VI. CLEANING AND MAINTENANCE
Each notification signaling appliance should be maintained in reliable operating condition. Periodic inspection and tests should be made to assure proper operation of the appliances. Visible appliances may require periodic cleaning to remove dust or debris that may have accumulated on the appliance. The frequency of cleaning will depend on the local ambient conditions.

VII. TO RETURN A GX5 REMOTE STROBE UNIT
Should you experience problems with your GX5 Remote Strobe Unit, proceed as follows.
1. Turn off electrical power to the auxiliary alarm circuit.
2. UnscREW the unit from the electrical box.
3. Disconnect the unit from the field wiring. Reconnect the two hot supply voltage circuits (black wires) and the two neutral supply voltage circuits (white wires) for AC Models of the auxiliary alarm circuit to maintain power to the other auxiliary alarm appliances in the system.
4. Carefully pack the defective unit (the manufacturer is not responsible for consequential damage due to shipping or mishandling). Include your return address and complete details as to the nature of the difficulties being experienced and date of installation.
5. Return to: Gentex Corporation, 10985 Chicago Drive, Zeeland, MI 49464. Priorto returning, call the Gentex Field Service Department at 1-800-436-8391 or e-mail FP_RMA@gentex.com for a RMA number.

VIII. ELECTRICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>WALL STROBE CURRENT RATINGS</th>
<th>Candela</th>
<th>Regulated 120VAC Max. Operating Current(mA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>177</td>
<td>209</td>
<td></td>
</tr>
</tbody>
</table>

Note: AC Voltage Range Limits: 96-132v. This product was only tested to the stated voltage range; do not apply 80% and 110% of this range of system operation.

LIMITED WARRANTY
For a period of 36 months from the date of purchase, or a maximum of 42 months from the date of manufacture, Gentex warrants to you, the original purchaser, that your appliance will be free from defects in workmanship, materials, and construction under normal use and service. If a defect in workmanship, materials, or construction should cause your appliance to become inoperative within the warranty period, Gentex will repair or replace the appliance without charge to you. Gentex will not reimburse you for repairs or replacement parts provided by other parties. Your replaced or replacement appliance will be returned to you free of charge and it will be covered under this warranty for the balance of the warranty period. This warranty is void if, in the opinion of Gentex, your appliance shows that the damage or failure was caused by abuse, misuse, abnormal usage, faulty installation, improper maintenance, or repairs other than those performed by us.

ANY WARRANTIES IMPLIED UNDER ANY STATE LAW, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, APPLY ONLY FOR THE WARRANTY PERIOD SPECIFIED ABOVE. PLEASE NOTE THAT SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE EXCLUSION MAY NOT APPLY TO YOU.

GENTEX CORPORATION
10985 CHICAGO DRIVE, ZEELAND, MI 49464
PHONE: 800-436-8391
www.gentex.com
III. MOUNTING ROUGH-IN BOX AND RUN WIRING

The GXS Remote Strobe is designed for mounting to most single and double gang electrical boxes. Conduit entrance to boxes should be selected to insure sufficient wiring clearance.

1. Mount a box for each remote signaling device.
2. Run a minimum 16-gauge insulated, 2-conductor cable for AC strobes.

NOTICE: All visual signals are designed to flash as specified with continuous applied voltage. This appliance is not recommended for use on coded or pulsing signaling circuit.

WARNING! Visual signal must be installed within 16 feet of the pillow when used in a sleeping area.

WARNING! Visual signal must be in the direct viewing area of the occupant in order to be seen.

WARNING! Visual signal can not be seen when objects such as doors, furniture or walls block visual signal.

NOTICE: Visual signals for the hearing impaired are only one method of alerting the hearing impaired. Visual signals may not be the preferred method for notifying all hearing impaired individuals.

NOTICE: The visual signal must be seen by the sleeping person. If the person has head turned or otherwise unable to be alerted by visual, the visual signal will not be effective.

WARNING! Visual Signal should NEVER be relied upon as the primary fire alert for the hearing impaired under these common sense conditions:

- a. Sleeping face down on the bedding or pillow
- b. Use of sleep medications of any kind
- c. Use of alcoholic beverages or recreational drugs
- d. Use of eye shades
- e. If there are tendencies of deep sleep conditions
- f. If a fire cuts power to AC circuits, the visual signal will not operate.
- g. If person is not within line of sight of visual signals

Under these and other similar common situations an alternate fire alert method such as a non-hearing impaired attendant is needed. The visual signal only increases the chance of being alerted to the presence of fire. No system of this type can fully protect the hearing impaired in case of fire.

IV. MOUNT ADAPTER PLATE, CONNECT WIRES AND INSTALL UNIT

Depending on the type of electrical box installed, the GXS Remote Strobe unit can be mounted directly to the box, or by using the mounting adapter plate provided. (See Figures A and B.)

1. If needed, secure the mounting adapter plate to the electrical box. Use screws provided with electrical box.
   IMPORTANT: Mounting plate is marked "THIS SIDE OUT" and slotted for proper positioning.
2. The GXS Remote Strobe has two terminals for power-in and power-out supply circuits. For each terminal, one is for the incoming circuit and one is for the outgoing circuit.
3. Make wire connections as follows: hot to + and neutral to - for AC models.
4. Secure the GXS Remote Strobe to the electrical box with two of the screws provided. Use the longer screws for direct mounting and the shorter screws for attachment to the mounting plate.

CAUTION
WHEN INSTALLING, ROUTE FIELD WIRING AWAY FROM SHARP PROJECTIONS, CORNERS AND INTERNAL COMPONENTS.

V. CHECKOUT AND TROUBLESHOOTING

1. Supply power to the system control panel. The auxiliary signaling appliances in the system should not be activated.
2. If the signal is activated:
   a. Check all smoke alarms and fire detectors in the system to make sure they have not been activated.
   b. Check all wiring connections to make sure the signal detection circuits are not reversed or shorted together. Check wire color codes and traces.
3. To test the GXS Remote Strobe and other signaling appliances, trip the auxiliary panel or activate alarm circuit at the main control panel or activate one of the fire detection units in the system. All auxiliary signals should be activated.
4. An operational test on this product should be conducted in accordance with National Standards or at a minimum annually and more often if dictated by local and state codes or authorities having jurisdiction.

NOTE: These testing and troubleshooting instructions are generalized. Please refer to the system control panel operating instructions for proper operation of the panel and fire detection system.