

CELESTRA Series II

Time & Date Digital Clock

FEATURES:

- Comprehensive display format, time of day, day of week, day of month & month of year.
- Compatible with all Simplex Master Clock correction protocol
- Perpetual daylight savings correction (set once and forget)
- Temperature Compensated Oscillator option
- Alpha display of Day of Week and Month of Year

Accuracy:

- Slave operation – Master Clock dependant
- External time base –50/60Hz mains frequency dependant
- Internal time base – ± 12 min/yr (TCXO option – ± 1 min/yr)

Slave Clock Correction Formats:

- Simplex Standard BCD (time)
- Simplex Extended BCD (time/date)
- Sync Wired
- SR2 corrective minute impulse
- Reverse Polarity minute impulse

Specifications:

- Power supply – AC Adaptor: 12vac 500ma
- Correction voltages 0v – 30vdc
- 2 x RJ11 input/output sockets for BCD serial data
- 25 year battery backup (time and configuration data)

Dimensions:

- Hour / Minute digits 65mm
- Seconds / Month digits 50mm
- Alpha characters 50/35mm
- Enclosure – H 195mm x W 372mm x D 70mm (top) : D 50mm (bottom)



Description

The Simplex **Celestra II** highly accurate & readable time / date display is suitable for either “stand alone” commercial, finance industries, or with its array of master clock correction protocols, perfect for large transport infrastructure applications. The Celestra II “**Clip in**” technology means you can upgrade your existing analogue slave clocks to a comprehensive digital display without expensive wiring.

Ask about our “Network-to-Master” interface products that can synchronise your clock system and PC’s to Network Time Servers