Universal Stopper Install  
STI-13000 & STI-14000 Series  
Rely on STI®

Installation Notes
- When used outdoors, the manual station must also be rated for outdoor use.
- UL Listing does not permit external power source or connection of horn relay contacts to fire alarm or life safety devices.
- When properly installed, the operation of this cover will not interfere with the function of your life safety system.
- Horn operation and performance must be tested annually. Battery replacement is recommended annually dependent on usage and battery expiration date.
- Ensure the service pin is properly inserted in the service pin receptor to silence horn while performing installation or servicing horn.
- If mounting to an uneven surface, a backplate (STI-1314) is recommended to help ensure proper sealing to mounting surface.
- The backplate may be drilled if wire access or screw mounting holes are needed.

Specifications

Polycarbonate Enclosure
- Flammability - flush and surface mount models (Fig. 2, 3 & 4): UL 94 V-2, enclosed flush and enclosed back box models (Fig. 5 & 6): UL 94 5VA
- Cover wall thickness 0.125 inches

干触点继电器
- 30 VAC/VDC, 1A

温度范围
- 电子设备操作温度范围: -40°F to 120°F (-40°C to 49°C)
- 内部电源和远程连接不推荐使用

- 防火等级: -40°F to 284°F (-40°C to 140°C)

安装说明
- 当用于户外时，手动站也必须是为户外使用设计的。
- UL认证不允许外部电源或连接的继电器触点与火警或生命安全设备连接。
- 当正确安装时，此盖子的使用将不会干扰您的生命安全系统。
- 喇叭的运行和性能必须每年进行测试。根据使用情况和电池的过期日期，建议每年更换电池。
- 确保服务螺栓正确插入服务螺栓接收器，以在安装或维修时关闭喇叭。
- 如安装在不平坦的表面上，建议使用后盖（STI-1314）来确保与安装表面的密封。
- 后盖可以钻孔以满足接线或螺栓安装孔的需求。

认证
- 它已经通过测试和认证，或通过:
- UL, CUL认证 - S2466
- UL认证符合ADA
- NEMA Type 3RX型号，带有嵌入式 flush 安装和嵌入式后箱选项

聚碳酸酯清洁说明
- 用水冲洗以去除研磨性灰尘和污垢。用软布或中性洗涤剂清洗。冲洗后再干燥。请勿使用剃须刀片。

电池内阻：
- 9V电池  12VDC  24VDC  1 ft.  3 ft.  10 ft.
  - 低音量  0.03  0.64  1.9 mA  - - -
  - 高音量 0.03  0.64  1.9 mA  - - -

- 3V电池  12VDC  24VDC  1 ft.  3 ft.  10 ft.
  - 低音量 0.03  0.64  1.9 mA  - - -
  - 高音量 0.03  0.64  1.9 mA  - - -

请参阅网站获取附件

图 1 - 尺寸

- Center pull station to the Universal Stopper with the help of dimensions shown in Fig. 1.

- Open cover, use frame or optional backplate to mark mounting holes.

- NOTE: Be sure the entire cover travel will not interfere with operation of the pull station or other safety system equipment when installed.
**Fig. 2 - Flush Mounting Option - Models 130** & **140**

*BEFORE INSTALLATION*

- #6 x 1-1/4 in. SCREW
- SHARP EDGES

(4) PROVIDED

- #6 x 1-1/4 in. SCREW
- BREAK OFF ALL (4) OF THE COVER ASSEMBLY
- WINDOWS AND
- STI-1331 SPACER
- SPACER/WALL GASKET

ENCLOSED

- (2) PROVIDED
- STI-1401 GASKET
- 3/4 in. CONDUIT

- 1/2 in. and
- 3/4 in. CONDUIT WEATHER GASKET
- (2) PROVIDED

- DRILL 3/16 DIA. HOLES 1-1/4 in. DEEP WHEN USING ANCHORS
- DRILL 7/64 DIA. HOLES 1-1/4 in. DEEP WHEN ANCHORS ARE NOT USED

- PLASTIC WALL ANCHOR
- (4) PROVIDED

- BREAK OFF ALL (4) OF THE CONDUIT WINDOWS AND TABS
- THEN TRIM SHARP EDGES
- BEFORE INSTALLATION

- DRILL 1/8 in. HOLE WHILE COVER IS CLOSED. INSERT THE BREAKAWAY SEAL (KIT-65) COMPLETELY INTO THE LOCKING TAB.
- *NOT FOR USE ON FIRE OR EMERGENCY SIGNAL APPLICATIONS.*

