

ESB-1 WIRELESS BLEEPER

Installation & operating instructions

INTRODUCTION

The ESB-1 plug in bleeper is intended for indoor use only and works in conjunction with any of the easyswitch transmitters. EST-1. ESF-1,2&4. ESD-1,2&3.

The ESB-1 is mainly used with an ESD PIR detector to provide an audible warning when a person or vehicle enters a detected area.

When used with an ESD PIR detector, there are three modes to choose from.

Day and Night, Day only, Night only.

The PIR detector sends coded information to the ESB-1 bleeper that informs it whether it is day or night.

Learning the code.

STEP1. Press the LEARN button at the base of the ESB-1. The learn LED will light.

STEP2 A. Connect a PP3 battery to the PIR detector which causes it to transmit briefly. If the battery was already connected, simply pass your hand in front of the detector to make it transmit.

B Alternatively, to learn a wall switch or key fob, operate the switch or key fob button that is to work with this bleeper. The learn LED will flash and go out indicating that the code has been learnt.

STEP3. Operate the switch or activate the PIR again and the bleeper will sound.

STEP4. Carry out range testing.

Range testing.




Do not fit the PIR detector permanently in position until a range test has been successfully completed.

Plug the bleeper into a mains wall socket where you will be able to hear it clearly.

Now take the PIR detector or key fob to the place where it is to be used. With a PIR detector, hold it against the wall and wave your hand in front of it while listening out for the bleeper. The bleeper should sound for about five seconds. If the range is poor, refer to the AERIAL section.

Mode selection.

The ESB-1 has three modes to choose from and these are selected by unscrewing the four screws at the back of the bleeper and selecting with the two switches as shown.

Mode A	DAY and NIGHT operation.	ON	
Switches	1 ON 2 ON		1 2
Mode B	DAY only	ON	
Switches	1 ON 2 OFF		1 2
Mode C	NIGHT only	ON	
Switches	1 OFF 2 ON		1 2

Aerial.

To achieve the best range results you will need to fit the ESB where it has the least amount of obstacles between it and the transmitter. The aerial wire should be vertical and the higher the bleeper is placed above ground level the greater the range will be. The same applies to the transmitter. Do not fit the receiver on or in metal objects as this will seriously affect range. Keep cables away from the aerial. With a clear line of site and with both the transmitter and ESB at 2 metres high, transmission ranges of up to 250 metres are possible.

Set-up notes.

1. The bleeper can learn up to 16 PIR detectors, switches and key fobs
2. The bleeper will retain the learned codes even if the power is removed
3. To flush the memory, simply press and hold the learn button until the led goes off. This takes about 5 seconds.

Technical data:

Operating voltage 240 volts 50Hz

Bleep period 5 seconds (fixed)

Temperature range -10 to +40C

Enclosure ABS White

Standards BS EN 60669

Contacts:

For a list of authorised distributors, technical support, application notes and details of new products please contact us at:

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