

Glass Checker

EG-2000

Thank you for purchasing the TAKEX product. The sensor will provide long and dependable service when properly installed. Please read this manual carefully for correct and effective use.

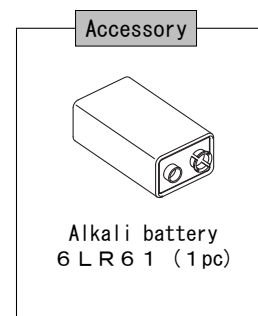
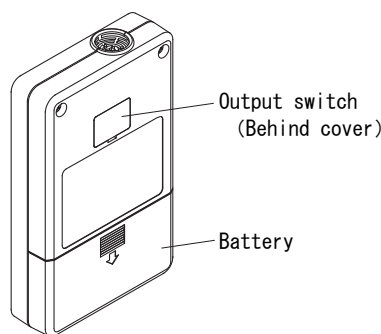
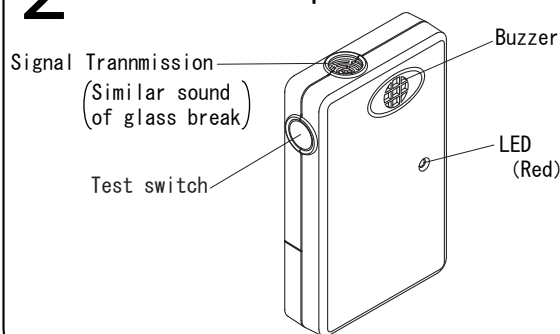
1 Description

EG-2000 is checker to check the sensitivity and alarm operation of Glass break sensor.

TAKEX Glass break sensors

GS-1000	GS-1100
TX-112	BUS-G1200

2 Parts description



3 Precautions

《Safety notice》

⚠ Warnings			
Read this notice before operation for correct use			
<ul style="list-style-type: none"> ● In case the unit issues strange smell or noise, immediately quit using. 	⊘	<ul style="list-style-type: none"> ● Do not remodel or reassemble the unit. 	⊘
<ul style="list-style-type: none"> ● Liquid should not be allowed to enter the unit. 	⊘	<ul style="list-style-type: none"> ● Use of input voltage exceeding specifications may result in fire. 	⊘
<ul style="list-style-type: none"> ● This unit issues an ultrasonic waves, do not use it towards human ears which damages listening system. 	⊘		

- Do not warm up, decompose, put the battery into water/fire, it may cause a serious accident.
- The attached battery is not rechargeable, do not recharge.
- Do not keep the battery in the same place with metallic objects, it causes short-circuit, may result in a serious accident.
- Keep the battery away from children who may accidentally swallow it.

《Operation notice》

- Do not give a strong impact to the unit.
- The unit may not work properly near the strong magnetic field.
- Some devices may not work properly due to the ultrasonic of this unit.
- This unit is for indoor use only. Do not install in the location subject to splashing water, excessive humidity.

《Another notice》

- This unit is usable only for TAKEX Glass break sensors. Do not use for other object.
- Attached battery is for testing purpose only. Depending on the holding periods in the factory, battery life may almost exhaust. Upon the purchase of the unit, change the battery to new one.
- Battery life may shorten depending on environments.

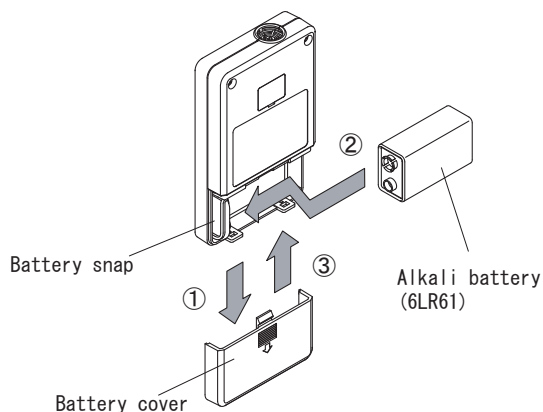
4 Operation

1. Battery

- ① Detach the battery cover.
- ② Insert Alkali battery (6LR61).

⚠ Use designated battery only.
Connect with correct polarity.

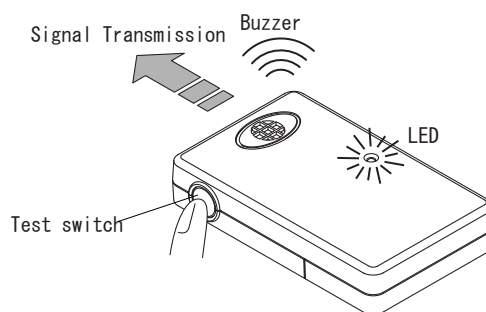
- ③ Attach battery cover.



2. Operation check

On pushing test switch, buzzer rings and LED lights, a signal is transmitted from the unit. The signal cannot be heard by human ear.

⚠ Do not use the unit towards human ears which damages listening system.
⚠ Do not give a strong pressure to signal transmission hole or buzzer hole, it may damage the unit.



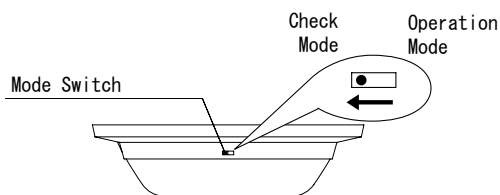
3. Operation

Sensitivity

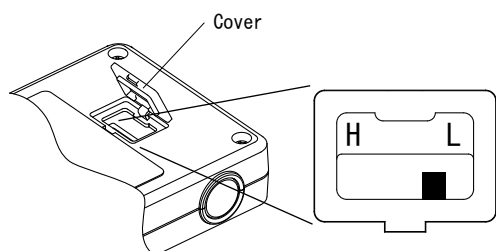
Set the output switch "L", to check the sensor's sensitivity.

