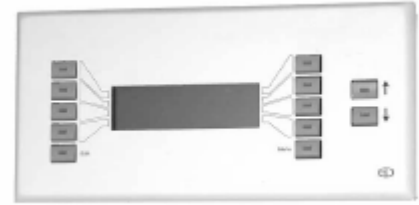




Features

- Simple to operate
- User Programmable
- Flexible -- fits any installation
- 9 DMX patches for 250 dimmers X 100 zones
- 8 room capacity with 13 presets per room
- Low profile design that blends with any interior
- Custom faceplates and nomenclature available
- Easy to read, menu driven LCD display
- Illuminated pushbuttons
- Conforms to California Title 24 (Automatic Time Switch Lighting Control Devices)



Description

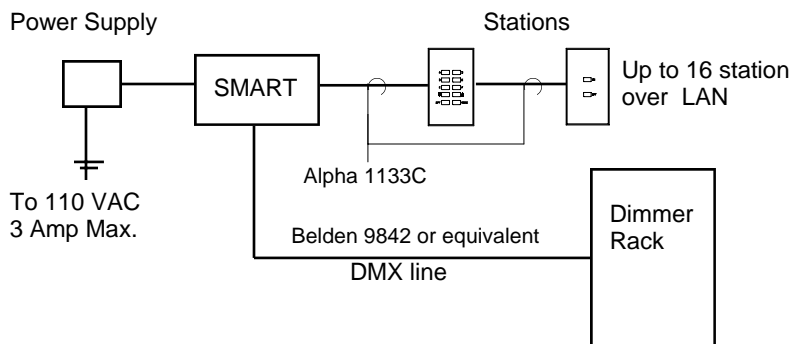
Restaurants, lobbies, and small venues now have an lighting system with a brain. The SMAll ARchitectural Twilite System is a single LAN system with 104 system wide preset and 100 zone capability. The heart of the system is housed in a small wall-mount panel which has an LCD display panel similar to the advanced EDI's TSC system.

The unit can function alone or have 16 remote stations. Digital slider stations, pushbutton stations, that range from 2 to 10 buttons, handheld infrared remote and multiple LCD stations with adjustable editing restrictions are supported.

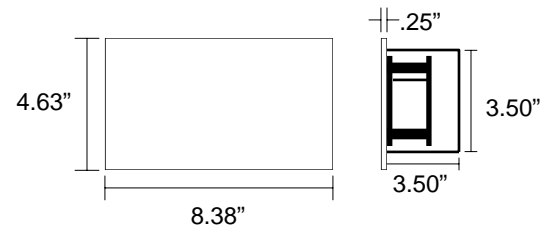
Eight rooms may be separated and combined with multiple solution approaches to head table tracking. Versatile global presets can cross room boundaries for multi-room and multi-purpose uses that allow for a very flexible control hierarchy.

The Smart System supports timed functions that can be set up weekly or daily. A total of 20 timed events can be programmed into the system. These items add to the numerous features that makes the SMART System unique and affordable.

Riser Diagram



Dimensions



Ordering Information

SMART System

- Master Station

Faceplates

- Standard White Beveled _____
 White Aluminum w/ Black Frame

Electrical & Wiring Data

Control Voltage: Class II Multiplex (15VDC +/-30%)
 Conductor: Alpha 1133C
 Note: Remotes can be Daisy-Chained.





