UNIVERSAL TIMER
INSTRUCTION MANUAL

DTS UNIVERSAL TIMER

7 Belgrade Ave, Spartan.
Sales: 011 392 5540
Technical: 082 460 7832

www.dtssecurity.co.za

Programming

- Hold both "**minutes**" and "**seconds**" push buttons in for 6 seconds; both LEDs will flash 3 times to confirm that the timer is now in program mode.
- Program TIMER 1 with dipswitch number 1 in the **OFF** position; push and hold the seconds, minutes, or both for hours and count the LED flashes. (Every flash = 1 second, minute, or hour).
- For TIMER 2, repeat the above process but with dipswitch number 1 in the **ON** position. The unit will exit program mode automatically after 12 seconds. You can also exit program mode by re-powering the unit.
- To **default** the unit, put all the dipswitches to the OFF position and put the unit into program mode. While the unit is in program mode, switch all dipswitches to the ON position. Now push and hold both "seconds" and "minutes" for 6 seconds until the LEDs flash 10 times. Allow 12 seconds for the unit to exit program mode by confirmation of 3 LED flashes.

Note: The above default procedure should be followed should the unit not react as it should for whatever reason.

A trigger between Negative (OV) & TRG must be used to start the timer.

Dipswitch selection

Dipswitch	ON	OFF	Comments
1	Level Trigger	Edge Trigger	**ON**- When triggered, the output will activate for the time set. If the trigger received is latched, the output will continue to be activated and restart the timer if the timer ends. **OFF**—When triggered, the output will activate for a time set.
2	Retrigger-able	Non-Retrigger-able	**ON**- When the timer is activated and it receives a second trigger, it will restart the timer from 0 **OFF-** The timer will not restart if it receives a second trigger while activated
3	Trigger N/O	Trigger N/C	**ON**- When the input trigger changes from **open** to **close**(normal pulse trigger), it will active the output **OFF**- When the input trigger from **close** to **open**(When the latch is deactivated), it will activate the output
4	Debounce	No Debounce	**ON**- The timer will not activate until the input trigger is released(Delay of 1 second before activation) **OFF-** The timer will activate immediately when the input trigger is received.
5	Delay Mode	Normal	**ON-** When triggered, Timer 2 will be activated, followed by Timer 1 **OFF-** Normal use.
6	Flip-Flop Mode	Normal	**ON—**When triggered, Timer 1 will be activated, followed by Timer 2, and the cycle will continue until another input trigger is received. **OFF-** Normal use
5 & 6	One Shot Timer	Normal	**ON-** When triggered, the output will activate and latch until another input trigger is received **OFF-** Normal use

Note: All states except for "Delay" and "Flip – Flop" will run on TIMER 1. Timers 1 & 2 can be stopped by retriggering the unit between OV (-) & TRG. The unit will stop any activity when a trigger is received between OV (-) & RST.

Manufacturers warranty.

- All goods manufactured by DTS Security Products carry a 24-month factory warranty from the date of invoice.
- All goods are warranted to be free from faulty components and manufacturing defects.
- Faulty goods will be repaired or replaced at the sole discretion of DTS Security Products, free of charge.
- This warranty is subject to the goods being returned to the premises of DTS Security Products.
- This warranty excludes lightning damage, insect damage, and damage caused by faulty installation.
- In the event the goods are supplied by the dealer, merchant, agent, or duly appointed installer of DTS Security Products, the claim must be directed to that supplier.
- The carriage of goods is for the customer's account.
- This warranty is only valid if the correct installation and application of goods, as laid out in the applicable documentation accompanying said goods, is adhered to.
- All warranty claims must be accompanied by the original invoice.
- The liability of DTS Security Products and / or their distributors is limited as herein set out DTS Security Products and / or their distributors will not be liable for consequential or incident damages, howsoever arising.