



SWS Network Clock/Programmer

- ◆ Scheduling and automation module for SWS panels
- ◆ Controls up to 8 channels across a lighting control network
- ◆ Choice of up to five control scenarios
- ◆ Astronomical and standard time functions or automatic interface to optional Photocontrol Package
- ◆ Programming mode for panel and system switches
- ◆ Simple menu-driven data entry with eight-line graphical display
- ◆ Diagnostics function identifies dataline devices and confirms communications
- ◆ One year warranty



Component Information

The SWS Network Clock adds scheduling and automation capability to The Watt Stopper Smartwired Switching System (SWS). The Clock provides global scheduling of up to 8 different lighting groups using proven lighting automation scenarios typically available only in PC-based systems. In addition, the module offers powerful diagnostic capabilities for network communications and may also be used as a hand-held programmer.

Operation

To use the Network Clock, system administrators simply plug it into any panel on the network to perform system setup and scheduling. Once programmed, it easily mounts in any panel via DIN rail. The installer follows a step-by-step setup process, and can schedule each of eight global channels in the system based on the control needs of each specific group of lights to be controlled. For each channel, the user selects the desired scenario (manual ON/scheduled OFF; scheduled ON/OFF; manual ON/sweep OFF; astro ON/scheduled OFF; astro ON/OFF). Each scenario offers necessary functions such as blink warnings and user-selectable time delays.

Features

The Network Clock offers comprehensive scheduling capabilities, such as seven-day repeating schedules, up to 36 holidays, six holiday date ranges, and Daylight Savings Time. The user flips a switch to enable the clock as a programming device for dataline switches at their remote locations or for smartwiring relays to channels. With the clock's diagnostic capabilities, the user can identify all devices on the system and verify proper communications, which simplifies installation and troubleshooting. The Network Clock interfaces seamlessly with the optional Photocontrol Package, by automatically detecting the photocontrol module when it is in use and replacing the standard astronomical exterior control scenarios with ones that use actual light level input from the photocontroller (i.e., dark ON/dark OFF and dark ON/scheduled OFF). In addition to the four standard control scenarios, the clock supports manual ON/sweep OFF using the Automatic Control Switch (AS-110).

Applications

The control scenarios are suitable for the most common commercial applications. For instance, different retail lighting loads such as general sales, stocking lights, exterior signage, and accent/showcase can each be conveniently controlled via different control scenarios. Similarly, in office buildings, lighting loads with similar control needs can be easily grouped using the same channel and automated together. This works well in common areas, hallways, and open office areas. Using the SWS system with Dataline and AS-110 Switches provides the manual override capabilities and flexibility individual occupants need especially in office settings where occupants may follow more individualized schedules.

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SWS Network Clock Technical Information

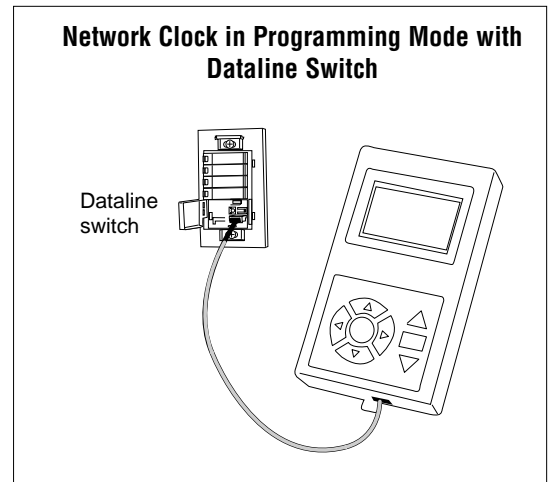
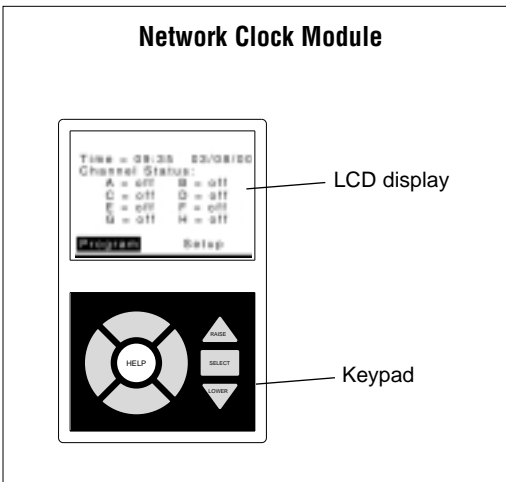
Specifications

- ◆ DIN rail mounting in any SWS panel in the network
- ◆ Occupied/Unoccupied (after-hours) scheduling and scenario selection for up to 8 global channels
- ◆ Control scenarios for interior and exterior lighting include Man ON/Sched OFF, Sched ON/Sched OFF, Astro ON/Astro OFF, and Astro ON/Sched OFF, Man ON/Sweep OFF
- ◆ Supports optional use of Automatic Control Switch (AS-110) for local manual override
- ◆ Seamless interface with optional Photocontrol module
- ◆ Blink warnings and user-selectable time delays
- ◆ Scheduling features include seven-day repeating schedules, up to 36 holidays, six holiday date ranges, automatic Daylight Savings Time adjustment
- ◆ Choice of locations or latitude/longitude coordinates for clock setup
- ◆ Diagnostics capability evaluates dataline communications between devices
- ◆ Functions as hand-held programmer for system switches and relays
- ◆ SRAM memory with 10-year internal battery backup
- ◆ Dimensions: 7" H x 4.5" W x 1.5" D (177.8mm x 114.3mm x 43.2mm)
- ◆ One year warranty

Ordering Information

Catalog No.	Description
HCLK8SS	SWS Network Clock/Programmer
Optional control module:	
HPCP8SS	Photocontrol Package with Photosensor

Clock Controls



Network Application