Specifications

1. The SMART System shall be a self contained microprocessor based control system capable of high speed bi-directional data transmission specifically designed for solid state management of electrical dimmed and switched load circuits. The system shall support a series of network compatible control stations for single of multiple room operations. All data necessary for system operation shall be resident in the Master Station.
2. The system shall support a system address of up to 250 dimmers on 100 discreet zone outputs. All system dimmers can be assigned direct zone output or grouped proportionally assigned levels on a room-by-room basis. The system shall support up to 104 system wide presets with a capacity of 8 rooms. Up to 13 presets can be assigned in any room.
3. The system shall support LAN connections between the Master Station and the remote stations. Wiring shall be of class II low voltage electrical wiring based on a daisy chained, three twisted pair cable. LAN shall support up to 16 individual stations. All connections are made to the remote stations on a single removable, keyed connector with labeled terminals. Network cable runs shall be limited to 1000 feet (330 meters).
4. The system program shall be based on user addressable conditions accessed through a display station. Conditions set shall be stored in battery protected random access memory.
5. The system shall allow the user to restrict access to information stored by the station. A user assigned password configured from the master station can control all access. Restrictions shall be available to control preset selection, edit functions and configuration settings.
6. Room combines shall be accomplished by a minimum of two hierarchies, either zone by zone or preset by preset on a global basis. Either hierarchy shall be available in room combine situations.
7. Presets may be assigned as either room internal presets or room transcendent super global presets. A room internal preset will control only zones within a room or group of combined rooms. A room transcendent super global preset may be assigned to any preset and may perform control functions in any room or group of rooms regardless of combine status.
8. A Master Station shall be a liquid crystal display station. The station shall adhere to the criteria listed below as a minimum for acceptance:
 - a. Clear visual indication of the system operating status.
 - b. Direct tactile and visual feedback to any control request.
 - c. Controls buttons which offer full electrical isolation from the station electronics.
 - d. Custom colored panels styling to blend with any interior decor.
9. The Master Station may stand alone as a control source for any dimming system using USITT DMX512.
10. The Display Station shall configure and control all lighting functions in a menu driven operating program with simple illuminated button prompts. The minimum control features shall include, but not be limited to, the items below:
 - a. Configuration Menu includes a location for assignments to include:
 1. Assign dimmers to zones through 9 patches.
 2. Assign rooms and preset information.
 3. Assign stations with names and rooms.
 4. Establish password functions.
 5. Configure combine inputs.
 6. Set current time.
 7. Create and apply schedules to daily event operation.
 - b. Preset Edit Menu shall access room information based on inputs controlled by the display station:
 1. Access to remote lock assignments for remote stations.
 2. Access to preset with zone and numeric level and time.
 - c. Preset Menu shall operate room information based on configuration and edit data.
 1. 4-line by 20 character display with simple label capacity.
 2. Proportional "master control" of any preset.
 3. Select up to 12 presets.
 4. System OFF condition.
11. The system shall support the following stations:
 - a. Slave LCD Station. This station shall allow users to access and edit presets within a room. It shall display Preset and Preset Edit Menu screens that are described in Sec.10. Master level room controls on the station shall control the proportionally adjust levels overall in the room.
 - b. Digital Slider Station. Available in 4,6,8 or 10 channels, this station will be capable of editing zone levels live in a room without preset editing. It shall also give users access to presets and editing functions within that room. Each slider station shall provide control of zones though a series of pages. Depending on the number of sliders, the station shall be capable of accessing at most 16,36,64, or 100 zones. Paging will be done at the station itself or remotely by the Master Station. Master level room controls on the station shall control the proportionally adjust levels overall in the room.
 - c. 10 Button Station. This station will allow the user to access all presets within a room. Master level room controls on the station shall control the proportionally adjust levels overall in the room.
 - d. 2 Button Station. This basic station shall give the user access the off preset and one preprogrammed "on" preset available in the room. Selection of on preset shall be only done on the Master station.
 - e. IR Remote Station. This station will allow the user to access all presets within a room from an infrared remote control. Master level room controls on the remote shall control the proportionally adjust levels overall in the room.
 - f. Remote Device Interface. This station shall have 12 discreet programmable inputs and 12 status outputs that will accept maintain and momentary switching.
12. The Display Station shall be designed for easy installation. Constructed on .060" fiberglass material, drilled and reinforced, the station shall consist of two primary assemblies:
 - a. An input board with display, designed for control input with feedback to include:
 1. Inputs shall be electrically isolated buttons.
 2. Status indicators shall be long life LEDs.
 - b. A processor board for direct network connection to include:
 1. Keyed removable connector for control terminations.
 2. 1" x 3" back-lit liquid crystal display.
13. The Display Station shall fit in a four gang, deep, masonry back box supplied with the station. Face plates shall be secured without visible fasteners.
 - a. Silk-screened graphics shall identify the button functions.
 - b. Face plates of .080" brushed aluminum shall be standard. Custom anodized or painted faceplate shall be available on request.
 - c. Optional covers include recessed wall box with smoked Plexiglas or metal locking cover.
14. The SMART System and its compatible wall plates shall be manufactured by Electronics Diversified Inc., Hillsboro, Oregon, 97124 USA.

