

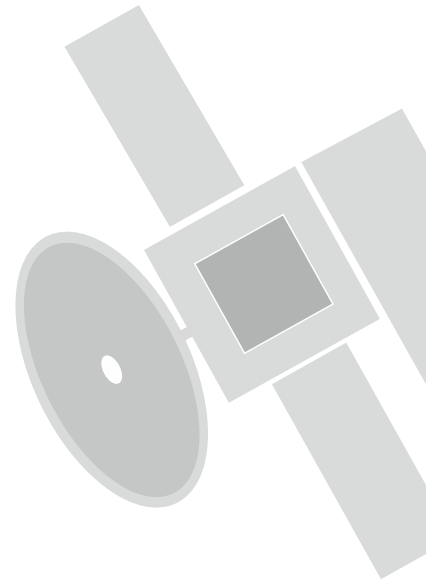
# GDT Series

GPS Clock

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



GDT-57



GDT-57SS



GDT-100-6

Right Time, Every Time



## Technical Specification

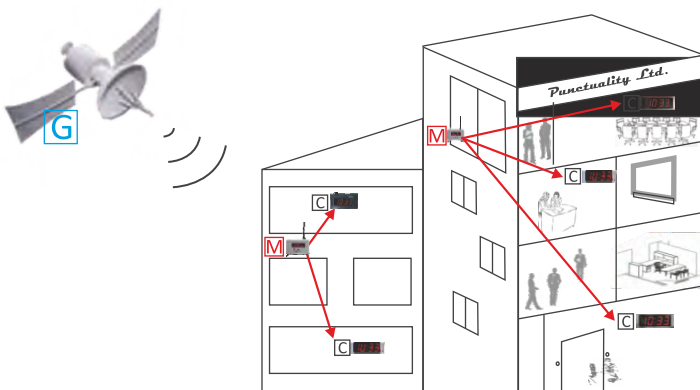
Model	Display height (mm)	Dimension (L x H x D) mm	Remarks
GDT-57	57	290 x 93 x 36	HIPS (Plastic), Black
GDT-57SS		307 x 117 x 37	SS-304
GDT-57FLP		350 x 199 x 89	Flame proof enclosure with SS-304 cover
GDT-57-6		421 x 117 x 31	SS-304, HH:MM:SS
GDT-100SS	100	500 x 180 x 39	SS-304
GDT-100FLP		595 x 292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