

# ANALOG WALL CLOCKS



Lathem Analog Wall Clocks feature high, quality glass lens (shatterproof Lexan is optional) and heavy gauge steel casings. Fine brass movements provide silent, trouble free operation. Hidden stem sets are mounted behind the case top to prevent tampering.

While the 12 inch round case is standard in surface, semi-flush, or double face mounts, other sizes and shapes are available to complement every decor. Optional cases available are: 10" round and square, 12" square, and 15" round.

## Surface Mount Clocks

Surface Mount Clocks fasten either directly on a wall or base outlet (single or double gang wall box). Mounting brackets are supplied that secure the clock by a locking nut from the top.

## Semi-Flush Mount Clocks

Semi-Flush Mount Clocks fasten directly on the wall, and require a special box. The clock extends 7/8" from the wall. (Back Box optional).

## Double Face Mount Clocks

Double Face Mount Clocks can be hung from the ceiling or wall, and require a special box and adapter plate that is furnished with each clock.

## Face Style Choices



12 Hour Round



12 Hour Square



24 Hour Round



24 Hour Square

## Surface Mount



## Semi-Flush Mount



## Double Face Mount



# ANALOG WALL CLOCKS

## Specifications

<b>Shape</b>	10", 12", 15" Round or 10", 12" Square
<b>Face</b>	Arabic (1-12 or 0-23)
<b>Color</b>	Charcoal Gray
<b>Mounting Styles</b>	Semi-Flush, Surface or Double (Ceiling or Wall)
<b>Correction</b>	Manual for Independent, Hourly and 12 Hourly for SS, or Hourly (12 Hourly optional) for ISC
<b>Motor Input Voltage</b>	115V AC for Independent, 115V AC (24V AC optional) for SS
<b>Motor Input Frequency</b>	60Hz (50Hz optional) for Independent and SS
<b>Motor Input Power</b>	4 Watts (8 Watts for Double Clock) for Independent and SS
<b>Coil Input Voltage</b>	115V AC (24V AC or 24V DC optional) for SS, 24V DC min., 36V DC max. for ISC
<b>Coil Input Frequency</b>	60Hz (50Hz or V DC optional) for SS
<b>Coil Input Power</b>	5.4 Watts for 115V AC SS Type; 3.5 Watts for 24V AC & 24V DC SS Type; 0.7 Watts for 24V DC ISC Type
<b>Connector</b>	Cord set for independent, polarized quick disconnect connector plug with socket pins. Mating female connector is provided with approximately 18 inches of wiring for SS and IS.

Type Clock Dial	10" Square Flush	12" Square Flush	12" Round Flush	15" Round Flush	10" Square Surface	12" Square Surface	10" Round Flush	10" Round Surface	12" Round Surface	15" Round Surface
<b>Dial Dimensions</b>	10.12" x 10.12"	12.12" x 12.12"	12.12" x diameter	15.75" x diameter	10.12" x 10.12"	12.12" x 12.12"	10.12" x diameter	10.12" x diameter	12.12" x diameter	15.75" x diameter
<b>Outside Dimensions</b>	11.12" x 11.12"	13.12" x 13.12"	13.12" x diameter	16.75" x diameter	11.25" x 11.25"	13.12" x 13.12"	11.12" x diameter	12.5" x diameter	14.5" x diameter	18.25" x diameter
<b>Overall Proj. from Wall</b>	1.75"	1.75"	1.62"	1.75"	3.87"	4"	1.75"	3.75"	3.87"	4"
<b>Center of Clock Below Center of Outlet Box</b>	App. Same	App. Same	App. Same	App. Same	3.75	4.12	App. Same	3.5	4.62	6.5
<b>Synch. Ship. Wt. (lbs.)</b>	11.8	13.6	11.9	14.3	9.5	11.6	6.0	8.5	9.5	11.6
<b>Impulse Ship. Wt. (lbs.)</b>	10.1	12.0	10.2	12.6	7.9	10.0	6.0	7.8	7.5	10.4

### SYNCHRONOUS WIRED SECONDARY CLOCK

Shapes shall be round and square and sized for 10", 12", or 15" dials. Mounting styles shall be semi-flush, surface, and double with the double mounting from either wall or ceiling. Dials shall be made of .015" duplex white stock and have either 12 hour or 24 hour Arabic numerals in Helvetica. Numbers on 10" dials shall be 1 1/8" high and increase proportionally for the 12" and 15" dials. There shall be a second sweep hand in addition to hour and minute hands. Dial and hands shall be protected by a convex glass lens (shatterproof lexan lens optional). Hands finished in black and the second hand in red. The case shall be made of 22-gauge steel with a black finish.

There shall be a synchronous motor and brass movement for local timekeeping, and a correction coil for synchronization with a master control unit. The motor shall operate from 115V AC (24V AC optional) at 60Hz (50Hz optional). The correction coil voltage shall be 115V AC (24V AC and 24 DC optional). Semi-flush and surface clocks shall require 4.8 watts maximum and double clocks 9.6 watts maximum.

An 8-second signal applied to the correction coil initiates an hourly correction cycle to set the minute and second hands to HH:59:00. A 14-second signal shall initiate a 12 hour correction cycle to set all hands to 5:59:00. During a correction cycle, the minute hand shall move one minute per second.

### IMPULSE SECONDARY CLOCK

Shapes shall be round and square and sized for 10", 12", or 15" dials. Mounting styles shall be semi-flush, surface, and double with the double mounting from either wall or ceiling. Dials shall be made of .015" duplex white stock and have either 12 hour or 24 hour Arabic numerals in Helvetica. Numbers on 10" dials shall be 1 1/8" high and increase proportionally for the 12" and 15" dials. There shall be minute and hour hands made of formed metal with a black finish. The dial and hands shall be protected by a convex glass lens (shatterproof lexan lens optional). Hands finished in black and the second hand in red. The case shall be made of 22-gauge steel with a black finish.

There shall be a 24V DC impulse coil and lockout switch arrangement for the time advancement by a master control unit. The arrangement shall be for a 2 or 3 wire configuration. There shall be hourly and 12 hour correction capability with a break away tab for easy conversion to hourly only. Correction shall be to the 59th minute during hourly correction cycles and to 5:59 during 12 hour correction cycles. The coil shall operate over the voltage range of 18V AC to 36V AC and the current requirement shall typically be 30ma at 24V DC.

### INDEPENDENT SYNCHRONOUS CLOCK

Shapes shall be round and square and sized for 10", 12", or 15" dials. Mounting styles shall be semi-flush, surface, and double with the double mounting from either wall or ceiling. Dials shall be made of .015" duplex white stock and have either 12 hour or 24 hour Arabic numerals in Helvetica. Numbers on 10" dials shall be 1 1/8" high and increase proportionally for the 12" and 15" dials. There shall be a second sweep hand in addition to hour and minute hands. Dial and hands shall be protected by a convex glass lens (shatterproof lexan lens optional). Hands finished in black and the second hand in red. The case shall be made of 22-gauge steel with a black finish.

Time shall be maintained by a 4 watt synchronous motor and brass movement which operate from 115V AC at 60Hz.



**LATHEM TIME**

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