

## Product Description

The BS 5446-3 Vibrating Pillow Pad, part no. BF320, is designed to be placed flat under the pillow / mattress of a hearing impaired person to provide warning of a fire alarm condition.

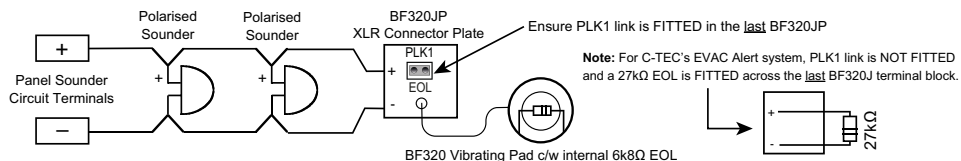
The BF320 plugs directly into a separately available BF320JP connector plate and is also compatible with commonly available third-party connector plates. It is a 10-30Vd.c. device that vibrates when triggered and also pulses on and off as per BS 5446-3.

An internal 6k8Ω EOL (selectable via the BF320JP) provides line monitoring. **Note:** If the BF320 is used on C-TEC's EVAC Alert system, PLK1 on the connecting BF320JP is NOT FITTED and a 27kΩ EOL is FITTED across its terminal block (see Fig.1 & Fig.2).

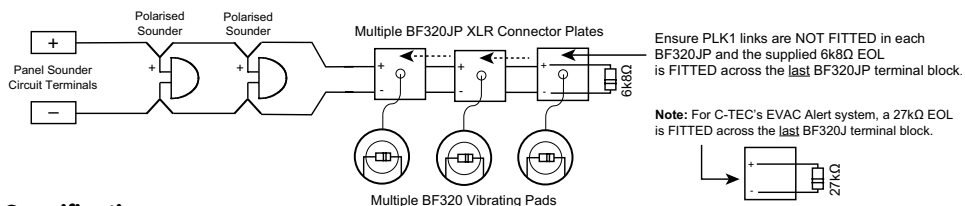


## Connections

**Fig.1 - Typical connections for a single BF320JP & BF320**  
(BF320JP shown below is the last device on the sounder circuit)



**Fig.2 - Typical connections for multiple BF320JP & BF320**  
(BF320JP shown below is the last device on the sounder circuit)



## Specification

<b>Description:</b>	BF320 BS 5443-3 Vibrating Pillow Pad		
<b>Standard:</b>	BS 5446-3:2015		
<b>Voltage Range:</b>	10V-30Vd.c.		
<b>Currents (when compressed under pillow / mattress):</b>	65mA @ 24Vd.c.		110mA @ 10Vd.c.
<b>Pulse Rate:</b>	Approx. 1.5 secs on, 2.4 secs off		
<b>Monitoring:</b>	Internal 6k8Ω for line monitoring		
<b>Compatible Panels:</b>	C-TEC fire alarm panels and C-TEC EVAC Alert System		
<b>Connections:</b>	2m lead with mini XLR connector to separately available BF320JP connector plate		
<b>Dimensions (mm):</b>	100 diameter x 32.2 deep	<b>Weight:</b>	162g
<b>Body Material / Colour:</b>	PC White RAL90003	<b>IP Rating (EN 60529):</b>	IP40 (indoor use only)
<b>Operating Temp.:</b>	-10°C to +55°C	<b>Humidity:</b>	Max. 95% RH



Manufacturer: Comptonics Limited (C-TEC), Challenge Way, Martland Park, Wigan, Lancashire WN5 0LD. [www.c-tec.com](http://www.c-tec.com)

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