

## WARNING

- Immediately turn off the power to the system if there is a mechanical problem.
- The Crossing Gate must be located on a flat surface.
- Do not permanently attach the Crossing Gate section or the Sensor Tracks to the layout.
- Keep all liquids away from the Crossing Gate and the Sensor Track.
- Do not disassemble or modify the Crossing Gate or the Sensor Tracks as this will cause severe damage to the components.
- To insure reliable operation, always keep track sections clean. A soft rag can be used to carefully clean the track sections.
- When operations have been completed always turn the power off and be sure the Gate is in the closed position.

## FOR REPAIR

Please contact KATO USA, INC. and provide the following information:

- ① Make & Model of Power Supply.
- ② Make & Model of Locomotive or Rolling Stock, if it causes a problem.
- ③ Total hours of use?
- ④ Condition of your layout. (Any other electric devices which may be in use?)
- ⑤ How trouble started?
- ⑥ Your daytime phone number.

## CROSSING GATE SPECIFICATIONS

|                          |                              |                              |
|--------------------------|------------------------------|------------------------------|
| ○ Power input : DC12~15V | ○ Crossing Gate dimensions : | ○ Sensor patent number :     |
| ○ Current consumption :  | Length 124mm (4.88')         | Capacitance detection method |
| Gate open 30mA           | 137mm (5.39') Max            | JAPAN : PAT. No. 1775853     |
| Gate close 80mA          | Width 266mm (10.47')         | U. S. A. : PAT. No. 4470008  |
| Gate activating 400mA    | Height 34mm (1.34')          | CANADA : PAT. No. 1182188    |

## LIMITED WARRANTY

KATO U.S.A., INC. warrants that this product will be free from defects in material and workmanship for a period of sixty (60) days from the date of purchase. If this product fails during the warranty period, carefully pack the assembled item in the original carton, together with the dated sales receipt, and return to: KATO U.S.A., INC., 781 Dillon Drive, Wood Dale, Illinois 60191. Defects due to misuse, improper maintenance and/or abuse are not covered by this warranty. Items that have been disassembled by the modeler or anyone other than an authorized KATO repair person are not covered by the warranty. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

**Purchase Date:**     /     /     **Retailer:**

IMPORTED BY

 **KATO USA, INC.** 781 DILLON DRIVE, WOOD DALE, IL 60191 U.S.A.

PHONE: (708) 350-2020     FAX: (708) 350-2667

Monday through Friday Between 10:00am and 5:00pm Central Time.

DIMENSIONS AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.