

# GUARD WATCH - II

## MICROCONTROLLER BASED GUARD WATCH SYSTEM



- Indispensable tool for keeping a close watch on the performance of guards
- Dual reporting modes 'Basic Reports' & 'Day Summary Reports'
- Extra large non-volatile memory capacity of over 5000 records for basic reports.
- Secondary memory provides capacity for over 5 years of Day Summary Reports
- Basic Report - provides date and time stamping for each missed entry
- Day Summary Report - provide total number of missed entries for each day
- Keeps a record of last setup time to detect tampering by unauthorized persons.
- User programmable ON TIME & OFF TIME functions for each day of the week.

GUARD WATCH keeps a check on the alertness of guards posted in remote areas or on night watch. The guard is required to press a reset button when the system emits an alarm tone for a period of one minute which is repeated every 4 to 90 minutes as desired. If the guard fails to press the reset button during the alarm period, the time and date are recorded in memory.



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**STATIC  
SYSTEMS**

# Specifications

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- Operation:** 90-270V AC with integral battery backup.
- Processor:** High-reliability 8-Bit Microcontroller.
- Display:** 16x2 high-contrast, backlit, LCD dot-matrix display.
- Calendar clock :** Real-time clock, date and year display with leap-year correction.
- Repeat time:** Programmable repetition from 4 to 90 minutes or Random.
- Alarm Duration:** Programmable Alarm Duration from 1 to 3 minutes.
- System ON/OFF:** Programmable time during which system is in active mode.
- Synchronisation:** To avoid odd timings, the start of repetition time is synchronised with the next quarter-of-an-hour after programming. For example, a repetition time of 10 minutes set at 12:07 will start only at 12:15 being the following quarter and thereafter continue to repeat every 10 minutes.
- Anti-tamper reset:** Reset will not be acknowledged in the event the button is kept permanently pressed unless released and pressed again.
- History log:** Over 5000 missed-events log of time, date and month.
- Memory recall:** Scrollable from last event to first event through front panel button.
- Memory warning:** Warning at 4500 events have been recorded.
- Strobe alert:** High-Intensity LED flashes during alarm period for visual warning.
- Tone alert:** High pitch tone through resonant piezoelectric transducer.
- Volume:** Two-step switch-selectable volume control.
- Security:** Set-buttons are accessible only by opening the panel with a key.
- Last Setup Time Record:** Last setup time recorded to provide added security against tampering of settings.
- Basic Reporting:** Basic reporting feature gives detailed information about date and time for each missed entry.
- Day Summary:** Day summary reports provide total number of missed entries for each day, to provide extra convenience for performance evaluation of the guard.
- Housing:** Rugged and tamper proof metal housing for wall mounting.
- Size:** 280mm x 180mm x 55mm.
- Weight:** 2kg.

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