

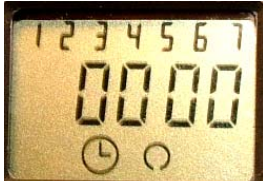





What is the utility of the TimeSwitch ?


The Time-Switch permits to **program the operating times of the Self-Energy Eg20**. It is possible to record, in a personalised way, up to 10 different operating periods, which will begin with a Start/Permission and end with a Stop/Block, for a total amount of 20 programming.

Which are the necessary requirements in order to use the TimeSwitch?

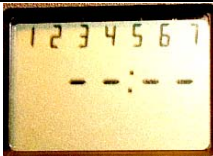




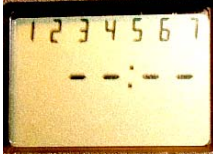













Customers having the Self-Energy EG20 with the trigger box code 932.186 only need to replace the software (see picture C). Customers having a different trigger box code, can ask for its modification at the factory. For a perfect performance of the TimeSwitch we suggest to use **service batteries with a capacity higher than 160 Ah** (for ex. 2 batteries of 100 Ah each connected in parallel).

1.	Starting-up	Display	Notes
1.1	Put the battery into the TimeSwitch (see picture B)		"1234567" are blinking (1= Monday, 2= Tuesday, etc..)
			"00 00 " = hour (24 hours mode)




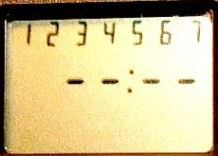
2.	Set-up current date and time.	Display	Notes
2.1	Hold key 		7 = Sunday
2.2	Press "Day" key repeatedly and select the day of the week		
2.3	Press " h " key repeatedly and select the time		
2.4	Press " m "key repeatedly and select the minutes		
2.5	Release key 		












3.	Verify the number of programming already recorded	Display	Notes
3.1	By pressing "Prog" key it is possible to verify the number of programming already recorded and than the number of those still available to be recorded.		" Fr 20 " = Means that all 20 programming steps, which correspond to 10 Start/Permission and 10 Stop/Blocking are still available to be recorded.






4.	Set up the Start/Permission and the Stop/Blocking	Display	Notes
4.1	Hold "Prog" key until it appears...		" 1234567 " = The programming we are going to record is valid for every day of the week. In order to program one single day press "Day" key till it appears only that specific day of the week.
4.2	Press "h" key (then press "m" key) to register the time of the first period of Start/Permission to the functioning of the Self-Energy EG20		<p>ADVICE</p> Set up initially the same programming for each day of the week. <p>-----</p> To every Start/Permission must follow a Stop/Block. <p>-----</p>
4.3	Press  till the symbol  (Start/Permission) appears		<p>Note down the times of Start/Permission and Stop/Block.</p> <p>-----</p> To program in chronological order helps the further reading of the programming steps.
4.4	Press "Prog" until it appears →		<p>ATTENTION:</p> The last record will be visualised in any case after all the other programming, regardless of the recorded time. <p>Programming Example</p> Start= h 9,00 Stop h 10,00 Start= h 11,00 Stop h 12,00 Start = h 15,00 Stop h 16,00 Start = h 17,00 Stop h 21,00 <p>For customers having the "BRIDGE" Use the "Auto" mode</p>
4.5	Press "h" key (then press "m" key) to record the time when the permission to the functioning of the Self-Energy EG20 will end		
4.6	Press  key until the  (Stop/Block) symbol appears		Repeat points from 4.1 to 4.6 to record the other Start/Permission and Stop/Block periods.
4.7	Press key  to exit the programming ----- To enable the programming Press  key till   or   appear.		 or  Indicate the programming is enabled.





5	To modify or delete one or more programming steps	Display	Notes
5.1	Press “Prog” key until the point of the program that has to be modified or deleted appears. To make a modification go to point 4.2. To delete the programming continue from point 5.2		In the example (from 5.1 to 5.4) the Start /Permission of 9,00 am (valid for every day of the week) is eliminated
5.2	Press “h” key until “- -:00” appears		The symbol “- -” appears after the number “23”
5.3	Press “m” key until “- -:--” appears		The symbol “- -” appears after the number “59”
5.4	Hold “Prog” key until “- -:--” will blink 3 times		

6	TimeSwitch operating mode	Meaning
6.1	Press  key until it appears...	
6.2	 	Program is operative (currently in Start/Permission state)
6.3	 	Manual Stop/Block until the next step of Start/Permission of the program
6.4		Permanent manual Stop/Block.
6.5		Permanent manual Start/Permission. Use this mode when you do not want to use the TimeSwitch program. The Self-Energy EG20 will run as if the TimeSwitch was not there.
6.6	 	Start/Permission until the next step of Stop/Block of the program.
6.7	 	Program is operative (currently in Stop/Block state)



7	Battery substitution Solar/Summer Time Reset	Display	Notes
7.1	Battery substitution (SR44 or D357) 1,55V 150=200 mAh. Durability = about 2-3 years		Lift up the battery with a small pointed object, not made of metal. (do not use batteries with voltage higher than 1,55 V !).
7.2	Solar/summer time change		Insert a small object (with rounded tip and not made of metal) in the hole indicated with ±1h . Press lightly. On the display it will appear “ + 1h “ and the watch will go forward of an hour.
7.3	TimeSwitch Reset		Insert a small object (with rounded tip and not made of metal) in the hole indicated with “ Reset ” . All programming will be deleted See point 1

8	Conditions of the TimeSwitch	Self-Energy Eg20 functioning
8.1	When the TimeSwitch is in <u>Start/Permission</u> mode 	The Self-Energy Eg20 is not limited from the Time Switch The Self-Energy EG20 runs as usual
8.2	When the TimeSwitch is in <u>Stop/Block</u> mode 	The green led of the remote module blinks more slowly . The Self-Energy EG20 will start only if the service battery voltage drops under 11,5V
8.3	When the TimeSwitch program changes over from “Stop/Block” to “Start /Permission “	The Self-Energy Eg20 starts immediately and runs until the voltage of the service battery reaches 14,5.