

**BS-540**  
**BS-545**      **General purpose electronic siren**



TECHNICAL CHARACTERISTICS	BS-540	BS-545
Operation voltages	12-24V DC	230V AC
Maximum consumption	12V-3.5W    24V-4W	5VA
Sound level output at 1m	0 - 100 dB ( adjustable )	
Degrees of cover protection	IP 20	
Produced in accordance with	EN 60335, EN 50082-1, EN 61000-3-2, EN 61000 -3-3	
Operation temperature range	0 to 60 °C	
Humidity	Up-to 95% relative humidity	
Construction material	ABS	
External dimensions	90mm (diam.) x 107mm (height)	
Typical weight	200 gr	350 gr
Guarantee	2 years	

Thank you for purchasing this product of Olympia Electronics. A European manufacturer.

**General:**

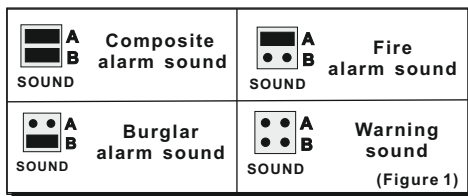
**BS-540:** The BS-540 siren is a general purpose siren able to produce a loud sound with an input voltage of 12V DC or 24 V DC. It can be used with alarm systems or fire detectors and with any other sensor with 12 or 24VDC output.

**BS-545:** The BS-545 siren is a general purpose siren able to produce a loud sound with an input voltage of 230VAC. It can be used with any sensor with 230VAC output.

**SELECTING THE SOUND:**

Sound selection is done using jumpers that are found inside the device. The sound that will be produced depends on the jumper setting. **The factory default setting produces a composite alarm sound.** The siren also has a volume control adjuster.

To select the sound we must first remove the two retaining screws C and D of the megaphone. (Figure 1). Next carefully unbutton the megaphone from the main body of the siren by pulling it gently. Locate the sound selection jumpers marked SOUND and set the desired combination to produce the required sound. Figure 3 shows all the possible combinations. After selecting the required sound, button the megaphone to the main siren body. Be sure to align the holes where the retaining screws C and D will be fastened.



### Mounting and connecting

Mounting and connecting the siren is very simple . The siren has a special mounting bracket . This bracket is tied to the siren using the screws that are found on the siren body. (A and B on figure 2). After mounting the bracket, using the mounting screws found in the package, we must unscrew the A and B screws from the siren. Next place the siren between the mounting bracket and fasten the A and B screws as shown in figure 2. The mounting bracket permits the siren to swivel in one direction.

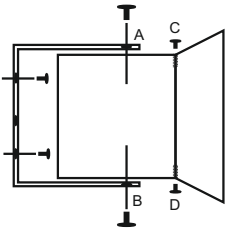
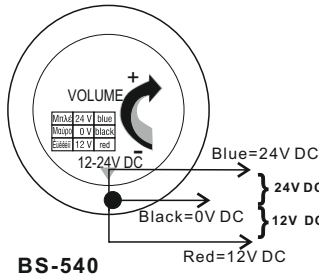
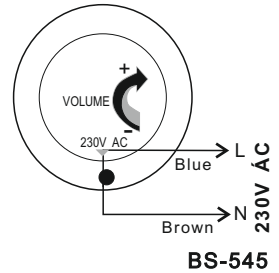


Figure 2 Installing



BS-540

Figure 3 Connecting



BS-545