

Features

- Available in Surface Mount (6303-9101) or Flush Mount (6303-9103) Configurations
- Flush Mount Version Includes Back Box
- Digital Clock with Bright Red LED Display
- Display Provides Hours, Minutes, and Seconds
- Digit Size:
 - Hour and Minutes, 2-5/16" High
 - Seconds, 1" High
- Code Blue Operation from Normally Open Contacts (Low Voltage \approx 5V)
- Clock Correction Modes:
 - Synchronous-Wired Hourly and 12 Hourly
 - BCD Instantaneous Correction
- Optional 6303-9202 Timer Control Provides:
 - Count Up Timer with Audible Alarm & Hold
 - Count Down Timer with Audible Alarm & Hold



6303-9101 Clock/Timer (Surface Mount)



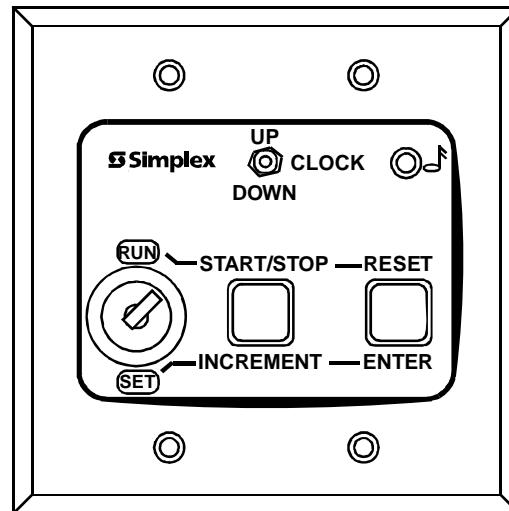
6303-9103 Clock/Timer (Flush Mount)

Description

The Simplex model 6303-9101 and 6303-9103 Clock/Timers are multi-function units designed for applications where both time indication and timing functions are required in a single unit. Applications include Hospital Operating Rooms, and ICU areas, as well as School Typing rooms and Science labs.

When Timing or Code Blue functions are desired, the 6303-9202 control station is required. Code Blue is the highest priority. In this mode, when the Normally open contact (controlled by the Code Blue system) closes, the display is automatically reset to 00:00:00 and begins counting up.

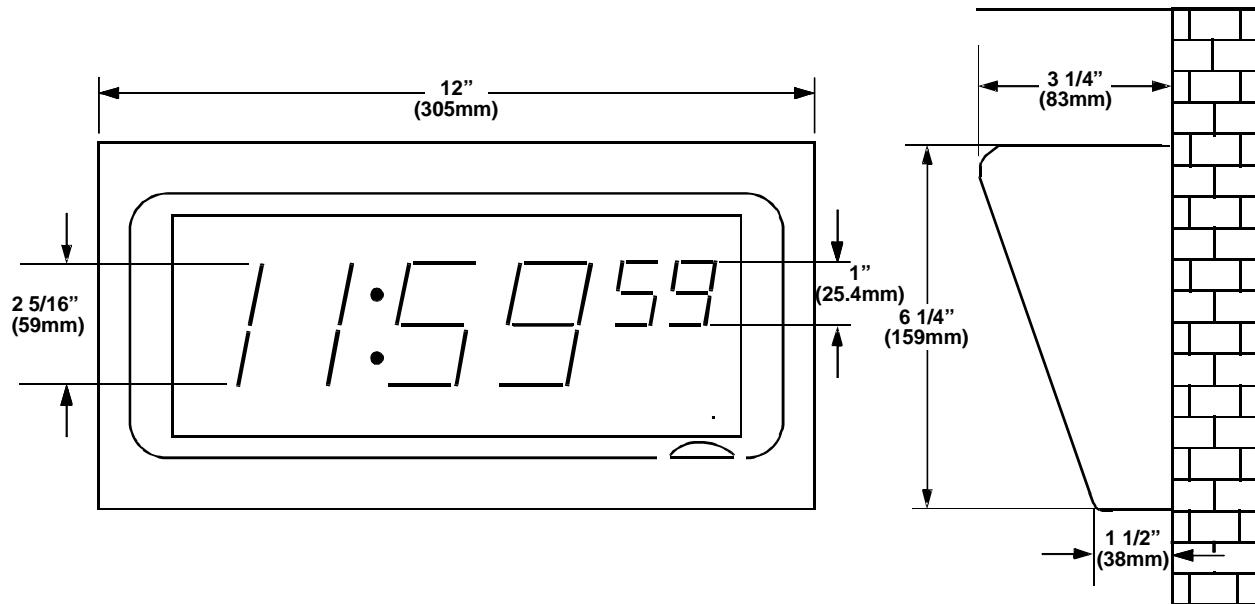
In the Timing or Code Blue modes, all clock functions including clock synchronization continue to operate in the background. A 9-volt rechargeable battery is included with the unit to provide approximately 4 hours of timing retention during a power failure.



