

BS-3001 Siren with beacon with activation button and back up lighting



CHNICAL CHARACTERISTICS

OPERATION VOLTAGE	220-240V AC/50-60Hz
MAXIMUM CONSUMPTION	3 VA
BATTER (Ni-Cd)	3,6V/1Ah
CHARGE TIME	24 hours
BATTERY PROTECTION	Deep discharge and overcharge protection
MAXIMUM DURATION OF LUMINAIRE	90 minutes
INDICATORS	Charge indication LED
CONTROLS	TEST button and manual call point
SOUND LEVEL at 1meter	Approx. 100 dB
DEGREES OF COVER PROTECTION	IP 40
PRODUCED IN ACCORDANCE WITH	EN 50130-4, EN 61000-6-3, EN60950-1
OPERATION TEMPERATURE RANGE	0 to 40 °C
RELATIVE HUMIDITY	Up to 95%
CONSTRUCTION MATERIAL	Bayblend FR3010
EXTERNAL DIMENSIONS	201 x 142 x 53 mm
TYPICAL WEIGHT	520gr.
GUARANTEE	2 years (1 year for the battery)

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GENERAL

The S-3001 is a device that has a siren, beacon, manual call point and back up lighting with LEDs all in one unit. It can be activated manually by pressing the manual call point. In every power supply failure, the unit automatically turns the LED in back up operation.

In this state, all the functions of the unit operate normally. If an alarm has not been issued then the back up lighting will operate for only 90 minutes in order to conserve battery power for an eventual fire alarm.

If an alarm is given simultaneously with the power supply failure then the total autonomous duration of the system will be approximately the same as the duration of the back up illumination. If the alarm is given after a mains power supply failure then that total duration of the system will be at least 90 minutes. When the mains power supply is restored then the unit continues its normal operation.

The device has a TEST button which activates the back up lighting for as long as it is pressed.

INDICATION LED

The device has a green LED which is used to show that the batteries are charging when the

mains power supply is active. An LED that is not lit usually denotes that the battery is not connected. If the battery is connected then it usually denotes a faulty battery which must be replaced. Please note that the microprocessor of the unit manages the battery in the best possible way.

RESETTING THE MANUAL CALL POINT BUTTON

To reset the manual call point button, after it has been pressed, to its original position, use the supplied plastic key. Insert the key into the slot, rotate 90 degrees and pull on the key until the button locks into position.

The unit has an input for connecting an external call point button. The external button must be of the latching type and must have the same operation as the built in button. The resetting of the call point button cancels the alarm. The activation of the unit using the call point button must be done periodically (i.e. Every month) in order to verify the good operation of the unit.

INSTALLATION

To install the device follow the installation instructions as described on page 2.

WARNING !!!

1. Every maintenance, inspection and installation operation must be done only by qualified service personnel.
2. The unit must be connected to the mains power supply via its own dedicated fuse with a rating depending on the total power of the line.
3. It is advised that an optical inspection is conducted every month to verify the operation of the charge LED and the charging of the batteries. The TEST button should also be pressed to verify the good operation of the back up. If the back up circuit is not operating then contact the installer.
4. In case of inactive use for a period greater than 2 months, disconnect the battery by removing the battery jumper labeled "battery enable".
5. It is suggested to check every 6 months the minimum autonomous

duration by disconnecting the mains power supply. Count the time that the lamp lights and in case of less time than the minimum autonomous duration the battery must be replaced. If the measured time is considerably less than the minimum autonomous duration contact the installer. If the batteries must be replaced then use only batteries of the same type and rating.

6. It is not allowed to discard batteries in to common trash bins, they must be discarded only in battery recycling points.

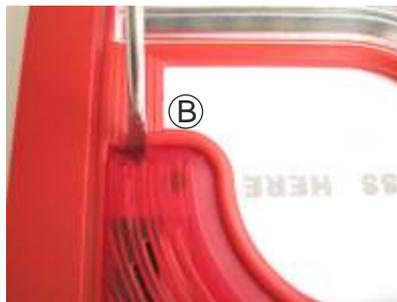


INSTALLATION PROCEDURE

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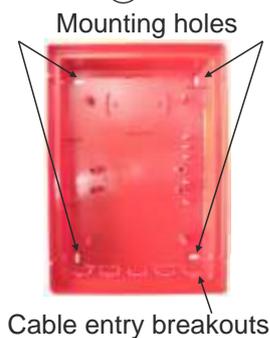
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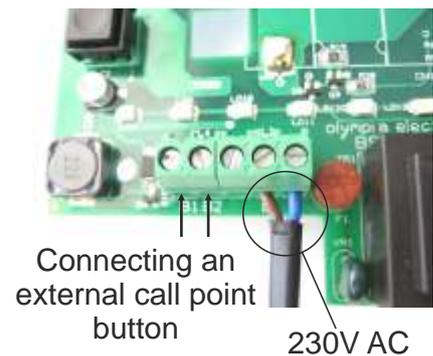
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1. In order to install the unit we must first remove the two diffusers. Place a flat blade screwdriver into area A and pry the plastic until the hook is disengaged.
2. Do the same with the other diffuser by placing a screwdriver in area B and pry the plastic until the plastic hook is disengaged.
3. After removing the two diffusers we must remove the two retaining screws that retain the front cover.
4. Use the supplied mounting accessories to install the unit.
Pass the cables into the unit by breaking the appropriate breakout hole.
5. Install the "battery enable" jumper as shown in photo 5.

6. Connect the mains power supply **L** for “Live” and **N** for “Neutral”. Connect the external call point button if required to contacts **1** and **2**.
7. Re-install the front cover by using the screws that were removed in step 3.
WARNING!! Use a maximum torque of 0,4 Nm to tighten the screws. Snap on the two diffusers that were removed in steps 1 and 2 and the unit is ready to operate.

WARRANTY

Olympia Electronics guarantees the quality, condition and operation of the goods. The period of warranty is specified in the official catalogue of Olympia Electronics and also in the technical leaflet, which accompanies each product. This warranty ceases to exist if the buyer does not follow the technical instructions included in official documents given by Olympia Electronics or if the buyer modifies the goods provided or has any repairs or re-setting done by a third party, unless Olympia Electronics has fully agreed to them in writing. Products that have been damaged can be returned to the premises of our company for repair or replacement, as long as the warranty period is valid.

Olympia Electronics reserves the right to repair or to replace the returned goods and to or not charge the buyer depending on the reason of defection. Olympia Electronics reserves the right to charge or not the buyer the transportation cost.

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