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Client: STI, Inc.
Model: 34501
Standards: FCC 15.231/IC RSS-210
ID's: TXL34501/6335A-34501
Report #: 2012026

Appendix J: Manual

Please see the following pages.

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STI Wireless Pool Alert
Model: STI-34501

Features and Specifications:
- Water/Weather resistant for outdoor use
- High output 85 dB alert siren (@ 10')
- Low battery indicator
- Comes with magnet, bracket and mounting hardware
- One button bypass operation
- Safety feature: cover will not close if battery is not installed
- Acts as a stand-alone alert or works with an STI Wireless Alert Series Receiver
- CR123, 3V Lithium battery operated (included)
- Material UV-Stabilized Polycarbonate
- UL 2017 Residential Water Hazard Entrance Alarm Equipment (pending)

Safety Technology International, Inc.
® *"We Protect the Things that Protect You."*

Thank you for purchasing the STI Wireless Pool Alert. The Pool Alert can be used to provide a high volume alert when a pool or spa area has been entered. It can be used outdoors on wood or metal gates or indoors on doorways leading directly to potentially dangerous areas. STI Wireless Pool Alert is not a substitute for supervision. Use as your "last line of defense." Your satisfaction is important to us. Please take the time to read this manual carefully to get the most from your product.

How the Product Works:

STI Wireless Pool Alert is designed to detect, by way of magnetic break, a door or gate opening, will sound an 85 dB alert and transmit a 433 MHz signal to an optional STI Wireless Alert Series Receiver.

Important Notes:

The STI Wireless Pool Alert, when properly installed, complies with UL 2017 Residential Water-Hazard Entrance Alarm Equipment Type SM, Self-Monitored Alert System. Strict adherence to mounting height and orientation is required for code; however, there may be additional local code requirements. The alert is not allowed to have a power switch, nor is the cover allowed to be mounted to the base without a battery installed. The STI Wireless Pool Alert can provide valuable protection when used correctly; however, it cannot guarantee protection against accidents or injuries. Therefore, STI cannot be held responsible for any loss, damage or injury that may occur. It is the user's responsibility to test and maintain the operations of the STI Wireless Pool Alert. The STI Wireless Pool Alert is water resistant, but not water proof. Do not submerge in water or allow water to enter through the locking snap. Refer to Receiver instructions for wireless programming.

Operational States:

Normal – all door/gates closed

Pre-Alert – A series of double beeps 7 seconds before going into "Alert." If door/gate is opened without pushing "Bypass" button, unit enters "Pre-Alert" state immediately.

Bypass – press button before opening door/gate for a 15 second walk through with no alert sound. Button can be pushed at any time to reset 15 second timer. Unit will go into "Alert" unless entry is closed.

Alert – full alert for opened door/gate. Red LED and 85 dB siren are continuous until the battery drains or button pressed. Press button during "Alert" to initiate "Bypass." During "Alert", if the door/gate is closed, siren will sound for 30 seconds, then return to normal state.

Low Battery indication – at Pool Alert – 1 short beep every minute

Optional receiver also has a low battery indication. See receiver instructions for information.

Operating Instructions:

Test and Program

1. Before mounting remove cover (Fig. 1).
2. Place magnet next to magnetic switch (location shown Fig. 4) then remove the Pink Mylar battery tab. Green LED flashes 1 time every 30 seconds (Normal State).
3. Move magnet away from magnetic switch. Pool Alert should make a series of double beeps and red LED flashes for approximately 7 seconds (Pre-Alert State), then alarm sounds and red LED is solid (Alert State).

REMOVING COVER - USING A SMALL FLAT SCREWDRIVER, PLACE SCREWDRIVER TIP ONTO SNAP COVER RELEASE AND PUSH IN GENTLY WHILE LIFTING COVER AT THE SAME TIME.
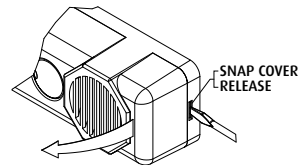

SNAP COVER RELEASE

FIG. 1

4. Press Button - Pool Alert is silent (Bypass State) for approximately 8 seconds, then enters "Pre-Alert State."
5. Press Button - Pool Alert is silent.
6. Move magnet near magnetic switch (Normal State).
7. If using wireless transmitter, refer to receiver instructions for programming.

Installation:
Notes:

- Pool Alert must be mounted with snap cover release toward ground or to the right side (Fig. 2).
- Plan installation so the magnet center can be mounted within ¾ inch, or less of the magnet center locator mark on the Pool Alert housing (Fig. 3).
- Recommend mounting Pool Alert to a stationary object of entry and magnet to door/gate.
- For mounting convenience there is a magnetic switch located on each side of the Pool Alert. Only one magnet is required for operation.

Screw Mounting (Fig. 4)

1. Remove Battery.
2. For compliance with UL 2017, drill 1 hole, 57" or greater above ground.
3. Insert anchor (if used) then screw. Leave screw head exposed approximately 1/8".
4. Slide teardrop slot on back of Pool Alert onto screw and push up.
5. Mark bottom hole, move Pool Alert to side (out of way) and drill.
6. Realign Pool Alert with mounting hole and install screw. DO NOT OVERTIGHTEN.

Post Mounting (Fig. 5)

1. Strap mounting bracket to post using straps as shown.
2. Slide teardrop slot on back of Pool Alert onto the mounting bracket and push up.
3. Secure Pool Alert base to mounting bracket with the #6-32 x 3/8" screw provided.