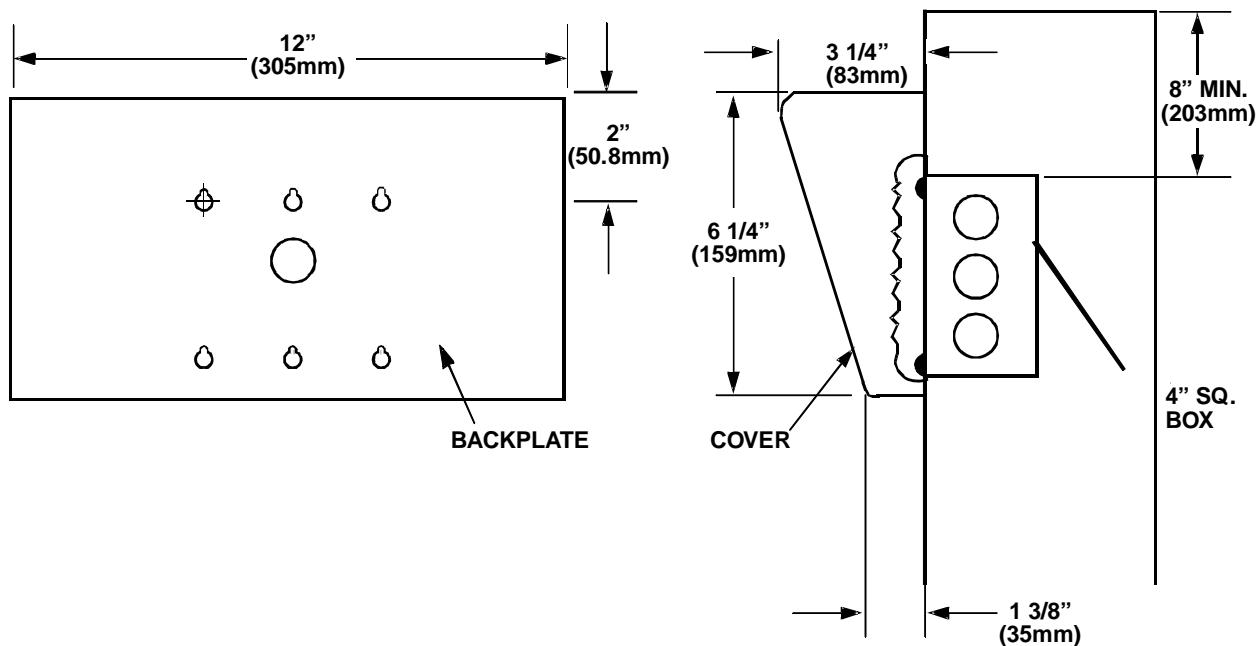
6303-9202 Control Station

Dimensions and Mounting Details for 6303-9101

The Digital Clocks can be surface mounted (6303-9101) or flush mounted (6303-9103). Surface mounting instructions and details are illustrated below. Flush mounted (6303-9103) versions include a back box.

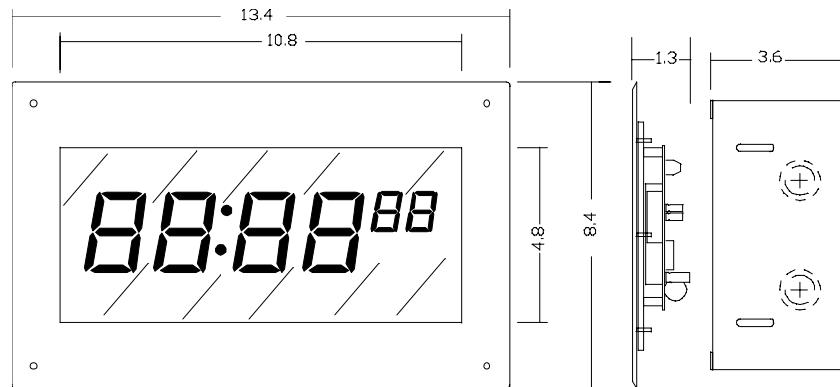


NOTE: Minimum space between top of electrical box and ceiling is 6 inches (152 mm).

