

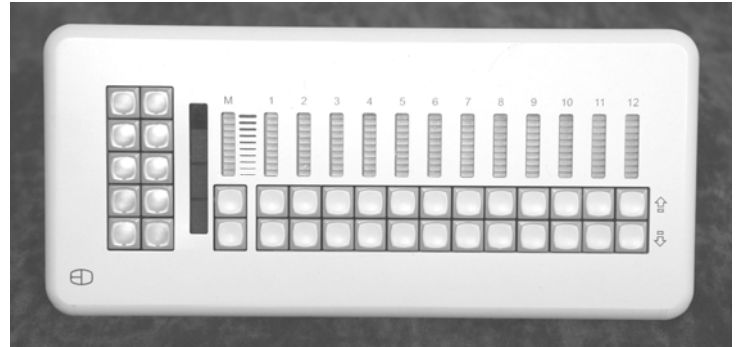


# Architectural Preset Controls

## Twilite I2 Lighting Control Panel

### Features

- 10 presets/12 Zones
- Flexible – fits any installation
- Output level LED bar graph display for each channel
- Proportional master control of every preset
- Low profile design blends with any interior
- Custom colors and nomenclature available
- DMX “copy active” to presets
- Preset preview and blind editing
- Master stations available in 1 to 12 channel modules
- Up to 512 DMX addresses (0-512) may be assigned to each of the 12 channels
- DMX input assignment to either HTP or station override
- CAT-5 plug with power and DMX provisions
- 3-digit alphanumeric display for easy programming and operation
- Individual channels may be assigned as non-dims
- 1 to 8 channels fit in a 4 gang box or 9 to 12 channels in a 5 gang box
- Non-volatile internal flash memory for channel patch and preset information
- Conforms to California Title 24 (Automatic Time Switch Lighting Control Devices)



### Description

The Twilite 12 Series preset lighting control system is designed to be used in a variety of applications, from lecture halls to multi-scene ballroom lighting. The exclusive memory function allows 10 different lighting presets. In addition to the 8 dedicated preset buttons, both the ON and OFF buttons may also be programmed as presets for a total of 10 presets.

The Twilite 12 uses the updated DMX-512A (ANSI E1.11) industry standard control protocol for dimmers, moving lights, and LED fixtures.

Easy to program and operate, Twilite 12 control faceplates blend with current quality architectural trends and add low profile lighting control to any room. The Twilite 12 series offers preset lighting features at an affordable price.

### Ordering Information

#### Master Stations (4 gang box)

- T-12 - 1 Channel
- T-12 - 2 Channels
- T-12 - 3 Channels
- T-12 - 4 Channels
- T-12 - 5 Channels
- T-12 - 6 Channels
- T-12 - 7 Channels

#### Master Stations (5 gang box)

- T-12 - 8 Channels
- T-12 - 9 Channels
- T-12 - 10 Channels
- T-12 - 11 Channels
- T-12 - 12 Channels

#### Remote Stations

- T-12-R Remote Panel
- T-12 RDI/AV Interface
- T-12-WT2 Walk Through  
(2 available presets)
- T-12-WT3 Walk Through  
(3 available presets)
- T-12-WT4 Walk Through  
(4 available presets)
- T-12-WT5 Walk Through  
(5 available presets)

#### Faceplate Colors

- Big Chill (Pantone 427C) - standard
- Custom Color # \_\_\_\_\_



### Electronics Diversified, Inc.

1675 NW Cornelius Pass Road • Hillsboro OR 97124 USA  
 (503) 645-5533 • (800) 547-2690 • FAX: (503) 629-9877  
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### Product Datasheet

**A401**

January 2005



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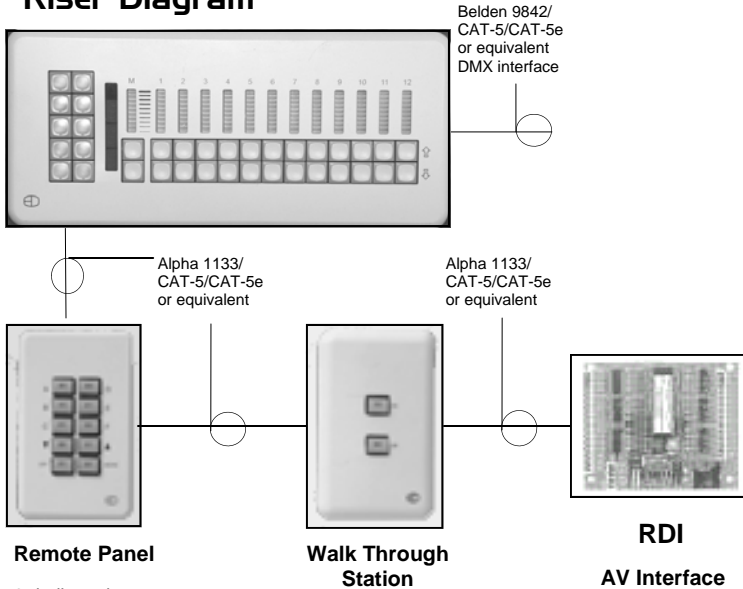
## Twilite I2 Lighting Control Panel

