

ASL GeoTime 2407

GPS Time Synchronized Clock with LED Display



GeoTime 2407

General Features

- Large bright red LED Time Display (4digit hrs, mins)
- Built in Real Time Clock (RTC)
- GPS Synchronized Time
- Indian Standard Time (IST)
- Alarm
- RS232 serial data output.
- RS422/RS485 output to link external display boards.
- wall mountable
- plug and play portable weather proof antenna

Optional Features

- Visual Indicator for GPS Time Sync
- Backup Power Supply for 30mins
- Magnetic mount for antenna
- Weather proof casing

Specifications

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DISPLAY SYSTEM

Features	Description
Clock Types	Seven Segment LED Matrix
LED Size	5mm
Pitch	10mm
LED Color	RED
Display Matrix	2 row's of LED's per segment
LED Intensity	≥300 mcd
Character height	7 inches or 18cms approximately.
Character Width Display	3.5 inches or 9cms approximately.
Format	88:88
Display Area	190mmx450mm
Timing Synchronization	From GPS Receiver
Display Language	English

GPS

Receiver	16 channel L1 frequency, C/A code, tracks all satellites in view.
Accuracy	~3m without SA
Acquisition time	<3.5 secs. – hot start <45 sec – cold start
Position update rate	Once per second

ANTENNA

Type	Active patch antenna
Frequency	1.575 GHz.
Polarisation	Right hand circular
LNA gain	27 db (Typ.)
Termination	SMA
Mounting	Magnetic

ELECTRICAL AND ENVIRONMENTAL

Voltage	230V AC
Power consumption	30Watts
Data transmission	Rs422/RS485/RS232
Operating temperature	0°C to +70°C
Storage temperature	-20°C to +85°C
Humidity	95% RH at +40°C

MECHANICAL

Enclosure	Aluminum alloy enclosure
Finish	Powder Coated with matte finish to prevent rusting with Water splash proof design.
Overall Housing Dimensions	9"(H)x18"(L)x9"(D)
Weight	5Kgs

Due to continuous product development ASL reserves the right to amend or alter the specifications without any prior notice

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