

TACHOGRAPH TIMER

Tachograph timer - designed for digital tachograph, which complies with the requirements, and supports the function "**1-minute rule**". This allows the driver to cover short distances and avoid that the tachograph will register it as working time (let say, you need to park a truck at the loading point and your tachograph at the time fixing the time of the rest).

Properly and carefully following instructions, the driver, as the digital tachograph manufacturers says, may have **an additional 45 minutes of driving time per day**.

With the tachograph timer, the driver knows exactly when the vehicle has to be stopped and when it is again ready to start moving toward driver's goal.

KEEP IN MIND THAT ALL THESE USED MINUTES TACHOGRAPH WILL ADD TO THE NEXT DRIVER DRIVING TIME AS A DRIVING TIME. For example: You have to rest for 45 minutes, during the time of the rest you move the car - drove 15 times, then you've lost 15 minutes, which the tachograph will take away from your next job driving time, let's say you had 270 minutes, or 4.5 hours driving time, after used 15 minutes you have left 255 minutes of driving time.

This timer is suitable for the following digital tachographs:

1. Stoneridge SE5000 from v.7.3 version up to newest.
2. SIEMENS VDO 1381 from 1.4 version up to newest 2.2 version.
3. EFAS from 4 version up to newest.

Tachograph timer Version 1.0

Action	Result	Notes
Press the button once	Activates the tachograph timer function	Read more in the section of the tachograph timer function
Press the button twice	Activates the eye exercise reminder function	When the eye of exercise and rest are turned on while the car is in motion. The timer indicates how many minutes left until the sound signal.
	Activates the „rest“ function	When the eye of exercise and rest are turned on while the car is stopped. The timer indicates how many minutes left until the sound signal.

Action	Result	Notes
Press the button twice	Activates the eye exercise reminder function	When eye exercise function is enabled and while the car is in motion. The timer indicates how many minutes left until the sound signal.
	Activates the „rest“ function	When the rest function is enabled and while the car is stopped. The timer indicates how many minutes left until the sound signal.
	The timer does not respond	When the eye exercise and rest functions is turned off.
Press and hold for 5 seconds	Turns on the rest function setting mode	This is signalled by a flashing green stripe
Press and hold for 10 seconds	Turns eye exercise remind function setting mode	This is signalled by a flashing red stripe
Press and hold for 20 seconds	Switches speed signal checking function	This is signalled by a flashing green and red stripe

Tachograph timer function 1 - minute

- 1). Turn the ignition key, start the engine.
- 2). Make sure that the tachograph displays "bed mode."
- 3). Then click the timer button once.
- 4). This will start the timer counts from 1-30 seconds on a red background (not allowed to drive, move the car).
- 5). When the green light is on and the number "30" is on screen you can start to run. But you must stop at least 5 seconds before time run out and set the tachograph to "the bed mode" (attention depending on which version of the equipment - has a delay time, let's say a sudden stop of driving 10 km / h, the speed will drop for a few seconds to 0km / h - the delay time, then within 5 seconds, the driver must to set the tachograph to bed mode by the time run out.) It is strongly recommended not to exceed for 0 - 20 km / h, and is recommended 5 seconds before time run out to have already stopped car that you have enough time to switch tachograph to the bed mode. When calculating the time back from 30 to 10 seconds tachograph timer every two and a half seconds warns by the audible signal from 10 to 5 seconds - every half a second, from 5 to 2 seconds - every 50 milliseconds and the remaining 2 seconds - continuous audible signal.

6). When time is end the "h" letter appears in red timer background, and after a few seconds, starts counting at the time from 1 to 30 on a red tachograph timer background when the lights number 30 on a green background, driver can drive again to repeat the 25 seconds of driving time, until the driver reaches the short distance place.

To stop this feature, you must press the button again.

Eyes exercise reminder function

When you turn on this feature tachograph timer counts the time back a specified time interval (10, 20 or 30 minutes). When the stated period is end, the tachograph timer warns acoustic signal and the cycle starts again from the beginning. To stop this feature, you must press the button again.

Rest function setting mode

You can change the rest function period, or disable this feature by pressing the button in this mode. The ranges set out in the following order: 30 minutes 45 minutes 60 minutes 75 minutes 90 minutes, the OF - off. Do not press down for 10 seconds, to switch off this mode.

Eyes exercise reminder function setting mode

You can change the eye exercise reminder function period, or disable this feature by pressing the button in this mode. The ranges set out in the following order: 10 minutes, 20 minutes, 30 minutes, the OF - off. Do not press down for 10 seconds, to switch off this mode.

The speed signal checking function

When you turn on this feature tachograph timer displays the approximate car speed in kilometres per hour. Once you press the button this function turns off.

Timer faults test chart:

Fault	Checking	Result	Notes
Do not show or poor indicates the numbers	Disconnect and connect again + 24V to the blue wire and - 24V to the brown wire	In a timer twice flashes 88.	If you cannot get this result: 1. check the power supply 2. Contact the manufacturer
Does not show the dot	Disconnect and connect again + 24V to the blue wire and - 24V to the brown wire	In a timer twice flashes 88.	

Fault	Checking	Result	Notes
The red tape does not flash	Disconnect and connect again + 24V to the blue wire and - 24V to the brown wire	In a timer twice flashes red with a green stripe alternately	If you cannot get this result: 1. check the power supply 2. Contact the manufacturer
The green tape does not flash	Disconnect and connect again + 24V to the blue wire and - 24V to the brown wire	In a timer twice flashes red with a green stripe alternately	
The sound signal does not work	Disconnect and connect again + 24V to the blue wire and - 24V to the brown wire	The timer beeps once.	

By this paragraph may use the speed signal coming from the speed sensor in the tachograph.

*Autentiškas vertimas
Europos komitetas prie LR Vyriausybės
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COMMISSION REGULATION (EU) NO 1360/2002

Of 13 June 2002

Adapting for the tenth time to technical progress Council Regulation (EEC) No 3821/85 on

Recording equipment in road transport

(Text with EEA relevance)

Tachograph through additional connectors can be connected to other devices.

003 Any inclusion in or connection to the recording equipment of any function, device, or devices, approved or otherwise, shall not interfere with, or be capable of interfering with, the proper and secure operation of the recording equipment and the provisions of the Regulation.

*EEA – European Economic Area.