

SONACHRON®

The SONACHRON® Program Timer is Ideal for Schools and Industry

- ▶ If desired, a dip switch can be set for operating the unit as a control device. As a control device, the relay latches ON or OFF according to your schedule.
- ▶ A keypad allows easy programming and changes to schedule(s) for operating the internal 10 AMP dry contact relay.
- ▶ Program the weekly schedule with up to 1,440 events. Each event includes the day(s) of the week and the time.
- ▶ If you wish to signal lunches and breaks manually, press the START LUNCH or START BREAK key to sound the break-start bell. Warning and end-of-break bells automatically sound when the break is over.
- ▶ Signal duration can be set from 1 to 99 seconds.
- ▶ If desired, a 4-digit security code entry can be required by keypad for preventing unauthorized tampering of schedules.
- ▶ The SONACHRON® can be connected to an OMNI:CHRON II® time recorder when it is necessary to synchronize the bells to the OMNI:CHRON II®.
- ▶ If desired, Daylight Savings Time changes can automatically occur on the last Sunday in October and the first Sunday in April at 2:00 AM.
- ▶ An internal battery retains memory and timekeeping during power failures lasting up to 10 days. Battery recharges automatically when power resumes.
- ▶ Quartz time base provides accuracy of ± 2 minutes per year.
- ▶ Knock-outs are provided for easy wiring and installation.
- ▶ The SONACHRON® is made entirely in the USA by an established family business (since 1919), assuring you courteous, prompt service.



Actual dimensions: 9.5"W x 5.3"H x 3.3"D
(24.1cm x 13.5cm x 8.4cm)
Shipping weight: 7 pounds (3.2 kg).

Complies with Class A of FCC Rules
Patented under U.S. Patent Nos. 4,387,420 and 3,903,515
Lathem SONACHRON and OMNI:CHRON II are registered trademarks of Lathem Time Corporation.

- ▶ Improves Attendance
- ▶ Organizes Schedules
- ▶ Controls Lunch Breaks
- ▶ Controls HVAC, Lights or other Electrical Equipment

Lathem
M.R.

Keeping American on Time Since 1919

Lathem Time Corporation
200 Selig Drive SW
Atlanta, Georgia 30378
U.S.A.

SONACHRON®

Specifications	
Input Voltage	115V AC (220 optional)
Input Frequency	50Hz/60Hz
Input Power	20 Watts Max.
Standby Power	1.2 Amp Hours, 6V battery included (Rechargeable)
Standby Time	10 days
Timing Accuracy	Per line frequency
Number of Events	1440 (any combination of weekdays)
Signal Duration	Programmable - 1 to 99 secs
Daylight Savings	Automatic (Disable by dip switch)
Time Display	12 or 24 hr selectable
Comm Port	RS485 - Receiver
Relays	10 Amp Dry Contact
Signal Circuit	Single
Temperature Range	0°C to 60°C
Voltage Range	±10% of input voltage
Shipping Weight	7 lbs. (3.2 kg)
Dimensions	9.5" W x 5.3" H x 3.3" D (24.1cm x 13.5cm x 8.4cm)

Clock Guard

Dimensions		Weight
12"	15"W x 15"L x 4"D	4 lbs.
15"	18"W x 18"L x 5"D	5 lbs. 10 oz.

Vibratone Horn

Input Voltage	dBA at 100 feet
24V AC	100
115V AC	100
240V AC	100

With single projector 6"
With double projector 12"

4" Horn

	Input Voltage	Rated Current	dBA at 10 feet
4"	115V AC	0.160	95
4"	24V AC	0.750	92

AC Vibrating Bell

	Input Voltage	Input Current	dBA at 10 feet
6"	24V AC	0.410	86
6"	115V AC	0.085	86

Accessories

Lathem accessories are engineered to the exact specifications and standard of quality as our major product group. You're assured of reliable, durable performance.



Clock Guard



4" Horn



6" AC Vibrating Bell



Vibratone Horn
with Projector