- ① Supply power to the sensor and select "Check Mode".

※ Read the manual of the sensor.



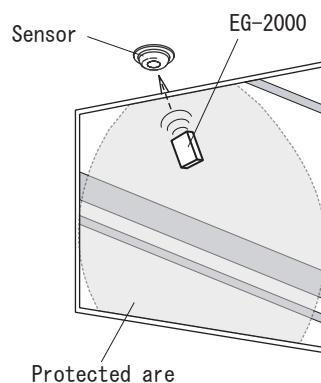
- ② Push the test switch and confirm the buzzer sound - "Pi-". If the buzzer sound is "PiPiPi", change the Output switch to select "L".



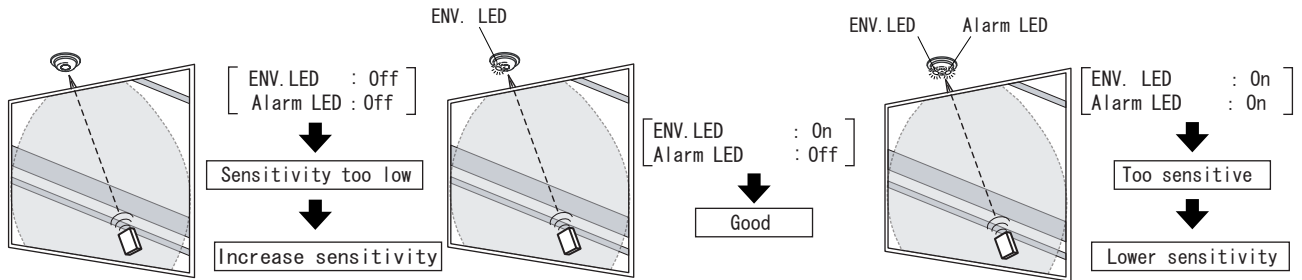
- ③ Activate EG-2000 just near the sensor. Confirm both of Alarm LED (Red) and Environmental LED (Orange) light. Then the sensor is operating properly.

- ④ Activate EG-2000 from from all protected window position to the direction of the sensor, confirm just the environmental LED (Orange) lights, not Alarm LED (Red). If neither Alarm LED nor Env. LED lights, sensitivity of the sensor is too low. If both LED light, sensitivity is too high.

* Please correctly direct the signal transmission hole to the sensor otherwise the signal does not reach to the sensor.

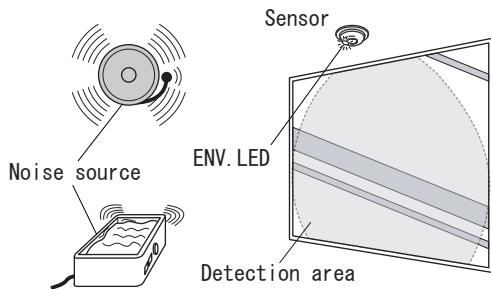


⑤ Activate EG-2000 at the furthest point of required protection, if only the Environmental LED (Orange) lights and Alarm LED (Red) does not, adjustment is good. If both of LED lights, sensitivity is too high, adjust the sensitivity.

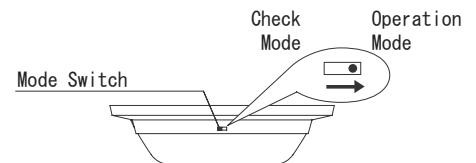


⑥ Activate all possible noise sources in the protected room and confirm ENV. LED does not light. If ENV. LED lights,

- A) Change the sensor position
- OR
- B) Increase the number of sensor and lower the sensitivity of each sensor.



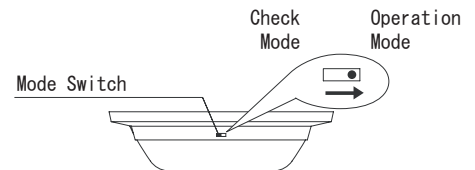
⑦ When the checking is completed, turn the sensor to "Operation Mode".



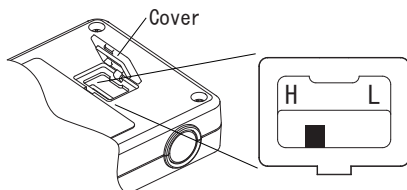
Alarm confirmation

Set the output switch of EG-2000 to "H".
Set the sensor to "Operation Mode".

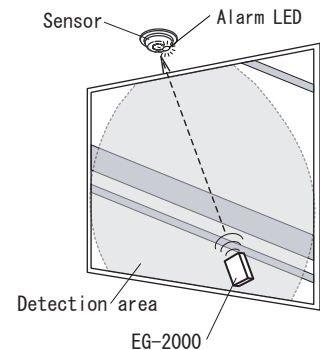
※The output level of "H" is higher than that of "L".



① Push the test switch and confirm the buzzer sound - "PiPiPi". If the buzzer sound is "Pi-", change the Output switch to select "H".



② Activate EG-2000 from detection area with the signal transmission hole directed to the sensors. Confirm Alarm LED of all Sensor Alarm LED sensors light.



4. Battery change

When LED gets dark, battery is nearly exhausted, change battery immediately.

