

# Guard Time Manager

Model No: GTM

## Specifications:

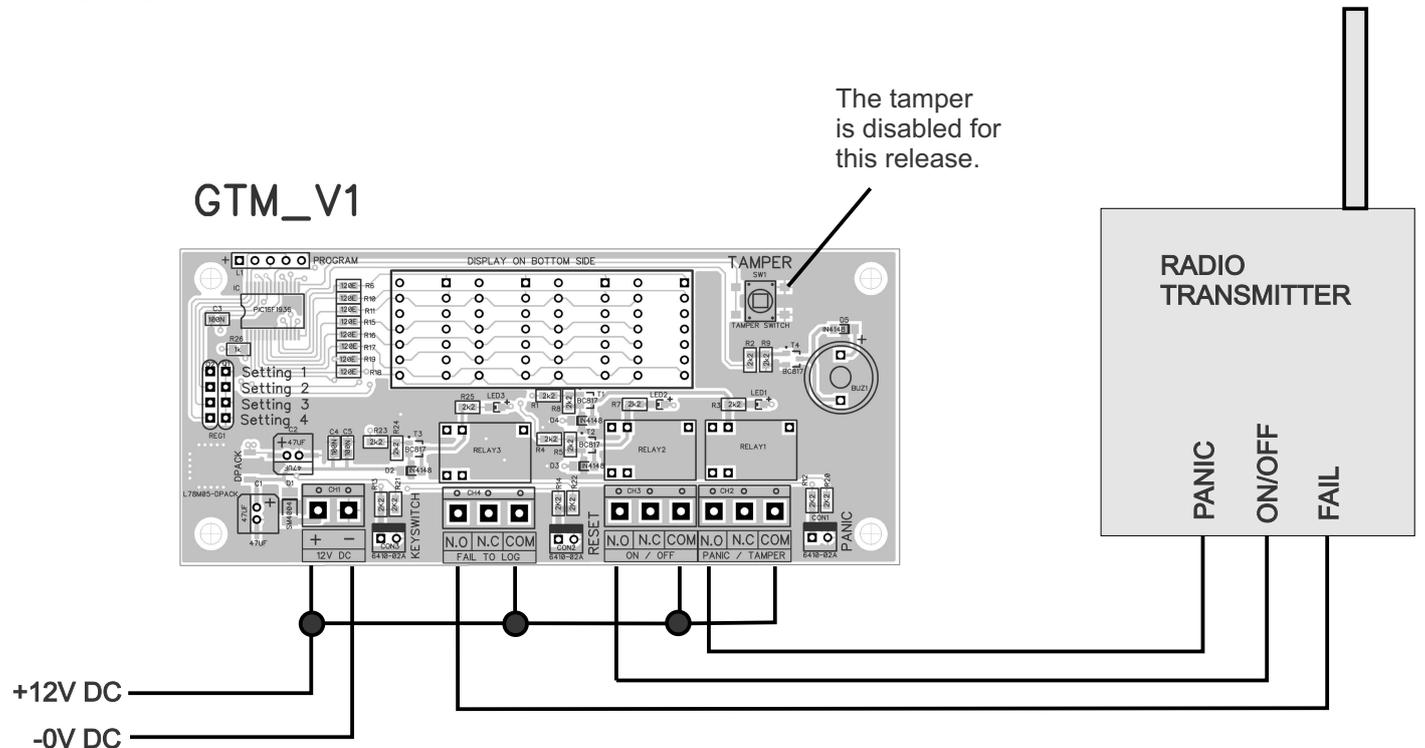
Power input range..... 12.0V ~ 15V DC  
RESET button life cycle.....200 000 Presses  
Current draw .....50mA  
Max Load on Relays .....1A  
Chassis Finish.....Black Powder coated  
Product dimensions.....150 x 120 x 35mm  
Packed weight.....685g  
Order code.....GTM  
Release date.....November 2010  
Product warranty.....1 year



## Applications & Features:-

The Guard Time Manager unit is designed to trigger a relay contact output when a security guard has not RESET the units count down timer. This output can be wired to a Alarm radio transmitter to report back to the control room that the security guard is asleep or failed to be on duty. The unit has a HELP panic button, and a ON / OFF duty output which is enabled via a key-switch. The unit has 4 jumper selectable time down settings between 15;30;45;60 minutes.

## Wiring Diagram:-



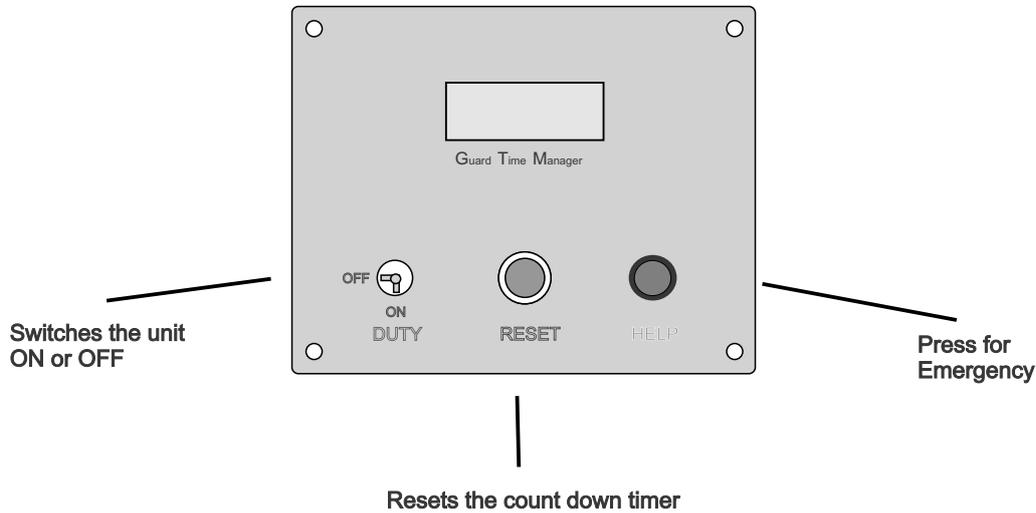
Note:- The unit will sound a beep 60seconds before its count down has reached 00:00  
Once the time reaches 00:00 the FAIL TO LOG relay output triggers and the units buzzer will sound continuously. This can only be reset by pressing the RESET button.  
The count down timer will start counting down again.

### Basic functions:-

The Guard Time Manager unit will start his count down timer once the Key-switch is turned to the ON position. The guard on duty has a responsibility to make sure that he presses the RESET button before the timer counts down to zero.

A 1 minute warning beep will sound alerting the guard that he will need to press the RESET button.

If the Guard on duty requires back-up assistance or help the Red HELP button can be pressed which will trigger the units Relay output. This relay can be connected to a Radio telemetry which sends an Emergency signal back to the security companies control room.



### Time functions:-

Set the unit to the desired count down time setting. This is done by bridging the shunt onto the Setting jumpers.

The unit has 4(four) settings that can be set. Either 15; 30; 45; or 60 minutes.

Please refer to the table below for the settings.

