

XTA Electronics Ltd.

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...fit the new AES card to Speaker Management Systems

Important: Check the issue of your hardware and software for compatibility!

Hardware

First, check your hardware issue: The diagram on the page 4 highlights the text in the right hand rear corner in red:

P0027_x

...where the 'x' is a single number, 3 or above. This number is the PCB (and hardware) issue number.

Hardware must be issue 5 or later, which corresponds to serial number 1008 and after.

Software

Earliest version supporting the AES/EBU hardware is:

Unit Type	Version	Website
XTA DP226	3.40	www.xta.co.uk
XTA DP224	2.40	www.xta.co.uk
Turbosound LMS-D6	1.80	www.turbosound.com
Celestion DMS 2065	1.80	www.celestion.com
Tannoy TDX2	1.80	www.tannoy.com
Martin DX1	1.80	www.martin-audio.com
BMS CODA DC26	1.80	www.codaaudio.com

If at all possible, update the unit to the latest version of software. Details of the latest available version is available from www.xta.co.uk for XTA's products, and from the respective manufacturers website for their products.

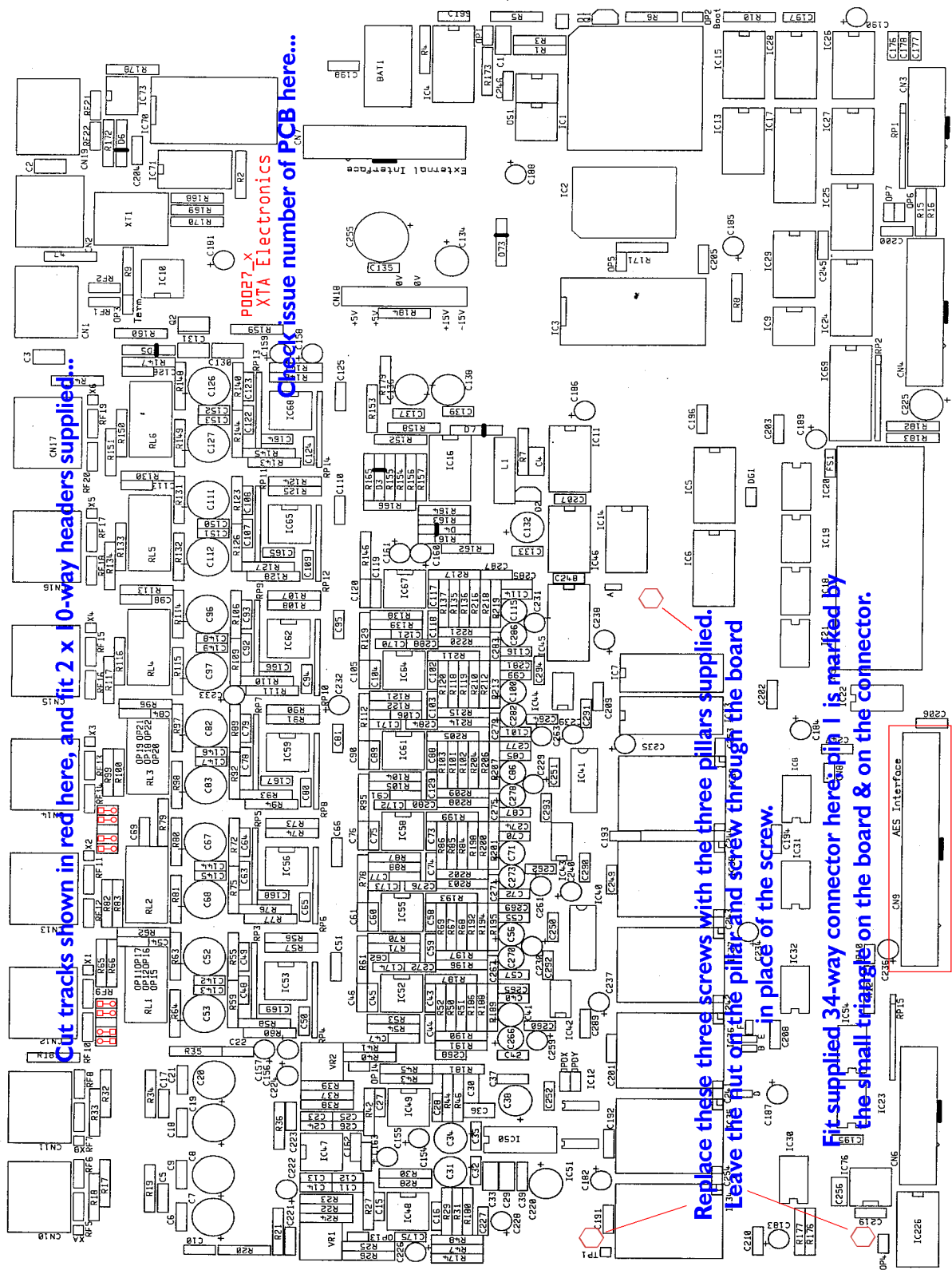
Fitting the board

1. Ensure that the unit is unplugged and that all of the memories are stored on a computer or PCMCIA card.
2. Remove the cover from the unit.

3. Remove the main PCB from the chassis noting that there are 9 screws holding the main board in and that the screws in the XLR also need to be removed. Note that one screw is hidden under the RS-232 card, which must be removed (two bolts on rear panel).
4. Cut the 8 tracks as shown on the diagram and add the 10-way connectors.
5. Add the 34 way connector ensuring that the slot goes to the front of the PCB.
6. Refit the PCB to the chassis and secure, ensuring that the 3 metal mounting pillars are added instead of the screws as shown. (The nuts fitted to the bottom of the pillars should be left in place to ensure that the pillars do not protrude from the bottom of the chassis).
7. Fit the AES/EBU card to the unit securing it to the metal pillars.
8. Refit the cover and switch the unit on. If everything is working correctly, the AES menu options should now be active.

N.B The AES input is on CHANNEL B.

Please see the user manual for full details concerning the configuration and use of the AES/EBU interface.



Cut tracks shown in red here, and fit 2 x 10-way headers supplied...

P0027-X
XTA Electronics
Check issue number of PCB here...

Replace these three screws with the three pillars supplied.
Leave the flat of the pillar and screw through the board in place of the screw.

Fit supplied 34-way connector here (pin 1 is marked by the small triangle on the board & on the connector).