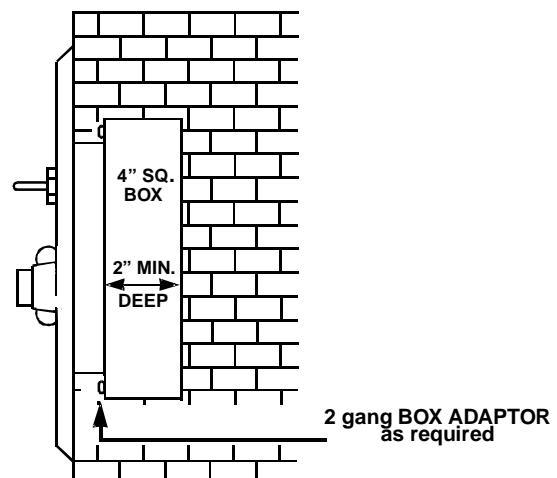
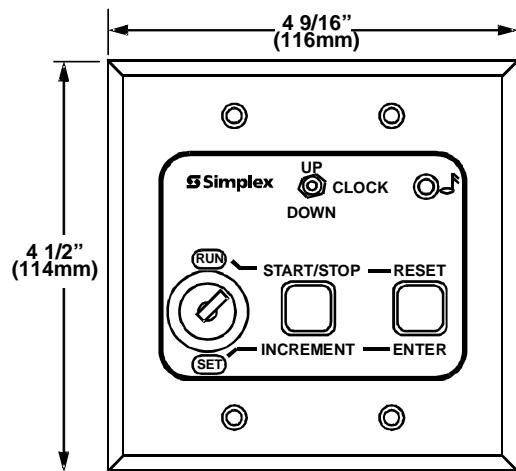


Dimension and Mounting Details for 6303-9103

**White Painted Steel,
Flush Mount Enclosure
(Back Box included)**



Dimension and Mounting Details for 6303-9202 Control Station



Indications

Audible Alarm – used to indicate that a timer is done counting.

6303-9101, -9103 Digital Clock/Timer

- Hours and minutes – 2-5/16" bright red, seven segment LEDs. Hours and minutes are separated by a colon.
- Seconds – 1", bright red, seven segment LEDs

6303-9202 Control Station

- 2-second audible alarm

Switch Functions

Run/Set Switch:

Set position:

Used to set time of day (clock), set a preset up or down counting time (timer), or reset the Code Blue timer.

Run position:

Used to permit Clock/Timer to operate.

Up/Clock/Down Switch:

Up Position:

Used to choose up counting elapsed timer mode

Clock Position:

Used to choose clock mode

Down Position:

Used to choose down counting elapsed timer mode

Start/Stop/Increment Switch:

Used to start, stop, and resume timer count, when Run/Set Switch is in Run position (Code Blue timer can only be stopped).

Used to change a field (i.e., 12/24 hr. format, hour digits) when Run/Set Switch is in Set position.

Reset/Enter Switch:

Used to return a timer (excluding the Code Blue timer) to the beginning of its count, when Run/Set Switch is in Run position.

Used to select a field (i.e., 12/24 Hr. format, hour digits) when Run/Set Switch is in Set position.

Specifications

General

Weight

6303-9103 Clock/Timer (Surface and Flush)	5.3 lb
6303-9101 Digital Clock/Timer	4.27 lb
6303-9202 Control Station	0.27 lb

External Dimensions

6303-9101 Digital Clock/Timer	12" W x 6-13/64" H x 3-1/4" D
6303-9202 Control Station	4-9/16" W x 4-1/2" H x 1-1/4" D

Electrical

Power Requirements (6303-9101, -9103 only)	
Line Voltage	120VAC 60 Hz
Battery	9 VDC rechargeable Ni-Cad battery
Battery Charger	9 VDC direct current source with current limiting resistor
Current (6303-9101, -9103)	35 mA at 120 VAC
Memory Retention on Loss of Line Voltage	4 hours with fully charged battery
Distance 6303-9202 from 6303-9101, -9103	30 ft. maximum with 22 AWG stranded wire with minimum 1/32" thick insulation

Environmental

Ambient Operating Range	10°C to 49°C (50°F to 120°F)
Recommended Storage Temperature	-30°C to 45°C (-22°F to 113°F) for six months maximum
Humidity	85%RH at 30°C (86°F)

Mounting

6303-9202 Control Station	
6303-9101 Digital Clock/Timer	4" square electrical box. Flush with finish surface.
	2 gang electrical box. 4" SQ with appropriate adaptor plate by others. Flush with finish surface.

Operation

Modes Available:

- BCD Correctable Clock/Timer
- Correctable Clock/Timer (hourly and 12-hourly synchronous – wired)
- Incrementing timer with programmable preset value and start/stop capability
- Decrementing timer with programmable preset value and start/stop capability
- Code Blue incrementing timer

Note: Maximum preset value for up or down timer is 30:59:59.

Accuracy:

- With line voltage applied – line synchronous
- With line voltage not applied - $\pm 0.005\%$ at 25°C