

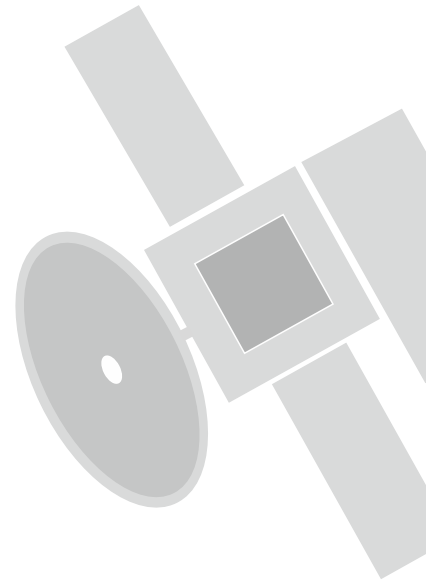
# GDT Series

GPS Clock

**Essae**<sup>®</sup>  
...for Excellence



GDT-57



GDT-57SS



GDT-100-6

Right Time, Every Time



## Technical Specification

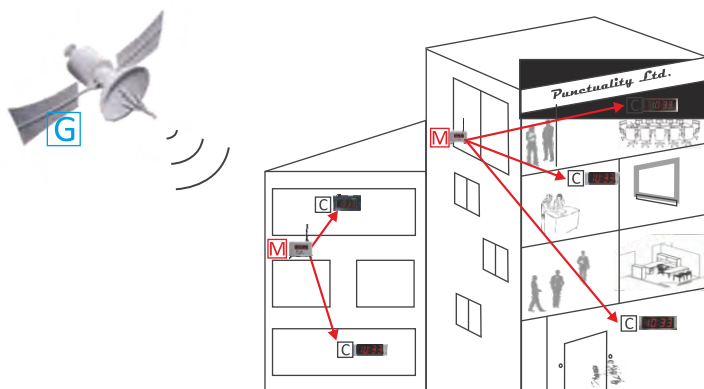
| Model      | Display height (mm) | Dimension (L x H x D) mm | Remarks                                 |
|------------|---------------------|--------------------------|-----------------------------------------|
| GDT-57     | 57                  | 290 x 93 x 36            | HIPS (Plastic), Black                   |
| GDT-57SS   |                     | 307 x 117 x 37           | SS-304                                  |
| GDT-57FLP  |                     | 350 x 199 x 89           | Flame proof enclosure with SS-304 cover |
| GDT-57-6   |                     | 421 x 117 x 31           | SS-304, HH:MM:SS                        |
| GDT-100SS  | 100                 | 500 x 180 x 39           | SS-304                                  |
| GDT-100FLP |                     | 595 x 292 x 101          | Flame proof enclosure with SS-304 cover |
| GDT-100-6  |                     | 614 x 180 x 39           | SS-304, HH:MM:SS                        |

## GDT-Master



- GPS receiver module
- 866 MHz Wireless RF Transmitter
- $\pm 1$  sec accuracy
- RF Coverage 400 m (Line of Sight)  
(depends on site conditions)
- Optional Time zone display

## Working principle of GPS Clock



1. GPS Satellites **G** transmit accurate atomic time to all the Masters **M** in the facility
2. Masters **M** re-transmits this time at regular intervals to all the clocks **C** through wireless RF signals
3. Clocks **C** display uniform accurate atomic time all the time

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