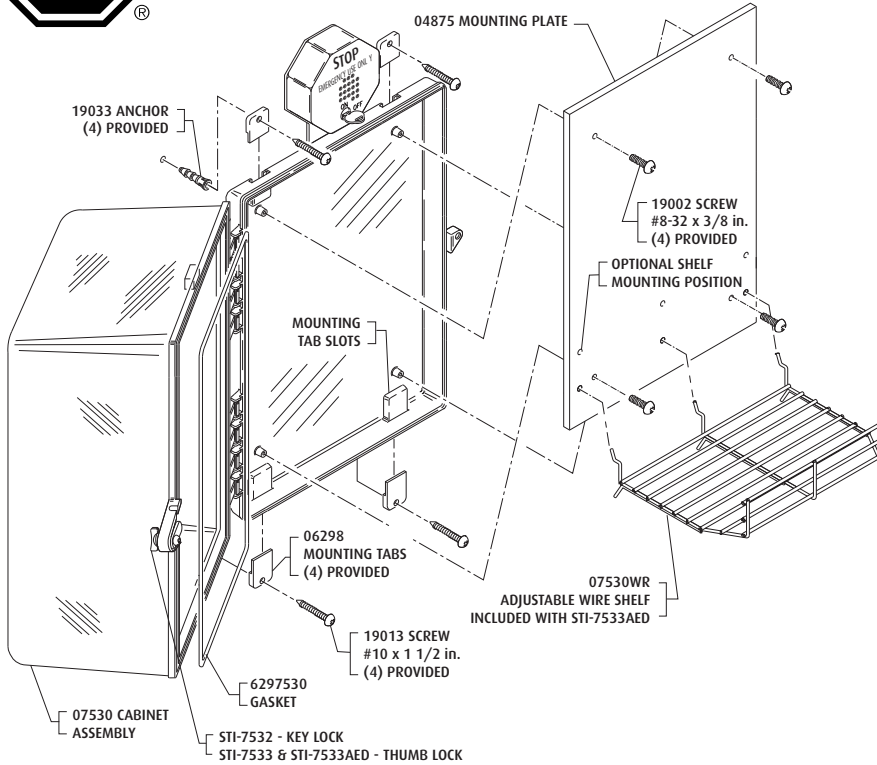# INSTALLATION OF STI-7532, STI-7533 & STI-7533AED PROTECTIVE CABINET

04875 MOUNTING PLATE

19033 ANCHOR (4) PROVIDED

19002 SCREW #8-32 x 3/8 in. (4) PROVIDED

OPTIONAL SHELF MOUNTING POSITION

MOUNTING TAB SLOTS

06298 MOUNTING TABS (4) PROVIDED

07530WR ADJUSTABLE WIRE SHELF INCLUDED WITH STI-7533AED

19013 SCREW #10 x 1 1/2 in. (4) PROVIDED

6297530 GASKET

07530 CABINET ASSEMBLY

STI-7532 - KEY LOCK
STI-7533 & STI-7533AED - THUMB LOCK

ALARM MOUNTING PLATE

OPTIONAL MOUNTING HOLES (4)