Magnet Mounting (Fig. 3)

1. Mount on door or gate with center of magnet aligned with center of magnetic switch using screws or double sided tape (not included).
2. When mounting on a steel surface, use plastic spacers provided.
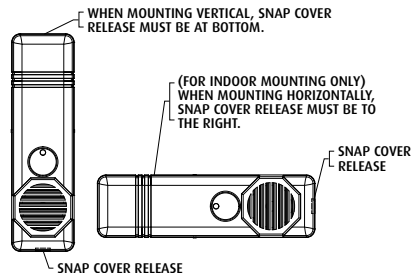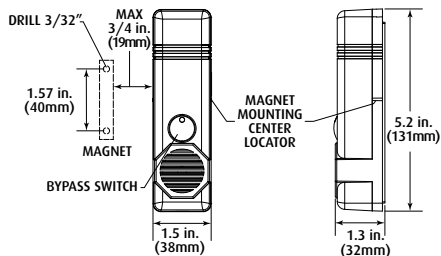3. Install battery and cover (Fig. 6).
4. Test Pool Alert.

WHEN MOUNTING VERTICAL, SNAP COVER RELEASE MUST BE AT BOTTOM.

(FOR INDOOR MOUNTING ONLY) WHEN MOUNTING HORIZONTALLY, SNAP COVER RELEASE MUST BE TO THE RIGHT.

SNAP COVER RELEASE

SNAP COVER RELEASE

FIG. 2

DRILL 3/32"
MAX 3/4 in. (19mm)
1.57 in. (40mm)
MAGNET
BYPASS SWITCH
MAGNET MOUNTING CENTER LOCATOR
5.2 in. (131mm)
1.5 in. (38mm)
1.3 in. (32mm)

FIG. 3

IF USING ANCHORS, DRILL 3/16 in. DIA. HOLES
IF USING SCREWS ONLY, DRILL 7/64 in. DIA. HOLES
ANCHOR (2) PROVIDIED
#6 x 1 in. SCREW (2) PROVIDED
DOOR JAM /GATE POST
PINK MYLAR TAB
MAGNETIC SWITCH
57 in. MINIMUM MOUNTING HEIGHT FROM THRESHOLD
POOL ALERT BASE

FIG. 4

STEEL POST
TEAR DROP STEM
ZIP TIE (NOT PROVIDED)
PINK MYLAR TAB
#6-32 x 3/8 SCREW (1) PROVIDED
MOUNTING BRACKET
POOL ALERT BASE
MOUNTING BRACKET MUST BE MINIMUM 57 INCHES FROM GROUND
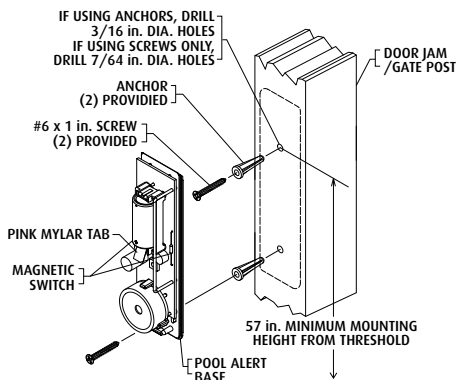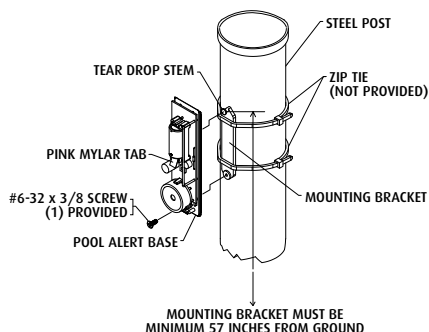
FIG. 5

Battery Safety Guidelines and Precautions:

Do not expose batteries to high temperatures, moisture or direct sunlight. Do not place batteries on conductive surface (anti-static mat, packaging bag or form trays) as it can cause the battery to short. Keep the battery contact terminal surfaces clean and free from moisture and foreign matter. Before inserting the battery, check the battery contact terminals to make sure they are normal, not bent or damaged. Bent terminals may not make good contact with the battery or may cause it to short-circuit.

Battery Replacement Instructions:

1. Remove the cover from the backplate (Fig. 1).
2. Remove old battery and replace with a new CR123, 3V Lithium battery.
3. Reattach cover to the backplate (Fig. 6).
4. If battery is not installed correctly the cover will not snap into place.
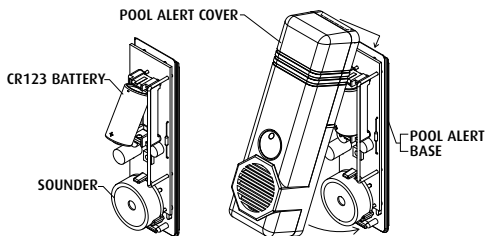5. Dispose of battery properly in accordance with local ordinances.

POOL ALERT COVER

CR123 BATTERY

POOL ALERT BASE

SOUNDER

FIG. 6

Maintenance:

When the volume becomes low, or the unit does not produce normal alert sound, replace the CR123, 3V Lithium battery. The STI Wireless Pool Alert's plastic resists ultraviolet rays from direct sunlight exposure. However, slight discolor over time is normal. Recommend testing STI Wireless Pool Alert once a week.

Important Notice:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions:
1. This device may not cause harmful interference.
2. This device must accept any interference that may be received, including interference that may cause undesired operation.
Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
1. L'Appareil ne doit pas produire de brouillage, et
2. L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
Model: 34501   FCC ID: TXL34501   IC: 6335A-34501

This product meets the applicable Industry Canada technical specifications.
Le présent matériel est conforme aux spécifications techniques applicables d'Industrie Canada.

Limited Warranty:

Safety Technology International, Inc. warrants to the original consumer/purchaser that this product shall be free of defects in material and workmanship under normal use and circumstances for a period of one (1) year from the date of original purchase for use.

IMPORTANT:

⚠️ The use of the STI Wireless Pool Alert does not replace constant adult supervision!

STI

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