

Change a VIGIL2 amplifier

Product Range:	VIGIL2
Product Code (if applicable):	BV050Q / BV125D / BV225 / BV440
Description of activity:	Changing a VIGIL2 amplifier
Description of likely fault(s):	<ul style="list-style-type: none"> • Outputting a 'bleeding' noise due to being an old amplifier. • No output from amplifier.

IMPORTANT - this product forms part of a life-safety system

Please Note: Periodic inspection and servicing needs to be carried out by a competent person with specialist knowledge of VASs, relevant current training and experience, and with adequate access to spares and sufficient information regarding the system. (BS5839-8).

Description of rectification works:

TO CHANGE THE AMPLIFIER YOU MUST DISCONNECT THE VIGIL2 BVSMP CHARGER FIRST, THEN THE MAINS LEAD, TO AVOID SHORTING OR CREATING ANY SPARKS. WHEN POWERING BACK UP DO THE REVERSE. UNCONNECT THE MAINS LEAD FOLLOWED BY THE BATTERY LEAD.

1. Disconnect the BVSMP by taking the battery lead off first, then the mains lead and then the charger block and also remove earths (bottom to top).
2. Ensure the BVSMP is dead and then pull out the mainframe by removing the four M6 bolts and then remove the top panel by taking out four screws on either side. Now you should be able to pull out the amplifier (if it's too tight to remove, try loosening the screws on the bottom of the mainframe).
3. Remove all CAT 5 Leads, 100V Lines and earths ensuring you know the correct positions to put back. Recommend noting positions before disconnection.
4. Remove the amplifier and insert the new amplifier.
5. Reconnect the leads and earths in correct locations on the amplifier before powering the mainframe back on. Then connect the power to the BVSMP as shown above. Connect mains first followed by the battery connectors.
6. Screw the panel back together and slide the mainframe back into the rack and secure by screwing back the four M6 bolts.
7. The Green Power LED should be lit and the 10% LED should flash if monitoring is turned on.
8. If possible test the output of this amplifier by testing the corresponding zones this amplifier uses.

Author:	Oliver Smith	Doc Reference:	5.0009
Approved by:	Tom Holder, Steve Bladon	Edited by:	N/A
Release Date:	24/04/17	Updated:	21/01/22

For further help:

Manuals & Guides: Technical manuals, installation guides and more are available for download on our website: baldwinboxall.co.uk/downloads.

Telephone: Technical help line (0)1892 664422 (then press 3 for after sales technical help).

Training: We hold a range of courses. To find out more, or place a booking, please call us or visit our website: baldwinboxall.co.uk/training.



BALDWIN BOXALL
LEADING THE WAY TO SAFETY

Baldwin Boxall Communications Ltd
Wealden Industrial Estate, Farningham Road,
Crowborough, East Sussex, TN6 2JR, United Kingdom

T: +44 (0) 1892 664422
E: mail@baldwinboxall.co.uk
W: www.baldwinboxall.co.uk