ROUTE THE 2 SWITCH WIRES THROUGH THE HOLE AS SHOWN
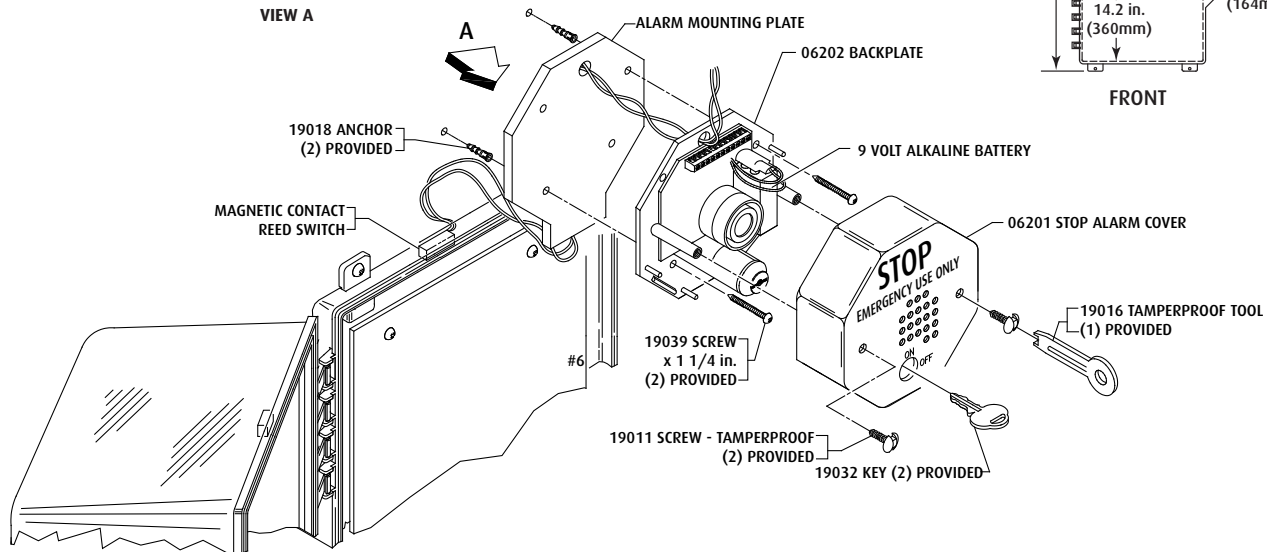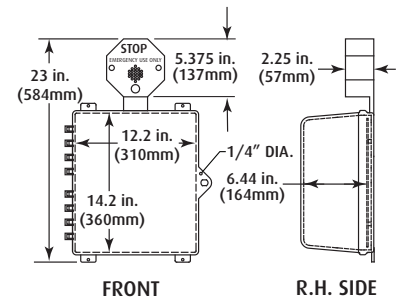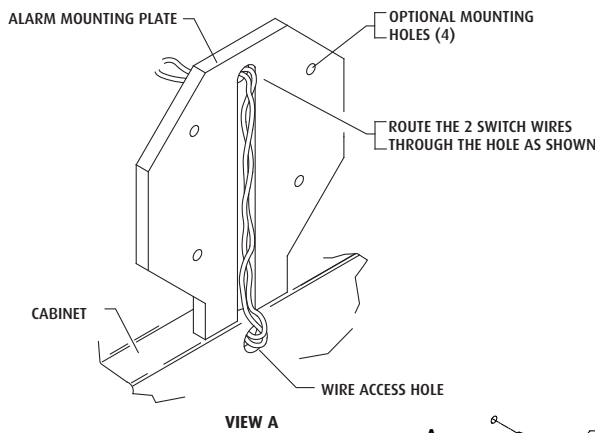
CABINET

WIRE ACCESS HOLE

VIEW A

INSTALLATION OF CABINET

1. Insert the (4) 06298 mounting tabs fully into back box mounting tab slots. Use rubber mallet if necessary.

2. After selecting a suitable location, place cabinet in closed position, against the wall. Mark and drill (4) 1/4 in. diameter holes. Insert the (4) 19033 anchors.

3. Select one of the two shelf mounting locations, install shelf. Close and lock cabinet.

4. Place cabinet in position making sure the (2) switch wires are not pinched between the wall and cabinet. Drive in the (4) screws. Cabinet is now secure.
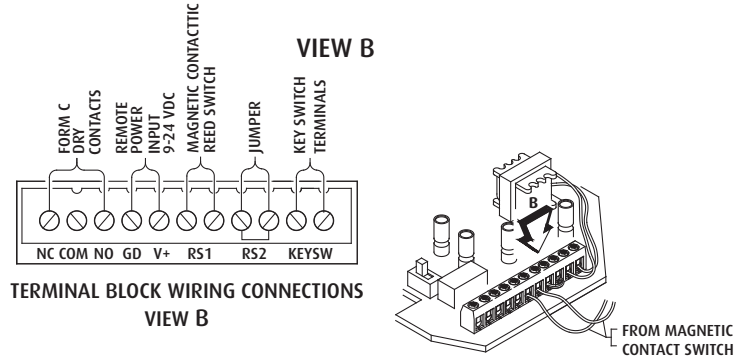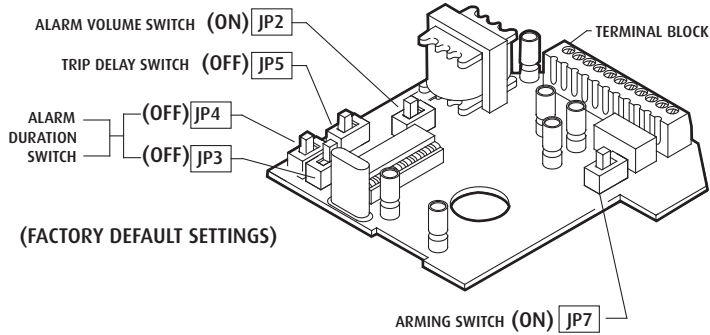
INSTALLATION OF ALARM ASSEMBLY

1. Place the alarm mounting plate on the top center of cabinet. Select at least two of the four optional mounting holes. Mark and drill 3/16 in. holes and install the 19018 anchors.

