZ-01 programmer
2. Insert the PPZ-01 programmer in the PC port. A red LED of the PPZ-01 programmer switches on, if it detects the programmer.
3. Start the ‘PPZ-01 Programmer’ software and choose any programmer
4. If the data saved into the USB memory is adequate with the chosen programmer type, then the data will be automatically read. In case of inconsistencies, the “No USB memory detected” message will be displayed.
5. Press the “Delete memory” button – correct deletion is signalled by the message “Memory has been successfully deleted”.

WARRANTY CARD

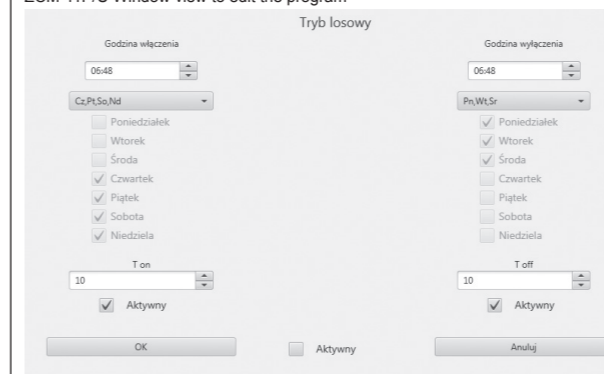
There is a 24-month guarantee on the product

1. ZAMEL Sp. z o.o. assures a 24-month guarantee for the product.
2. The manufacturer's guarantee does not cover any of the following actions:
 - a) mechanical damage during transport, loading / unloading or under other circumstances,
 - b) damage caused by incorrect product mounting or misuse,
 - c) damage caused by unauthorised modifications made by the PURCHASER or any third parties to the product or any other devices required for the product functioning,
 - d) damage caused by Act of God or any other incidents independent of the manufacturer – ZAMEL Sp z o.o.
3. The PURCHASER shall lay any claims in writing in the place of purchase or to ZAMEL Sp. z o.o.
4. ZAMEL Sp. z o.o. is liable for processing any claim according to current Polish legislation.
5. ZAMEL Sp. z o.o. shall process the claim at its own discretion: product repair, replacement or money return.
6. The manufacturer's guarantee is valid in the Republic of Poland.
7. The PURCHASER's statutory rights in any applicable legislation whether against the retailer arising from the purchase contract or otherwise are not affected by this warranty.

Salesman stamp and signature, date of sale



ZCM-11P/U Window view to edit the program



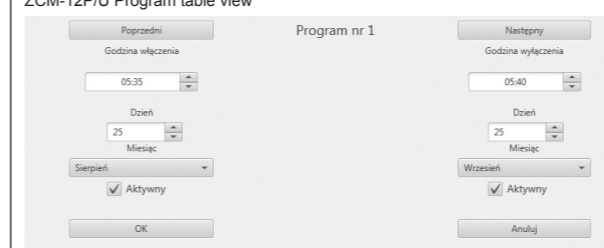
ZCM-11P/U Window view to edit the RANDOM mode

Id	Godzina startu	Dniak startu	Status	Godzina wyłączenia	Dniak wyłączenia	Status
1	07:00	Cały tydzień	Aktywny	07:05	Cały tydzień	Aktywny
2	08:00	Poniedziałek	Aktywny	08:05	Poniedziałek	Aktywny
3	09:00	Wtorek	Aktywny	09:05	Wtorek	Aktywny
4	10:00	Środa	Aktywny	10:05	Środa	Aktywny
5	11:00	Czwartek	Aktywny	11:05	Czwartek	Aktywny
6	12:00	Piątek	Aktywny	12:05	Piątek	Aktywny
7	13:00	Sobota	Aktywny	13:05	Sobota	Aktywny
8	14:00	Niedziela	Aktywny	14:05	Niedziela	Aktywny
9	15:00	Diś robocze	Aktywny	15:05	Diś robocze	Aktywny
10	16:00	Wakacje	Aktywny	16:05	Wakacje	Aktywny
11	17:00	Pracuj, Ci, Pi, So	Aktywny	17:05	Pracuj, Ci, Pi, So	Aktywny
12	18:00	Pracuj, Pi	Aktywny	18:05	Pracuj, Pi	Aktywny
13	19:00	W, Ci, So	Aktywny	19:05	W, Ci, So	Aktywny
14	20:00	Pracuj, So	Aktywny	20:05	Pracuj, So	Aktywny
15	21:00	Ci, Pi, So, Nd	Aktywny	21:05	Ci, Pi, So, Nd	Aktywny
16	22:00	Pracuj, Pi, So, Nd	Aktywny	22:05	Pracuj, Pi, So, Nd	Aktywny
17	23:00	Diś robocze	Aktywny	23:05	Diś robocze	Aktywny
18	00:00	Diś robocze	Aktywny	00:05	Diś robocze	Aktywny
19	01:00	Wakacje	Aktywny	01:05	Wakacje	Aktywny
20	02:00	Wakacje	Aktywny	02:05	Wakacje	Aktywny
21	03:00	Cały tydzień	Aktywny	03:05	Cały tydzień	Aktywny
22	04:00	Cały tydzień	Aktywny	04:05	Cały tydzień	Aktywny

