



5260-* (Software Options) *LIGHT SIGNALING* **STATION** **16 LIGHT/16 BUTTON**

The Tech Works **5260-*** is a 16 light/16 button Intelligent Interface Module. The Module can act as a Master or as a Substation. With the "LC" software, the first push of a button causes the corresponding light to light. This can be either a *flashing* or *steady* light with a corresponding tone depending on the dipswitch selection (Option D). The second push of a button will extinguish the corresponding light and tone. With the "CC" software, the buttons send *steady* on the first push, *flashing* on second push and *off* on third push all with a corresponding tone. With "DC" software, each button is a substation acknowledgment, changing the flashing light to steady and silencing the tone. An integral tone sounds to draw attention to any change of status. The tone can be permanently disabled via a jumper on the rear of the Module. Two four-position dipswitches set the address. Any two or more Intelligent Modules having the same address will be totally interactive (i.e. the push of a button on one causes the corresponding change on the other). When used with Intelligent Annunciators the 16 buttons and lights can correspond to the left (first 16) lights or right (second 16) lights on any Master/Annunciator (Option A).

BENEFITS

- Small Size
- Easy to Operate
- Easy to Install
- Easy to Program
- Two Twisted Pair Cable

Design Information

12 VDC - @ 59 mA Minimum
264 mA Max
Dimensions - 8.25" W, 4.5" H, 1.25" D
Standard 4-Gang Electrical Box
Mounting
Wiring is Two Twisted Pair Cable

Tech Works™



"Making Specialized Communication Easy"

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*Software Options

5260-CC Clinic-Call Master/ Substation

Three Status Levels – first push Steady, second push Flashing, third push Off

5260-DC Duress-Call Master

Push to acknowledge incoming call

5260-LC Light-Call Master/ Substation

Two Status Levels – first push on Flashing or Steady (dipswitch selectable), second push Off

Dip Switch Settings

Each 5260 has 2 sets of dip-switches for setting the station address and function. SW1 or the “Master” address switch sets the primary address for a corresponding 8-column master and



Network Terminator “T” (see Light-Call Ops manual) and SW2 “A” switch sets the option of the buttons corresponding to the left 4 columns or the right 4 columns. Any 2 units having exactly the same address will be totally interactive. This means that if a button is pushed on one 5260 the corresponding light will light on the other 5260.

The option “D” switch on SW2 selects whether the buttons will send a steady or flashing message when pushed. If the “D” switch is down the light will go on steady and if it is in the up position all buttons will send a flashing message with a corresponding repeating tone.

Architects' and Engineers' Specifications

The Light Signaling System Intelligent Control Interface Module shall be a standard four gang electrical box mounting device constructed of ABS plastic with a water resistant Lexan face plate. A minimum of four columns of four buttons and four lights shall be provided to allow both input and output. An electronic tone shall sound at the Master each time a light changes status. The tone must have an installer removable jumper to permanently disable the electronic tone if so desired. Two four position dipswitches set by the installer shall determine the Module address. The Module shall be an intelligent electronic device requiring no more than 264 mA at 12 Volts DC for full operation. The Intelligent Module shall employ EIA standard RS485 digital communication. The system shall operate on two twisted pair parallel wiring. Systems requiring more than two twisted pairs from one station to the next for full operation shall not be considered under this specification.

The Light Signaling System Intelligent Station shall be Tech Works Model 5260-* (Note to specifier - add suffix to indicate desired feature options)