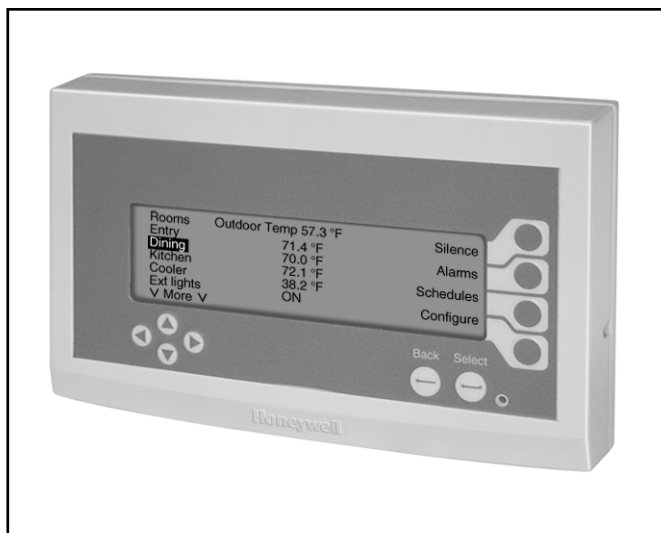




Excel 15 S7760A Command Display

SPECIFICATION DATA



FEATURES

- Attractive wall-mount packaging.
- Backlit LCD display; 8 lines high by 40 characters wide.
- Two-piece construction for easy installation.
- 10-key keypad for menu-item selection. Audible beep when keys are pressed.
- Several layers of display screens provide different views: Buildings, Rooms, Schedules and Setpoints.
- Local display allows setpoint and schedule changes and alarm acknowledgment.
- Password protected with View Only, Bypass, Setpoint and Schedule levels.
- Cost-effective interface to local HVAC system.
- Low-cost LonWorks® communications wiring using a Free Topology Transceiver (FTT).

APPLICATION

The S7760A Command Display provides local display of system variables and alarms in a LonWorks® network. The S7760A Command Display also allows the user to modify setpoints, schedules and basic system parameters and acknowledge alarms. Multi-level password protection prevents unauthorized access. Easy navigation between building and room views allow users to easily perform the most common tasks.

Command Display Features Supported

Alarm Management:

Displays 50 most recent alarms, allows local alarm acknowledgment.

Password Access:

Authorized users view selected data, modify setpoints, schedules and configuration parameters.

Time/Date Display:

12, 24 hr format, current time and date modification (by authorized user) and choice of MMM/DD/YY or DD/MMM/YY formats.

Control Techniques Supported

Command and display Building Manager start/stop and general purpose control loops, Excel 10 Unitary Controllers and T7300 Thermostats.

Start/Stop Loops:

Displays the loop name, occupancy status, override status and loop output. Allows the user to command an occupancy override and modify occupancy schedule.

General Purpose Control Loops:

Displays the loop name, primary control sensor value, effective as well as scheduled setpoints, occupancy status, heat/cool mode, number of active stages, primary control output status and auxiliary output status. Allows the user to command an occupancy override and modify occupancy schedule and setpoints.

Excel 10 Controllers/Q7300H Communicating Subbase:

Displays application specific data and commands for the Excel 10 Constant Volume Air Handling Unit, Remote Input/Output device and the Q7300H Communicating Subbase for the T7300 Programmable Thermostat.



Command Display Views

Building View (see Fig. 1.)

Building View gives the operator an at-a-glance view of the building control system. Each room or zone is identified by its name and displays the primary control variable. By simply highlighting the zone of interest and pressing Select, the user can move to Room View for more detail.

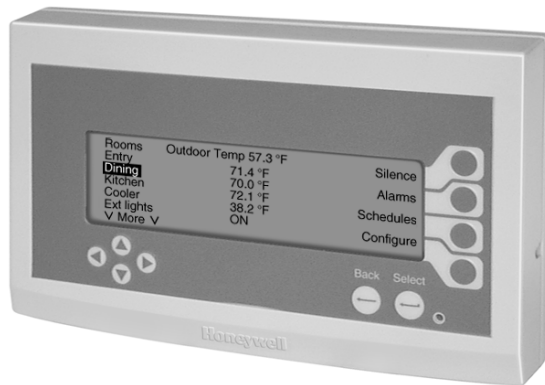


Fig. 1. Building View.

Room View (see Fig. 2.)

Room View displays specific data for the selected room or zone. The user can easily change occupancy status, schedules and setpoints. Pressing **Back** returns the user to Building View.



Fig. 2. Room View.

Communications

The S7760A Command Display uses a Free Topology Transceiver (FTT) communications bus to support a polarity insensitive, free topology wiring scheme that supports star, loop and/or bus wiring.

When configured, one S7760 Command Display can view up to twenty-three Excel 10s and/or T7300s and one W7760A Building Manager. Up to four Excel 15 Command Displays can be utilized on a LonWorks® subnet.

SPECIFICATIONS

Model: S7760A

The S7760A enclosure is constructed of a plastic subbase (with wiring terminals) and a plastic snap-on cover (containing electronics). Mount the subbase using four screws on a standard 4 in. x 4 in. junction box, wall or panel. Use appropriate screws for the mounting surface.

Electrical Ratings:

Power: 20-30 Vac, 50/60 Hz.

Temperature Ratings:

Ambient Range: 32°F to 120°F (0°C to 45°C).

Shipping Range: -40°F to 150°F (-40°C to 65.59°C).

Humidity Ratings:

5 to 90% RH, non-condensing.

85% RH at 86°F (30°C).

Dimensions:

S7760A: 7-3/4 in. (187 mm) wide by 4-3/4 in. (121 mm) high by 1-9/16 in. (40 mm) deep.

S7760A Subbase: 3-3/8 in. (86 mm) wide by 3-3/8 in. (86 mm) high.

Approvals:

European Community Mark (CE): Conforms to requirements of European Consortium Standards.

Federal Communications Commission (FCC) Listed: Part 15 Subpart J, Class A.

Underwriters Laboratories, Inc. (UL) Listed: UL916 PAZX (without a separate panel).

Canadian Underwriters Laboratories, Inc. (cUL) Listed.

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