### Electrical & Wiring Data

Control Voltage: Class II Multiplex  
 Conductor: Alpha 1133C/CAT-5/  
 CAT-5e or equivalent

Note: Remotes are daisy-chained

### Riser Diagram

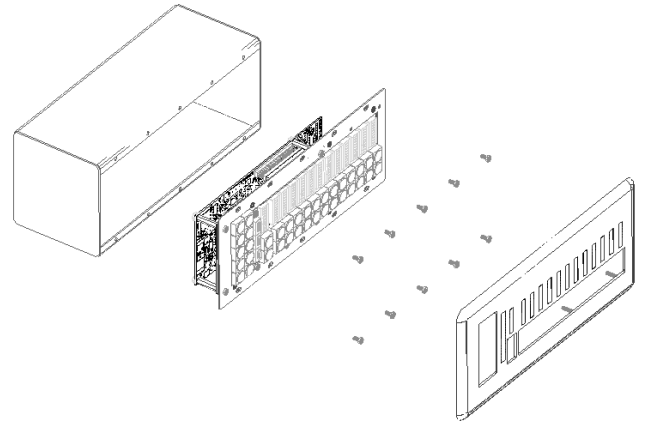


8 dedicated pre-sets. The OFF and ON buttons may also be programmed as presets for a total of 10 presets

Provides momentary and maintained closures through Remote Device Interface (RDI)

### Mounting

1. Mount backbox (supplied with station). Make sure that the front of the backbox is flush with the finished wall.
2. Route wires from backbox to PCBA and connect to electronics on subplate.
3. Align subplate and backbox. Attach using #6 pan-head screws (furnished).



### Specifications

1. The Twilite 12 shall be a 10 scene preset lighting control with raise/lower adjustments for each of the 12 individual channels. The system shall operate with a digital signal between all satellite stations and master stations.
2. The Twilite 12 supports the DMX 512A (ANSI E1.11) protocol. The unit shall have a capacity of up to 512 assignable DMX addresses for each of its channels. In addition, the Twilite 12 shall include a DMX input with the capacity to remotely record the active DMX addresses.
3. System faceplates shall be flush mounted in backboxes furnished by the manufacturer.
4. The components of the control system may consist of the following: Master Station, Remote Station, and Walk Through Station.
5. The Master Station shall consist of the following:
  - A. In addition to the 8 dedicated preset buttons, it shall be possible to program the ON and OFF buttons as presets, for a total of 10 presets.
  - B. All preset buttons shall have an integral LED to indicate the status of the station.
  - C. Pressing any preset button shall bring the system onto that preset at the programmed fade rate. Master Raise/Lower key will proportionally control any preset.
  - D. Pressing any preset button twice will override the fade rate and effect an instant transition into the selected preset.
  - E. Each preset shall contain all the levels for each channel in the system in addition to a fade rate.
  - F. Each master station shall have 10 selectable fade rates from 0 seconds to 5 minutes. Any of these fade rates may be recorded with the channel levels desired into any of the 10 preset scenes.
6. The remote selector station shall be a 10 button station capable of operating the system ON, OFF, and 10 presets from a remote location. Any number of remote selectors may be supported by a single master station.
7. Walk-thru stations shall have from 2 to 5 preset buttons, including an OFF button. The walk-thru may be either button, key switch operated, or contact closure, as specified. The ON position will have the capacity to learn a selected preset.
8. The Twilite 12 system shall operate with the patch interface allowing user-assignable proportional patch and channel patch features.
9. When power is restored after an outage, the Twilite 12 system shall restore the preset which was in use prior to the outage.
10. An AV interface shall be available which will accept any 24 VDC input. The interface shall allow ON, OFF and 8 presets to be activated by time clocks and other contact closure devices.
11. The Twilite 12 shall be manufactured by Electronics Diversified, Inc., Hillsboro, Oregon, 97124 USA.



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