Various problems can be caused by low dc supply voltage. Check if voltage activated now? “Click” on/off does water is filter. Yes.

If the flush time also needs to be beyond t_1 to be added.

Every 2 seconds. Each flash represents a time period value.

For service under this warranty, it is suggested that a claim be made through the contractor or dealer from or through whom the product was purchased, or that a service request (including a description of the product model and of the defect) be sent to the instructions; or if it has been modified in a manner inconsistent with the product as shipped by American-Standard.

The urinal cover with actuator. If the urinal cover needs assist to be adjusted. 

Replace the "XXX" with appropriate finish code.
PROGRAMMING

Connect the sensor to the battery / power supply. The sensor L.E.D. will flash for 5 seconds. After 5 seconds, the sensor will be ready for use.
Turn water supply back on and test the installation. Stand in front of the sensor for at least 5 seconds then move away. Urinal should flush for the preset duration of 6 seconds.
If the urinal functions properly and the detection zone and duration is adequate, run the wire through the slot on the Battery Pack housing and close Battery Pack cover. It is recommended to use a sealant in the wire-through slot on the Battery Pack housing. It is recommended to use a non-permanent sealant only (like plumber's putty) around the Battery Pack Cover and around the cover screw slots. Tie up any excess wire for a “cleaner” installation and re-attach ceramic cover (with washer/cap) using the special screw and screwdriver.

If there is a problem with the flush or the detection zone or the flush time needs to be adjusted, disconnect the sensor from the battery / power supply and proceed as listed below.

NOTE: Please read all the instructions prior to attempting to program the sensor.

The Detection Zone (distance) and the Flush Time Settings can be easily changed without a remote control device. The programming mode is activated for 5 seconds each time the power is connected to the sensor. If programming is required, after the sensor has been in operation, the power (battery or mains) source must first be disconnected. Start with the power disconnected from the sensor.

Setting the Detection Zone (Distance): Apply power to the sensor. While the Sensor Control LED is blinking slowly, place your hand 30 – 50 mm (1 – 2 in.) in front of the sensor. When the LED stops blinking and stays “on,” stand just beyond the desired detection distance (in line with the sensor). Stay at that position until the LED begins to blink again. If the flush time also needs to be changed, follow the next steps for “Setting the Time Period” as described below.

Setting the Time Period: Immediately after setting the distance while the LED is blinking, again hold your hand in front of the sensor (distance about 30-50mm (1–2in.)). The Sensor Control LED will turn off and then begin to flash very slowly (approximately every 2 seconds). Each flash represents a time period value. - See below for time period table. When the sensor has flashed the number of times correlating to the desired time period, remove your hand from the detection zone of the sensor.

TIME PERIOD TABLE

<table>
<thead>
<tr>
<th>Urinal Function</th>
<th>Flash Number</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Time</td>
<td>4 sec</td>
<td>6 sec</td>
<td>8 sec</td>
<td>10 sec</td>
<td></td>
</tr>
</tbody>
</table>
TROUBLE SHOOTING GUIDE

1. **CHECK POWER SUPPLY FIRST!** Various problems can be caused by low dc supply voltage.

   (a) Operating range is 5.4 to 6.4 volts.

   (b) On units which contain a 6 volt battery pack, be sure that holder contains 1 Lithium Photocell Battery, that battery contacts are not corroded, and electrical connections are secure. Battery replacement is required if voltage is less than 5.4 volts.

   (c) On units that use an external 6 volt dc supply, check that 6 volts dc supply voltage is present, and that electrical connections are secure.

   (d) Continuous double flashing indicates low battery.

2. **DO PREVENTATIVE MAINTENCE:**

   Check that sensor area is clean. If needed, clean with soft cloth dampened with warm water or non-abrasive glass cleaner.

3. **TO ACTIVATE FLUSH CYCLE:**

   Stand to side of unit an place hand in front of IR sensor for 5 - 7 seconds, remove hand to activate flush cycle. LISTEN for ON and OFF “clicks” from water control solenoid that control flush cycle.
LISTEN for ON and OFF “clicks” from water control solenoid that control flush cycle.

2. DO PREVENTATIVE MAINTENANCE:
   (d) Continuous double flashing indicates low battery.
   (b) On units which contain a 6 volt battery pack, be sure that holder contains 1 Lithium Photocell Battery,
   CONSTANTLY

FLUSH

HOT LINE FOR HELP

Various problems can be caused by low dc supply voltage.
CHECK IF VOLTAGE

YES
NO

IN MEXICO  01-800-839-12-00

MULTI BOARD
A950489-0070A
CASE ASSEMBLY
MULTI BOARD
SILVER
738781-0070A
REPLACE SENSOR
REPLACE/REBUILD
WATER CONTROL
SUPPLY STOP

222
021
SOLENOID
KIT 240
OR
PHOTO LITHIUM BATTERY
0.5 GPF urinal
PRODUCT NUMBER
738708-0070A

The products described herein are manufactured for American-Standard.
The products have been thoroughly tested and found satisfactory.

This warranty gives you specific legal rights. You may have other statutory rights that vary from state to state or from province to province, in which case this warranty does not affect such statutory rights.

For service under this warranty, it is suggested that a claim be made through the contractor or dealer from or through whom the product was purchased, or that a service request (including a description of the product model and of the defect) be sent to the following address:

In the United States:
American Standard Inc.,
P.O. Box 6820
Piscataway, New Jersey 08855
Attention: Director of Consumer Affairs

For residents of the United States, warranty information may also be obtained by calling the following toll free number: (800) 442-1902

In Canada:
American-Standard,
2480 Stanfield Rd.,
Mississauga, Ontario
Canada L4Y 1S2

Toll Free: (800) 387-0369

In Mexico:
Customer Service Manager
Ideal Standard, S.A. de C.V.
Via Morelos #330
Col. Santa Clara
Ecatepec 55540 Edo. Mexico