

# DDC2 & DDC4

Lathem Digital Display Clocks Help You Stay on Track of Your Most Precious Resource... Time!

## DDC Digital Display Clocks System Secondary Clock with 2" or 4" Display

### Standard Features

- Operates as a secondary clock to virtually any master controlled system.
- Available in 115V or 24V models.
- New 2-inch display model is ideal for smaller office and classroom environments.
- Large 4-inch tall digital display model is highly visible from 100 feet.
- Ability to count-up and countdown using the DDC-TC Timer Control sold separately.
- Selectable time display is 12 hours and minutes with PM indicator or 24 hours and minutes.
- During power failures a 9 volt alkaline battery provides power to continue timekeeping. When power resumes, the display illuminates the correct time.
- Can be directly mounted to the wall or mounted to a single gang outlet box. With optional kits, clocks can be dual wall mounted or dual ceiling mounted. A vented hole plug is provided for 1/2 inch conduit.
- A standard RS485 port allows automatic correction from Lathem's mini:master, LTR8-512, Omni:Chron II electronic time clock, or LTR-GPS Receiver/Synchronizer.
- When desired, you can install additional clocks or replace worn clocks in an existing analog system.

### Compatible with these popular analog systems:

- Lathem 3-wire synchronous or equivalents
- Lathem 3-wire minute impulse with hourly correction or equivalents
- Lathem 3-wire minute impulse with hourly and twelve hour correction or equivalents



DDC2



DDC4

### Other Compatible Systems

- Standard Electric Time's synchronous, AR-2, AR-2A and AR-3
- Cincinnati's D-1, D-6 and D-8
- Honeywell's ST402A
- Faraday's synchronous
- Simplex's 45th and 59th minute dual motor
- Edward's dual motor and 2406
- National Time's synchronous
- Stromberg's synchronous (56th minute)
- Dukane's 2-wire pulse alternating systems electronic coded and straight frequency systems (requires a 3510 Hz receiver -- not provided)
- 44th and 58th minute hourly corrective (3-wire)
- 59th minute hourly corrective pulse reversing (2-wire)



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## 2" Display Specifications

Dimensions:	4.88"H x 10.25"W x 3.13"D (12.4cm x 26.2cm x 7.9cm)
Weight:	3.2 lbs. (1.451 kg)
Display:	2-Inch Red 7-Segment LED / 4 Digit LED
Housing:	Extruded aluminum main case with black textured paint, red lexan panel; steel end caps with black textured paint.
Line Power:	24V AC, 400 mA typical (RS-24) 115V AC, 80mA typical 220V AC, 40mA typical (opt.)
Standby Power:	9V DC, 1.2 mA alkaline battery (not included)
Correction Signal:	115VAC, 6.5mA 24VDC, 16mA 48VDC, 40mA 60VDC, 56mA 24VAC, 6.5mA
Mounting:	Single Wall Double, ceiling or wall

## 4" Display Specifications

Dimensions:	6.75"H x 15.50"W x 3.13"D (17.1cm x 39.0cm x 7.9cm)
Weight:	9 lbs. (4.086 kg)
Display:	4-Inch Red 7-Segment LED / 4 Digit LED
Housing:	Extruded aluminum main case with black textured paint, steel front panel with black textured paint; molded plastic end caps with black texture.
Line Power:	24V AC, 400mA typical (RS-24) 115V AC, 80mA typical 220V AC, 40mA typical (opt.)
Standby Power:	9V DC, 1.2 mA alkaline battery (not included)
Correction Signal:	115VAC, 6.5mA 24VDC, 16mA 48VDC, 40mA 60VDC, 56mA 24VAC, 6.5mA
Mounting:	Single Wall Double, ceiling or wall

## Accessories



### OPTIONAL LTR-GPS

GPS Satellite Receiver/ Synchronizer

The LTR-GPS can synchronize a network of up to 31 DDC-Series clocks to an 'Atomic' reference. More clocks, or distances greater than 4000 feet can be achieved using a SWIFT-485+ repeater.



### OPTIONAL DDC-TC

Precision Timer Control

The DDC-TC allows you to use your Lathem digital wall clock for counting and timing applications. As a timer, the clock acts as a "Stop Watch", counting up from 00:00 when activated. As a countdown clock, you preset a time interval (hours and minutes) from which the clock counts down to zero.



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