

# Signal Tower

ST Series



## Part Number Description

**ST**<sup>1</sup> - <sup>2</sup> <sup>3</sup> <sup>4</sup> <sup>5</sup> <sup>6</sup> <sup>7</sup>

|                                       |                                                                            |                                                                              |                                                                                 |             |
|---------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------|
| <b>1 Model</b>                        | L : Standard                                                               |                                                                              |                                                                                 |             |
| <b>2 Function / Signal Input Type</b> | 1 : Power Input In Continuously Type<br>4 : Contact Input In Blinking Type | 2 : Contact Input In Continuously Type<br>5 : Input The Communication Signal | 3 : Power Input In Blinking Type                                                |             |
| <b>3 Sound</b>                        | 0 : No Sounds<br>3 : Melody (Upto 4 Channels)                              | 1 : Single Tone Buzzer Piezo Buzzer<br>4 : Siren (Upto 4 Different Words.)   | 2 : Multi-Tone Buzzer (Up To 4 Different Sounds)<br>5 : Voice (Upto 4 Channels) |             |
| <b>4 Number of Stack</b>              | 1 : 1 Stack                                                                | 2 : 2 Stack                                                                  | 3 : 3 Stack                                                                     | 4 : 4 Stac  |
| <b>5 Attachment Type</b>              | 1 : Parallel Attachment (Standard)<br>4 : Serial Connection                | 2 : Vertical Attachment<br>5 : Refraction Type                               | 3 : Horizontal Attachment (Small Stick)                                         |             |
| <b>6 Rated Voltage</b>                | 110 ~ 240VAC                                                               | 24VDC                                                                        | 12VDC                                                                           |             |
| <b>7 Numder of Sound</b>              | 1 : 1 Sound                                                                | 2 : 2 Sound                                                                  | 3 : 3 Sound                                                                     | 4 : 4 Sound |

☞ The power input type allows Maximum 2 sounds.  
The contact input type can handle upto 4 different sound

## General Specification

|                             |                        |                                   |
|-----------------------------|------------------------|-----------------------------------|
| <b>External Diameter</b>    |                        | Ø58                               |
| <b>Material</b>             | <b>Lense</b>           | Flame Resistant Polycarbonate     |
|                             | <b>Body</b>            | Flame Resistance ABS              |
|                             | <b>Attachment Bar</b>  | Aluminium                         |
| <b>Sound Modules</b>        |                        | 83 dB                             |
| <b>Degree of Protection</b> |                        | IP 54                             |
| <b>Ambient Temperature</b>  |                        | -25°C ~ +50°C (with no icing)     |
| <b>Current Consumption</b>  |                        | AC                                |
|                             | <b>Light On</b>        | (13mA x number of levels) +10mA   |
|                             | <b>Blinking</b>        | (13mA x number of levels) + 10mA  |
|                             | <b>Buzzer lamp on</b>  | (13mA x number of levels) + 25 mA |
|                             | <b>Buzzer blinking</b> | (13mA x number of levels) + 25mA  |
|                             |                        | DC                                |
|                             |                        | (50mA x number of levels)         |
|                             |                        | (65mA X number of levels)         |
|                             |                        | (50mA x number of levels) + 170mA |
|                             |                        | (65mA x number of levels) + 170mA |

## Product Selection

| Rated Voltage | Operation Type | Buzzer    | Sound I/O Method | Part Number                        |
|---------------|----------------|-----------|------------------|------------------------------------|
| 12/24VDC      | Lights On      | None      | Power            | STL - 10 <sup>4</sup> <sup>5</sup> |
|               |                |           | Contact          | STL - 20 <sup>4</sup> <sup>5</sup> |
|               |                | Installed | Power            | STL - 11 <sup>4</sup> <sup>5</sup> |
|               |                |           | Contact          | STL - 21 <sup>4</sup> <sup>5</sup> |
|               | Flicker        | None      | Power            | STL - 30 <sup>4</sup> <sup>5</sup> |
|               |                |           | Contact          | STL - 40 <sup>4</sup> <sup>5</sup> |
|               |                | Installed | Power            | -                                  |
|               |                |           | Contact          | STL - 41 <sup>4</sup> <sup>5</sup> |
|               |                |           | Power            | STL - 10 <sup>4</sup> <sup>5</sup> |
|               |                |           | Contact          | STL - 20 <sup>4</sup> <sup>5</sup> |
| 110 ~ 240VAC  | Lights On      | None      | Power            | STL - 11 <sup>4</sup> <sup>5</sup> |
|               |                |           | Contact          | STL - 21 <sup>4</sup> <sup>5</sup> |
|               |                | Installed | Power            | -                                  |
|               |                |           | Contact          | STL - 40 <sup>4</sup> <sup>5</sup> |
|               | Flicker        | None      | Power            | -                                  |
|               |                |           | Contact          | STL - 41 <sup>4</sup> <sup>5</sup> |
|               |                | Installed | Power            | -                                  |
|               |                |           | Contact          | STL - 41 <sup>4</sup> <sup>5</sup> |
|               |                |           | Power            | -                                  |
|               |                |           | Contact          | STL - 41 <sup>4</sup> <sup>5</sup> |

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Data subject may change without notice.

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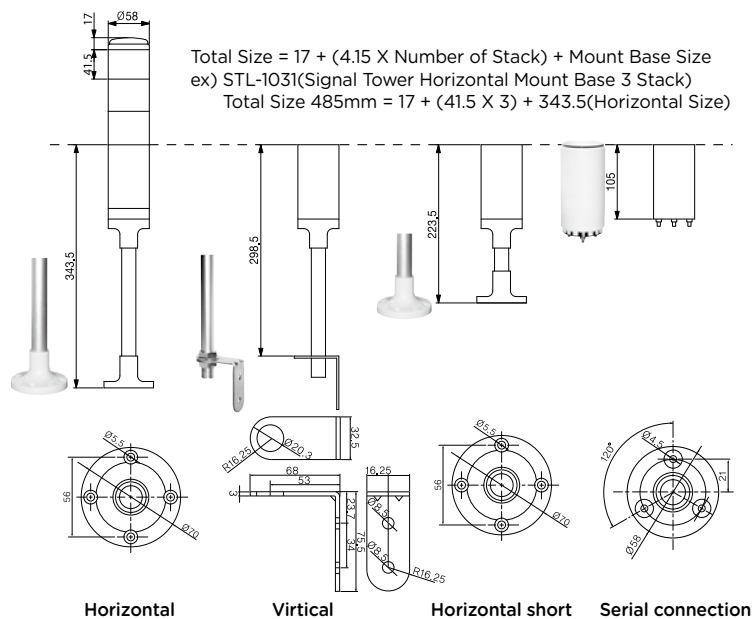
## ST Series

### Mount Base



### Dimension

Unit : mm



### Wiring Diagram