2. Fish the magnetic switch wires through the alarm mounting plate and the siren backplate (View A). Next, drive the two alarm mounting screws into the previous installed anchors.

3. Install the two magnetic switch wires following the terminal switch diagram (View B).

4. Install the alarm cover using the (2) tamperproof screws and provided tool.

23 in. (584mm)

5.375 in. (137mm)

2.25 in. (57mm)

12.2 in. (310mm)

1/4" DIA.

14.2 in. (360mm)

6.44 in. (164mm)

FRONT

R.H. SIDE

A

ALARM MOUNTING PLATE

06202 BACKPLATE

19018 ANCHOR (2) PROVIDED

9 VOLT ALKALINE BATTERY

MAGNETIC CONTACT REED SWITCH

06201 STOP ALARM COVER

#6

19039 SCREW x 1 1/4 in. (2) PROVIDED

STOP EMERGENCY USE ONLY

19016 TAMPERPROOF TOOL (1) PROVIDED

19011 SCREW - TAMPERPROOF (2) PROVIDED

19032 KEY (2) PROVIDED

CIRCUIT BOARD SET-UP

ALARM CIRCUIT BOARD SET-UP

ALARM VOLUME SWITCH **(ON)** JP2

TRIP DELAY SWITCH **(OFF)** JP5

ALARM DURATION SWITCH **(OFF)** JP4
(OFF) JP3

TERMINAL BLOCK

(FACTORY DEFAULT SETTINGS)

ARMING SWITCH **(ON)** JP7

VIEW B

FORM C DRY CONTACTS
REMOTE POWER INPUT 9-24 VDC
MAGNETIC CONTACT/TIC REED SWITCH
JUMPER
KEY SWITCH TERMINALS

NC COM NO GD V+ RS1 RS2 KEYSW

**TERMINAL BLOCK WIRING CONNECTIONS
VIEW B**

B

FROM MAGNETIC CONTACT SWITCH

WARNINGS

All units are recommended for indoor use. Unit must be tested periodically to verify the life of battery. STI recommends you change the battery twice a year. Duracell MN 1604 or equivalent recommended. Installer may need to purchase a simple audio-meter, typically available at your local electronics store, to measure the sound in areas where the alarm is expected to be heard during normal noise environment. Results from this test may prove it beneficial to purchase an additional alarm. When purchasing a remote unit (STI-6403) you will need to periodically test the connections to make sure audibles function at a sound level to alert staff. Maximum of three STI-6403 may be used in parallel.   All specifications and information shown are current as of publication and subject to change without notice.

WARRANTY INFORMATION

· Three year guarantee against breakage of polycarbonate in normal use (one year on electro mechanical and electronic components).
· Electronic warranty form at www.sti-usa.com/wc14.

SPECIFICATIONS

Alarm Electronics

Power Source	9 VDC Alkaline or 9V-24VDC wired Class II UL Listed transformer
Horn Volume at 1 ft.	95 dB low / 105 dB high
Relay Output	Form C Dry Contacts 0-30 VDC or VAC, 1 Amp
Stand by Current	10uA
Alarm Current	130mA at 95 dB / 200mA at 105 dB

Polycarbonate Alarm Cover:

Dimensions	5.375" W x 5.375" H x 2 " D (137mm x 137mm x 51mm)
Flammability:	UL94 V-2
Wall Thickness:	0.12 in (3.05mm)

SWITCH SETTINGS

FEATURE	JP2	JP3	JP4	JP5	JP7
Volume - High (105 dB) at 1 ft.	ON*				
Volume - Low (95 dB) at 1 ft.	OFF				
Duration - 30 Second Alarm		OFF	OFF		
Duration - 180 Second Alarm		OFF	ON		
Duration - Continuous Alarm		ON*	OFF*		
Duration - Annunciator Mode		ON	ON		
Trip - Immediate				OFF*	
Trip - 15 Second Delay				ON	
Arming - Immediate					ON*
Arming - 15 Second Delay					OFF

*Factory Settings
Note: Slide black lever to desired ON/OFF position as labeled on circuit board.