**Fig. 3 - Flush Mount with add-on Spacer - Models 131** & **141**

- INSERT CONDUIT INSERT
- (2) PROVIDED

- 1/2 in. and
- 3/4 in. CONDUIT WEATHER GASKET
- (2) PROVIDED

- DRILL 3/16 DIA. HOLES 1-1/4 in. DEEP WHEN USING ANCHORS
- DRILL 7/64 DIA. HOLES 1-1/4 in. DEEP WHEN ANCHORS ARE NOT USED

- PLASTIC WALL ANCHOR
- (4) PROVIDED

- BREAK OFF ALL (4) OF THE CONDUIT WINDOWS AND TABS
- THEN TRIM SHARP EDGES
- BEFORE INSTALLATION

- DRILL 1/8 in. HOLE WHILE COVER IS CLOSED. INSERT THE BREAKAWAY SEAL (KIT-65) COMPLETELY INTO THE LOCKING TAB.
- *NOT FOR USE ON FIRE OR EMERGENCY SIGNAL APPLICATIONS.*

**Fig. 4 - Surface Mounting Option - Models 132** & **142**

*BEFORE INSTALLATION*

- #6 x 1-1/4 in. SCREW
- (4) PROVIDED

**FIT APPROPRIATE CONDUIT WEATHER GASKET TO CONDUIT. THEN FIT GASKET TO INSERT OR DIRECTLY TO THE HOUSING KNOCK-OUT. FOR ADDITIONAL SEAL RELIABILITY A BEAD OF SILICONE MAY BE APPLIED TO CONDUIT FITTING.**

- 1/2 in. and 3/4 in. CONDUIT WEATHER GASKET
- (2) PROVIDED

- CONDUIT INSERT
- (3) PROVIDED

- DRILL 3/16 DIA. HOLES 1-1/4 in. DEEP WHEN USING ANCHORS
- DRILL 7/64 DIA. HOLES 1-1/4 in. DEEP WHEN ANCHORS ARE NOT USED

- PLASTIC WALL ANCHOR
- (4) PROVIDED

- STI-1314 OPTIONAL BACKPLATE - RECOMMENDED WHEN MOUNTING TO UNEVEN SURFACE

- G01307 SPACER/WALL GASKET*
- "MODELS MAY CONTAIN FORM-IN-PLACE GASKET ON SPACER AND 1/8" DIAMETER GASKETS FOR CONDUIT AREAS.

- GASKET CAN BE CUT TO INSTALL BEHIND CONDUIT

- LOCATING TAB
- DRILL 1/8 in. HOLE WHILE COVER IS CLOSED. INSERT THE BREAKAWAY SEAL (KIT-65) COMPLETELY INTO THE LOCKING TAB.
- *NOT FOR USE ON FIRE OR EMERGENCY SIGNAL APPLICATIONS.*
Fig. 5 - Enclosed Flush Mounting Option - Models 133** & 143**
NEMA TYPE 3RX

<table>
<thead>
<tr>
<th>Models</th>
<th>Back Box Conduit Thread</th>
<th>Electrical Box Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>STI-134**</td>
<td>3/4 NPT</td>
<td>North America</td>
</tr>
<tr>
<td>STI-135**</td>
<td>3/4 NPT</td>
<td>Europe</td>
</tr>
<tr>
<td>STI-136**</td>
<td>20mm</td>
<td>Europe</td>
</tr>
<tr>
<td>STI-137**</td>
<td>3/4 NPT</td>
<td>Europe</td>
</tr>
<tr>
<td>STI-138**</td>
<td>20mm</td>
<td>North America</td>
</tr>
<tr>
<td>STI-139**</td>
<td>3/4 NPT</td>
<td>Europe</td>
</tr>
<tr>
<td>STI-13A**</td>
<td>20mm</td>
<td>North America</td>
</tr>
<tr>
<td>STI-13B**</td>
<td>3/4 NPT</td>
<td>Europe</td>
</tr>
</tbody>
</table>

NOT USED ON FIRE OR EMERGENCY SIGNAL APPLICATIONS.

