



The Tech Works **5200** is a Light Signaling Master with eight columns of four status lights each with a remote reset button for each column. This is a digital communication device using Intelligent Substations. Each column of lights represents a Substation. A choice of two faceplates is provided with each unit so that it can be color-coded red, yellow, green or blue to easily identify functions or staff. An all white faceplate can be used for custom labeling. A four-position dipswitch addresses the Master and the lights reflect the status; *steady* or *flashing* of Substations assigned to each Master. Any Masters having the same address shall display the same Substations. A tone sounds to draw attention to any change of status. Tone options are available by ordering specific software. A silence button is provided to stop the tone or the tone can be permanently disabled. The button beneath each column of lights allows control of various features by ordering specific software options.

5200B-* (Software Options) *LIGHT SIGNALING MASTER*

**32 LIGHT MASTER
w/REMOTE SUBSTATION RESET
and SILENCE BUTTON**

BENEFITS

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

Design Information

12 VDC - @ 59 mA Minimum/ 164 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

- 5200-CC Clinic-Call Master/Annunciator**
Repeating tone with fast flash on top row only
Button below each column provides remote Substation reset and silence button
- 5200-DF Clinic-Call Master with “Doctor Follow”**
Repeating tone with fast flash on top row only
This unit keeps track of the sequence that Substations are activated by color to indicate “Next Patient”
Button below each column provides remote Substation reset and silence button
- 5200-PA Clinic-Call Master with “Patient Arrival”**
Repeating tone with fast flash on top row only
Button below each column activates the bottom or white/orange light of each Substation and silence button
- 5200-DC Duress-Call Master/Annunciator**
Repeating tone with all flashing lights
Button below each column provides remote Substation acknowledge changing the Substation from flashing to steady
- 5200-LC Residence-Call Master/Annunciator**
Repeating tone with all fast flashing lights and a single tone and reminder with any steady light
Button below each column provides remote Substation reset and silence button

Architects' and Engineers' Specifications

The Light Signaling System Master shall be a standard four gang electrical box mounting device constructed of ABS plastic with a water resistant Lexan faceplate. This is a digital communication device using Intelligent Substations. A minimum of eight columns of four lights shall be provided to indicate the status of up to eight Substations. Each column of lights represents a Substation. A choice of two faceplates shall be provided with each unit and is color-coded red, yellow, green, and white to easily identify functions or staff or all white for custom labeling. The lights reflect the status *steady or flashing* of Substations assigned to each Master. A four-position dipswitch set by the installer addresses the Master. Masters having the same address shall display the same Substations. Each column of lights shall include a push button made of conductive rubber to remotely reset the Substation individually. An electronic tone shall sound at the Master to indicate any change of status. Tone options shall be available by ordering specific software. A user silence button is provided to cancel the emergency repeating tone and must have an installer removable jumper to permanently disable the electronic tone if desired. Any system not capable of installer programmable interaction of stations shall not be considered under this specification. The Master/Annunciator shall be an intelligent electronic device requiring no more than 164 mA at 12 Volts DC for full operation. 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 Master shall be
Tech Works Model 5200-* (Note to specifier - add suffix to indicate desired feature options)