

ALLEN&HEATH

Released Engineering Change Note

RECN 3583

Xone:92 / 92-R

004-543 FILTER1 V2 004-545 FILTER 2 V3
AG8626

Factory modification to prevent Filter instability on some units when hot due to transistor batch variances.

Modification should be implemented for the following PCBAs:
FILTER 2: [AG8626] - 004-544 PCB ASSY XONE:92 FILTER 2 V3
FILTER 1: [AG8626] - 004-543 PCB ASSY XONE:92 FILTER 1 V2
Serial number: X92/X 619578 - X92/X 619777

CHANGE value of Resistors: R74, R75, R76 from to 4K7 to 1K2

OLD	NEW
AC3062 - RES SMD 4K7 1% 0805	AC3059 - RES SMD 1K2 1% 0805

1. De-solder and remove three (3) of: 4K7 [AC3062] - RES SMD 4K7 1% 0805
2. FIT, three (3) of: 1K2 [AC3059] - RES SMD 1K2 1% 0805

Please refer to p2 for details of component placement and PCBA/schematic change

004-543 Filter 1 & 004-544 Filter 2 (AG8626_3)
schematic up-dated to Issue 3.1
R74,R75, & R76 values changed.

Schematic Diagrams available online: www.allen-heath.com/ahproducts/xone92/>TECH DOCS > SCEMATICS > AG8626_3.1

Implementation date: 03/06/16

Service & Repair:

Modification is advised for all units reported to exhibit symptom described in TB1604, or, at your discretion.

'Field' units using previous AG8626_2 (004-243 & 004-245) reported to exhibit symptoms described in TB1604 can be modified in line with above changes.

RECN is advisory.
RECN is not a recall.
RECN is at the discretion of the engineer.

Engineering Change Notifications are published internally as ECN.

Changes that may affect engineers outside of Allen & Heath are published as Released Engineering Change Notes. (RECN)

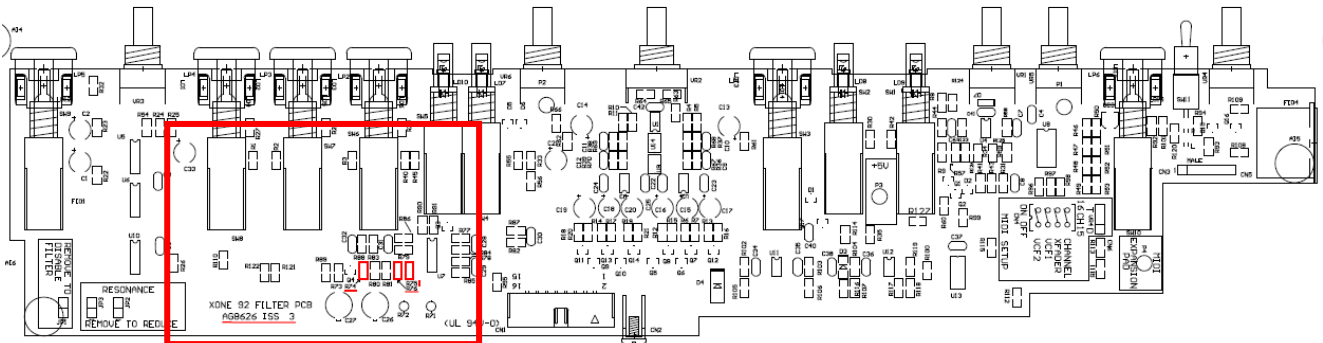
Copyright © 2016 Allen & Heath Limited. All rights reserved
Allen & Heath Limited, Kernick Industrial Estate, Penryn, Cornwall, TR10 9LU, UK
<http://www.allen-heath.com>

Modification implemented for PCBAs:

FILTER 2: [AG8626_3] - 004-544 PCB ASSY XONE:92 FILTER 2 V3

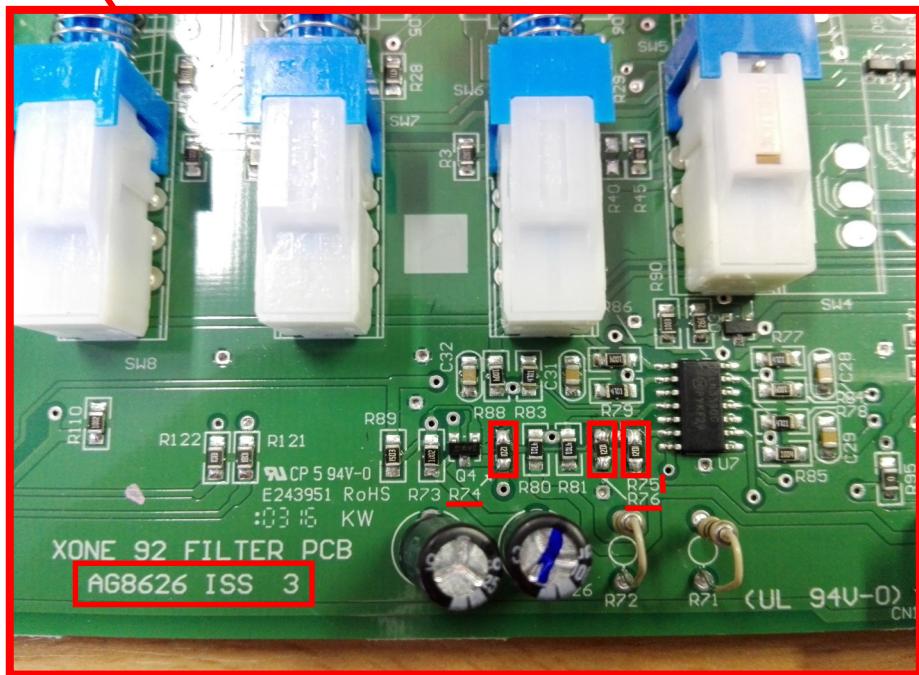
FILTER 1: [AG8626_3] - 004-543 PCB ASSY XONE:92 FILTER 1 V2

CHANGE value of Resistors: R74, R75, R76 from 4K7 to 1K2



AG8626_3 Xone 92 Filter PCB Overlay (PCBA 004-544 illustrated)

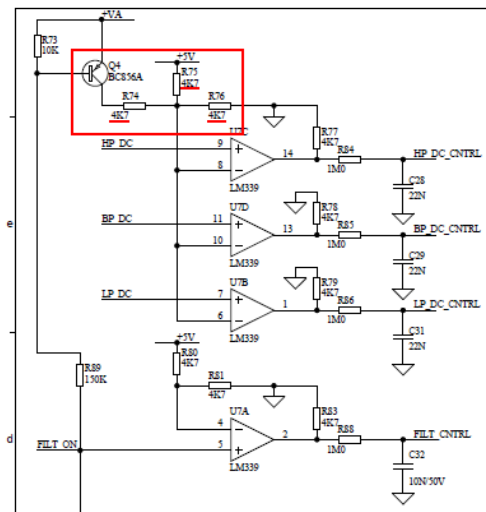
Change on PCBA



Section of AG8626_3 Xone 92 Filter PCB (PCBA 004-543 illustrated)

Change in circuit

Section from:
AG8626_3 Xone 92 Filter PCB
DRG No. C8626 issue:3
SHEET: 3 OF 4



http://www.allen-heath.com/media/AG8626_3-X92-Filter-Midi.pdf