

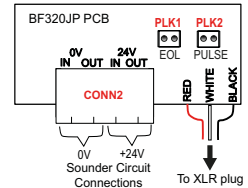
BF320JP XLR Connector Plate for use with BF320 Instructions

Product Description

The XLR Connector Plate, part no. BF320JP, allows the separately available BF320 Vibrating Pillow Pad to be connected to 24Vd.c. conventional fire alarm sounder circuits, 12Vd.c. systems, or C-TEC's EVAC Alert system. The BF320J is also compatible with other commonly available third-party vibrating pillow pads.

Refer to BF320JP PCB drawing shown right. PLK1 (link fitted) provides selectable line monitoring to the internal 6k8Ω EOL in the BF320 vibrating pad. PLK2 (link fitted) enables pulse mode at the BF320.

Note: If the BF320JP is used on C-TEC's EVAC Alert system, with mains powered CA737 controllers, PLK1 link is NOT FITTED and a 27kΩ EOL is FITTED across the BF320J 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)

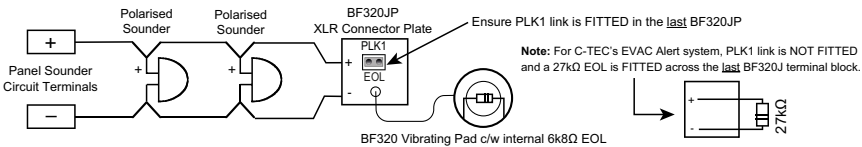
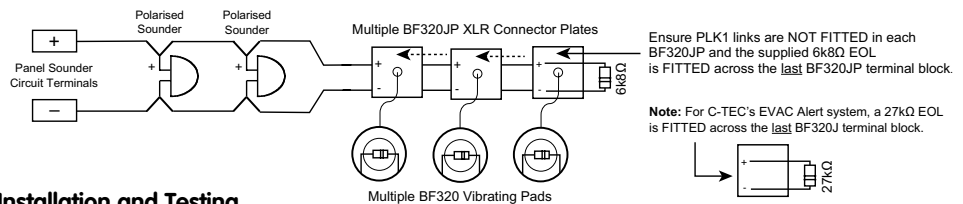


Fig.2 - Typical connections for multiple BF320JP & BF320 (BF320JP shown below is the last device on the sounder circuit)



Installation and Testing

This product must be installed and tested in accordance with applicable national, regional or local regulations. The BF320JP is designed for indoor use only and may be flush or surface mounted using a standard UK single-gang back box with a minimum depth of 25mm.

Specification

Description:	BF320JP XLR connector plate for use with BF320		
Voltage Range:	12V to 30Vd.c.		
Circuit Connections:	CONN2 terminals marked 24V and 0V; Maximum wire size 2.5mm ² .		
PCB Links (selectable):	PLK1 (link fitted) provides EOL monitoring to the BF320. PLK1 (link NOT fitted) provides EOL monitoring at the BF320JP terminal block. PLK2 (link fitted) enables pulse mode on the BF320.		
Compatible Panels:	C-TEC fire alarm panels and C-TEC EVAC Alert system		
Dimensions (mm):	86 (W) x 86 (H) x 15 (D)	Weight:	56g
Body Material / Colour:	PVC White RAL90003	IP Rating (EN 60529):	IP40 (indoor use only)
Operating Temp.:	-10°C to +55°C	Humidity:	Max. 95% RH



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

E&OE. No responsibility can be accepted by the manufacturer or distributors of these devices for any misinterpretation of this instruction, or for the compliance of the system as a whole. The manufacturers policy is one of continuous improvement and we reserve the right to make changes to product specifications at our discretion and without prior notice.

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