TM 619
INSTRUCTION GUIDE

The TM619 is a 7 day timer that allows up to 8 on/off functions per day. It comes in 4 specific voltages: 12VDC, 24VAC/VDC, 120VAC and 240VAC. First, please check that you have the correct voltage for the application. The specified voltage is for the timer only. The output to your timed device goes through the contacts of the output relay which is rated to a maximum of 16a resistive and 8a inductive at 250VAC, 20 amps resistive at 125VAC and 16a at 30VDC.

A note on the battery: this is a CR2032 lithium battery available in most local drug and big box stores. It will not need to be replaced for approximately 2-3 years; it only keeps the time on the timer correct!

When the time comes to replace the battery, use a coin to remove the battery cover to avoid stripping the plastic cover. **LET'S GET STARTED!**

Timerco
Controlling Time™

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WIRING THE TIMER:

- Terminals 1 and 2 are for power to the **timer only**.
- Terminals 3,4,5 bring power to the item being timed. Bringing power to terminal 3 and out of terminal 5 to your load (timed unit) will make it operate. It is recommended that the "hot" wire be cut and run into 3 and out of 5. **Do not bring the hot and neutral to 3 and 5! This will cause a catastrophic failure to the timer!! This is not covered by warranty. This voltage does not need to be the same as the voltage to power the timer.**

NOTE: THE VOLTAGE TO YOUR LOAD DOES NOT NEED TO BE THE SAME AS THE VOLTAGE TO POWER THE TIMER.

PROGRAMMING THE TIMER:

First, using a small pointed object push
the reset button to clear all settings.
The reset button is just above the
"MIN" dark gray button.

RESET BUTTON ←------------

Setting the Clock:

- Press and hold the CLOCK BUTTON.
- Press the DAY KEY until the correct day is displayed.
- Do the same with the HOUR AND MIN. Now you have the clock set!

Setting the Timer:

There are 15 DAILY PROGRAM SETTING BUILT INTO THE TIMER.
Press the "day" key to scroll through these settings.

1.   MO TU WE TH FR SA SU
2.   MO
3.   TU
4.   WE
5.   TH
6.   FR
7.   SA
8.   SU
9.   MO TU WE TH FR
10.   SA SU
11.   MO TU WE TH FR SA
12.   MO TU WE
13.   TH FR SA
14.   MO   WE   FR
15.   TU   TH   SA

These can be used to simplify programming. All times must be the same for the days chosen! Let's say you want to open a gate Monday through Friday at the same time. Scroll down to #9 and you've got the days set!

If you want the timer to turn on and off on days selected from the 15 different programs, press the "day" key and select one of the 15 programs. Press the "timer" key and the display will show "1 on" set the time you want the unit to turn on by pressing the "hour" and "min" buttons respectively. To set the turn off time, press the "timer" key again and "1 off" will show in the display. Again, set the "hour" and "min" time . If you want more than 1 on/off per day, press the timer key again and set "2 on", "2 off" until you reach the maximum of 8 on/off's per day.

If you only want 1 on/off per day or if you have more on/off's per day, when you are done programming them in, press the "clock" key again and you are almost done. The timer is now set, but you need to push the manual button until the line is under "auto"

If you want to check what you have programmed in, press the "timer" button and it will display the settings you have programmed.

If you wish to change any or all on/off times, you must "reset" the timer. You cannot change just one setting.

Anti-burglar override:

If you use the timer for house lights when you are out of town, you can easily program the unit to randomly turn a light or radio on and off. By pressing and holding the "day" button and then pressing the "min" button a small symbol in the left corner of the display. The timer will now stop all programs and will randomly turn on once every 10-120 minutes. To resume standard programing, press and hold the "day" button and then push the "min" button. Original programming is now returned!