Installation Instructions

ZONEX SYSTEMS

comfort you control

GCLK
7-Day Programmable Time Clock
For System 2000 *GEN II*

Description

The GCLK is a 24vac 7-Day programmable time clock offered by Zonex Systems, exclusively for the GEN II control system. This digital time clock will enable the control system to operate with "Global" Occupied and Unoccupied schedules in a 7-day format. The GCLK is powered from the GEN II controller power supply, and there is a backup battery to protect the time clock program for up to 100 hours.

Installation

The GCLK must be installed on an interior wall next to the GEN II controller. Both the GEN II controller and GCLK time clock must be easily accessible to monitor status and to make program and function changes.

Remove the clear dust cover lens and loosen two screws on opposite corners of the clock module. Remove the housing that surrounds the time clock, and the wire terminal cover. Remove the clock module by pulling straight out from the base. Install the backing plate to the wall with 3 screws (provided).

The GCLK is powered from TR1 and TR2 on the GEN II controller, to terminals 1 and 2 on the time clock terminal base. The Normally Open switch contacts on the time clock, 3 and 5 are wired to the TC terminals on the GEN II controller.
See *Fig. 1*

Press the clock module back into place, making certain that it is seated correctly. Install the wire terminal cover and the clock housing with the 2 screws. Install the clear dust cover lens in place.

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Electrical Specifications

Input: 24vac @1va (Terminals 1&2)
　　　　18 ga. thermostat wire

Output: NC contacts (Terminals 3&5)
　　　　　18 ga. thermostat wire

Wire Connection: Screw terminals

General Specifications

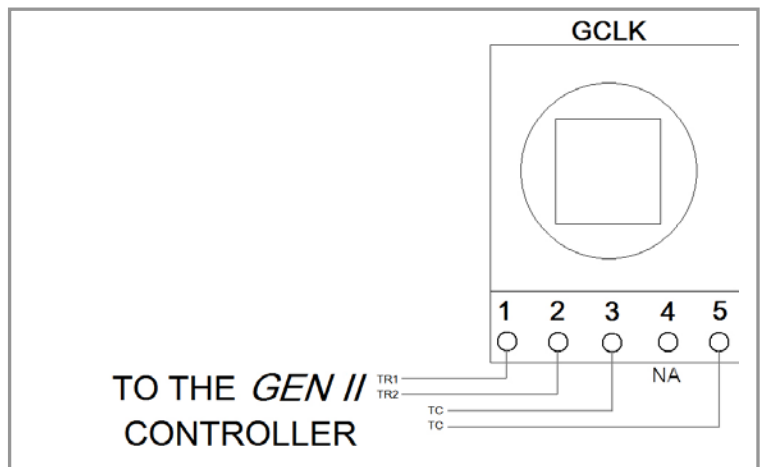**Dimensions:** 2 7/8"W x 4 ¼"H x 2 ½"D

Program Memory: 100 Hr Battery backup

Ambient Temp Range:
-14°F (-10°C) to 131°F (55°C)

Daylight Savings: Manual change key

Display: LCD

Fig. 1

GCLK

1　2　3　4　5

TO THE *GEN II* CONTROLLER — TR1 / TR2 / TC / TC — NA

Quick Start Guide - Part #GCLK

Set Clock
24h or **AM/PM** operation
Press **Menu** Button
24 will flash in left hand corner of time clock
Press **–** button to toggle between 24 and AM/PM operation
When desired mode is flashing, Press **OK** to set

Hour number will then flash
Press **+** or **–** buttons to raise or lower time to current hour
AM and PM will change with time advancement
When desired hour is displayed, Press **OK** to set

Minutes will then flash
Press + or – to raise or lower time to current minutes
When desired minutes are displayed, Press **OK** to set

Day of the Week indicator is now flashing
Press + or – to change indicator to current day of the week
When icon is flashing next to current day, Press **OK** to set

Clock Is Set. GLCK is now in Programming mode

PROG 01 icon will be visible; Press **OK**.   A semicircle icon with a dot in the middle is under the PROG 01. This indicates an Occupied or Day Mode of operation.

Hour Number is now flashing (This is the first scheduled Occupied or Day Start time) Press **+** or **–** to adjust hour to desired start time.
When desired hour is displayed, Press **OK**

Minute Number is now flashing
Press **+** or **–** to change minute to desired minutes
When desired minutes are displayed, Press **OK**

Days Monday thru Sunday will have **icons flashing** next to them.
This allows installer to choose which days will follow this schedule or have an independent schedule.
Press **+** or **–** button to adjust days desired; when icon is not flashing next to day, the day has been removed from the schedule.
When desired days are set, Press **OK**

PROG 02 will now be visible; Press **OK**. A semicircle that is empty (no dot) in the middle indicates an Unoccupied or Night setting.
Repeat steps above to set time and days for schedule. This is to set the Unoccupied or Night time program.
When desired time and days are set, Press **OK**

PROG 03 will then be visible.
Use PROG 03 through 20 as needed to set weekend schedules or each day of the week independently. Follow steps above to modify schedules.

When all schedules have been entered, Press **Menu** to place time clock in normal operation.

To change between **AUTO**, **OVR** (Override ON) and **OVR** (Override OFF – CH1), press **+** button.

To reset time clock to original configurations, press **Reset** button.

For daylight savings, press **+1** button to activate or deactivate daylight savings features.