DRILL 1/8 in. HOLE WHILE COVER IS CLOSED.
INSERT THE BREAKAWAY SEAL (KIT-65) COMPLETELY INTO THE LOCKING TAB.

*NOT FOR USE ON FIRE OR EMERGENCY SIGNAL APPLICATIONS.

Fig. 6 - Enclosed Back Box Mounting Option - Models 134**, 135**, 138**, 139**, 144**, 145**, 148** & 149** NEMA TYPE 3RX

Fig. 7 - Horn Option Models STI-13x20 & STI-13x30 - Wiring Details - Remote Power/Relay Options

*9V battery acts as a backup power when using remote power

**5 CONDUCTOR SERVICE PIN WIRE HARNESS**

Horn Activation
Remove service pin and horn should sound. Close covers and horn should silence. When performing annual battery test/replacement or when servicing alarm system, insert service pin to prevent horn from sounding. Remember to remove service pin to return to normal operation.

<table>
<thead>
<tr>
<th>Wire</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>12VDC - 24VDC</td>
</tr>
<tr>
<td>Black</td>
<td>12VDC - 24VDC</td>
</tr>
<tr>
<td>Blue</td>
<td>Common</td>
</tr>
<tr>
<td>Green</td>
<td>NC - Norm Closed</td>
</tr>
<tr>
<td>Yellow</td>
<td>NO - Norm Open</td>
</tr>
</tbody>
</table>

VOLUME SWITCH
HI   FACTORY DEFAULT
LOW  HIGH

SERVICE PIN (1) PROVIDED

ROTATE BOTTOM END OF BATTERY UPWARD FOR REMOVAL.

WHEN REPLACING COVER MAKE SURE COVER IS UNDER HORN CASE TAB AND ROTATE COVER CLOSED. INSERT HI-LO SCREWS AND TIGHTEN.

WHEN REPLACING COVER MAKE SURE COVER IS UNDER HORN CASE TAB AND ROTATE COVER CLOSED. INSERT HI-LO SCREWS AND TIGHTEN.
Important Notice (when used on fire systems)
The Universal Stopper is intended to be used in areas where the incidence of false fire alarms from manual pull stations is high or has proven to be a serious problem. Any disadvantage of this device is more than balanced when one considers the consequences of false fire alarms, especially if fire service personnel and equipment are responding to a false fire alarm when they are needed for a real fire somewhere else. Add to this, the disruption to the facility when false alarms occur. If you have, or may have, a problem with false fire alarms or physical/weather damage to your fire alarm activation devices, the Universal Stopper could prove invaluable.

Aviso importante (en cas d'utilisation sur les réseaux d'incendie)
Le Universal Stopper est destiné à être utilisé dans les zones où l'occurrence de fausses alertes d'incendie issues d'avertisseurs d'incendie manuels est élevée ou présente un problème grave. Un quelconque inconvénient de ce dispositif est vite contrecarré par les conséquences des fausses alarmes d'incendie, surtout lorsque le personnel et l'équipement des services d’incendie réagissent à une fausse alerte d’incendie alors que leur intervention ailleurs sur un vrai incendie s’avère nécessaire en même temps. À cela s’ajoute l’agitation éprouvée dans l’établissement au moment du déclenchement d’une fausse alerte. Si vous rencontrez, ou risquez de rencontrer, un problème avec les fausses alertes d’incendie ou avec l’éventuel endommagement par effet climatique ou physique de vos dispositifs de déclenchement des alertes d’incendie, le Universal Stopper pourra alors se révéler d’une valeur inestimable.

Warranty

WARNING: This product can expose you to chemicals including Dichloromethane, which is known to the State of California to cause cancer, and Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Safety Technology International
2306 Airport Rd • Waterford, MI 48327, USA
Phone: 248-673-9898 • info@sti-usa.com • www.sti-usa.com

Taylor House • 34 Sherwood Road • Bromsgrove, Worcestershire • B60 3DR • England
Tel: +44 (0)1527 520 999 • info@sti-emea.com • www.sti-emea.com

Unit 7A • Lockhead Avenue • Airport Business Park • Waterford • X91 HWF2 • Ireland
info@sti-emea.com • www.sti-emea.com

Subject to change without notice.
Printed in USA

Univ Stopper IS
May2020