ZCM-11P/U Program table view

Id	Godzina startu	Dniak startu	Status	Godzina wyłączenia	Dniak wyłączenia	Status
1	07:00	Poniedziałek	Aktywny	07:05	Poniedziałek	Aktywny
2	08:00	Wtorek	Aktywny	08:05	Wtorek	Aktywny
3	09:00	Środa	Aktywny	09:05	Środa	Aktywny
4	10:00	Czwartek	Aktywny	10:05	Czwartek	Aktywny
5	11:00	Piątek	Aktywny	11:05	Piątek	Aktywny
6	12:00	Sobota	Aktywny	12:05	Sobota	Aktywny
7	13:00	Niedziela	Aktywny	13:05	Niedziela	Aktywny
8	14:00	Cały tydzień	Aktywny	14:05	Cały tydzień	Aktywny
9	15:00	Diś robocze	Aktywny	15:05	Diś robocze	Aktywny
10	16:00	Wakacje	Aktywny	16:05	Wakacje	Aktywny
11	17:00	Pracuj, Ci, Pi, So	Aktywny	17:05	Pracuj, Ci, Pi, So	Aktywny
12	18:00	Pracuj, Pi	Aktywny	18:05	Pracuj, Pi	Aktywny

ZCM-12P/U Program table view



ZCM-22P/U Window view to edit the program

Id	Godzina włączenia	Dniak włączenia	Miesiąc włączenia	Status	Godzina wyłączenia	Dniak wyłączenia	Miesiąc wyłączenia	Status
1	05:15	25	Sierpień	Aktywny	05:45	25	Wiosna	Aktywny
2	06:15	25	Sierpień	Aktywny	06:45	25	Wiosna	Aktywny
3	07:15	25	Sierpień	Aktywny	07:45	25	Wiosna	Aktywny
4	08:15	25	Sierpień	Aktywny	08:45	25	Wiosna	Aktywny
5	09:15	25	Sierpień	Aktywny	09:45	25	Wiosna	Aktywny
6	10:15	25	Sierpień	Aktywny	10:45	25	Wiosna	Aktywny

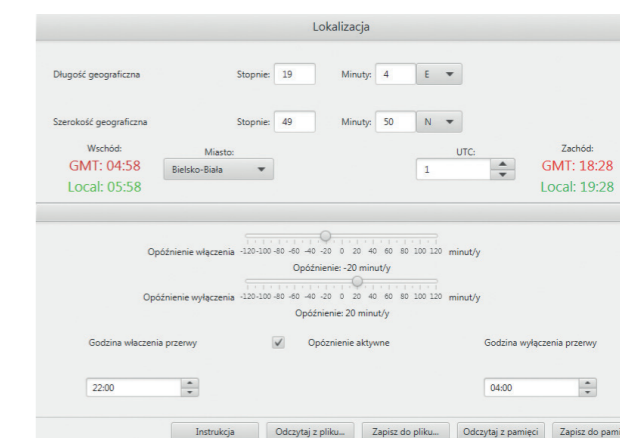
ZCM-22P/U Program table view

In case of ZCM-11P/U, ZCM-12P/U, ZCM-22P/U programmers it is also possible to:

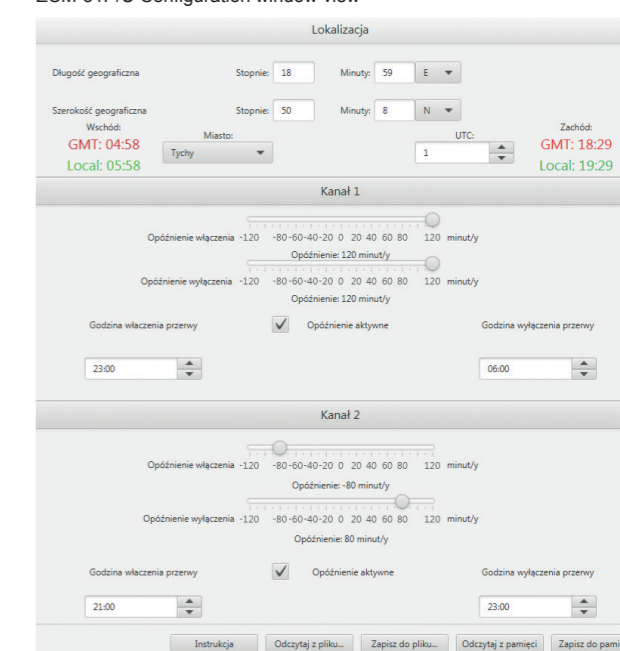
1. Add programs – “Add” button
2. Edit the selected program – “Edit” button
3. Delete the selected program – “Delete” button
4. Change program order – “Up / Down” buttons
5. Random mode configuration – “Random mode” (except ZCM-22P/U)

In case of astronomical programmers (ZCM-31P/U and ZCM-32P/U) it is possible to:

1. Enter geographic coordinates (longitude and latitude)
 - the latitude is entered including a division into the north (N) and south (S) hemisphere
 - longitude is entered including a division into the eastern (E) and western (W) hemisphere
 - the software based on the coordinates calculates the sunrise and sunset civil times and displays them in the application
2. Choosing one out of 100 places for which the geographic coordinates were defined (refers only to towns/cities located in Poland).
3. Entering time shift (UTC zones) in the range of -12 to +12 hours
4. Defining time delays of switching on and switching off in the range of -120 to +120 minutes (in case of ZCM-32P/U device, it includes a division into channel 1 and channel 2)
5. Defining start and finish hours of night intervals (in case of ZCM-32P/U, it includes a division into channel 1 and channel 2)



ZCM-31P/U Configuration window view



ZCM-32P/U Configuration window view

In case of all time programmers supported by PPZ-01, there is a possibility to save configuration to file or to read it from a previously created file. The following buttons “Save to file / Save” and “Read from file / Read” are used to carry the above functions. It enables the archiving of settings of ZCM-XXP/U series time programmers.