



5210P-* (Software Options) *LIGHT SIGNALING* **SUBSTATION**

BASIC 4 LIGHT/4 BUTTON INTELLIGENT SUBSTATION

Option Suffix "S" (5210S) w/Screw Terminals
for Support of Passive Substations

The Tech Works **5210** is a 4 light/4 button Substation. The four lights/buttons shall be color-coded Pink, Ice Blue, White and Purple to easily identify functions or staff. Intelligent Data Network Communication allows the status of these lights/buttons to be sent to other Intelligent Stations with the same address. Two sets of four-position dipswitches program the Substation address. The first set specifies which Master to display the light status while the second set specifies the column of lights on the Master which correspond to this Substation. All Substations with the same address shall be totally interactive. Pushing a button on the Substation lights either a *steady* or *flashing* corresponding light depending on the dipswitch software selection. The second push extinguishes the light.

BENEFITS

- Easy to Install
- Easy to Program
- Easy to Operate
- Durable Construction
- Two Twisted Pair Cable

Design Information

12 VDC - @ 44 mA Minimum / 60 mA Max
Dimensions - 2.75" W, 4.5" H, 1" D
Standard 1-Gang Electrical Box Mounting
Wiring is Two Twisted Pair

Tech Works™

"Making Specialized Communication Easy"

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Software Options

- 5210P-CC Clinic-Call Substation**
Three Status Levels – first push on Steady, second push Flashing, third push Off
- 5210P-CCS Clinic-Call Substation**
With Screw Terminals for Passive Devices
- 5210P-DC Duress-Call Mini-Master**
Three Status Levels – Push to acknowledge incoming call
- 5210P-DCS Duress-Call Mini-Master**
With Screw Terminals for Passive Devices
- 5210P-DCT Duress-Call Mini-Master**
With Tone
- 5210P-DCST Duress-Call Mini-Master**
With Screw Terminals for Passive Devices and Tone
- 5210P-LC Light-Call Substation**
Two Status Levels – first push on Steady or Flashing (Dipswitch Selectable), second push Off
- 5210P-LCS Light-Call Substation**
With Screw Terminals for Passive Devices
- 5210P-PA Patient Arrival Substation**
Two Status Levels – first push on Steady or Flashing (Dipswitch Selectable), second push Off four colors
- 5210P-PT Clinic-Call Substation**
With Built-In Patient Timer on bottom button. Each push counts down 5 Minutes.
- 5210P-PTS Clinic-Call Substation**
With Built-In Patient Timer on bottom button and Screw Terminals for Passive Devices

Architects' and Engineers' Specifications

The Light Signaling System Intelligent Room Status Substation shall be a standard one gang electrical box mounting device constructed of ABS plastic with a water resistant Lexan faceplate. A minimum of four lights shall be provided to indicate up to eight statuses of each room. The four lights/buttons shall be color-coded red, yellow, green, and white to easily identify functions or staff. Two four-position dipswitches set by the installer shall determine the group and Master address. Any Intelligent Substations having the same address shall be totally interactive. Any system not capable of installer programmable interaction of Substations shall not be considered under this specification. Each light shall include a push button made of conductive rubber to individually set the status of each light. The push button shall operate as a multi-function stepper switch with the software option selector determining the status from *off* to *steady* or *flashing*, depending on the dipswitch position and the second push to *off*. The Substation shall be an intelligent electronic device requiring no more than 60 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 Intelligent Substation shall be
Tech Works Model 5210P-* (Note to specifier – add suffix to indicate desired feature options)