

| Service Note | | |
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| Product | Description: | Service note no. |
| AIR | Replacing PSU module | 795 0501 04 |

Notes and precautions:

Replacement of an AIR speaker Power Supply Unit should only be carried out by skilled technicians.

The selftapping screws used can relatively easy be tightened too hard and can thus damage the aluminium angle on the PSU.

Do not stress the heatsinks (picture 1, item a and b) while mounting the new PSU

Parts list for replacement kit, TC order code: 795205011 AIR PSU module:

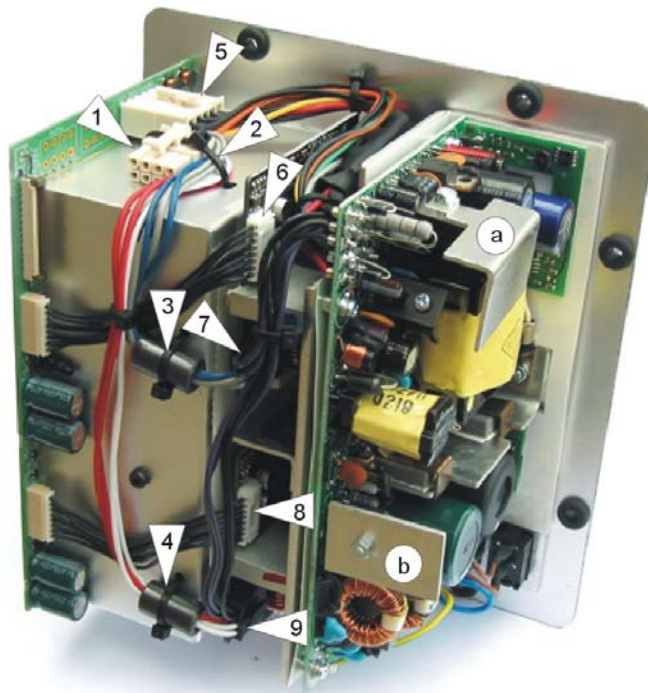
| TC Code | Description | Qty. | Notes |
|-----------|----------------------------------|------|--------------------------------|
| - | Power supply module | 1 | |
| 575024011 | 2.6x200mm Cable tie | 7 | |
| 562002040 | Screw M3x8mm Torx | 3 | |
| 562002032 | Screw M3x6mm Torx | 10 | |
| 562001055 | Screw M3x27,5mm Pan | 4 | for AIR-Base: Only 2 pcs. used |
| 565052130 | 3.0mm Starwasher type A, Steel Z | 13 | for AIR-Base: Only 6 pcs. used |
| 565013130 | 3mm Stamped steelwasher Z | 7 | for AIR-Base only |
| 795050104 | Service Note "AIR Replacing PSU" | 1 | |

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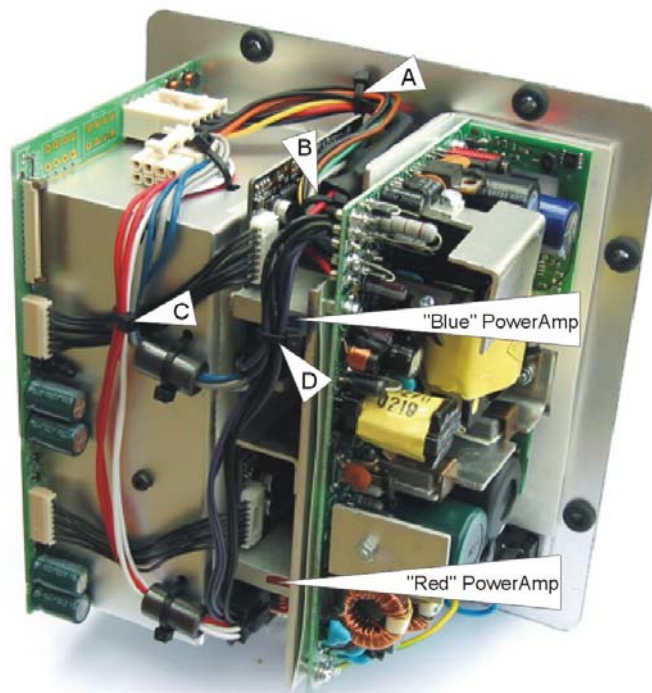
Procedure:

1. TURN OFF POWER AND DISCONNECT POWER CORD.
 2. Dismount the amplifier module carefully.
 3. Disconnect the white ribbon front cable.
 4. Unlatch and disconnect the eight-pole driver plug (picture 1, arrow#1).
 5. Cut the three cable ties and pull them out (picture 1, arrow#2 - #4).
 6. Unlatch and disconnect wires (picture 1, arrow#5 - #9).
 7. Dismount the heatsink (3 screws at the rear).
 8. Dismount the PSU / PowerAmp section (7 screws at the rear).
 9. Dismount the L-shaped aluminum shield and mount it on the new PSU using the 3 NEW selftapping M3x6mm screws (item no. 562002032) and washers (item no. 565052130).
 10. Dismount the PowerAmp module(s) AND mount it/them on the new PSU using the NEW selftapping screws (item no. 562001055) – No washers used.
Apply more heatsink compound if necessary.
- NB.** It is VERY important that the PowerAmp module(s) are mounted exactly as before. The Air6 / Air15 PowerAmp with the red mark is the lower (LF) module and MUST be mounted at the position as shown on picture 2
11. Fit the three cable ties in the aluminum shield (picture 1, arrow 2, 3 & 4)
 12. Mount the PSU / PowerAmp assembly on the rear panel using the 7 NEW selftapping M3x6mm screws (item no. 562002032).
Air 6/15: Use 7 star washers (item no. 565052130)
AirBase: Use 7 flat washers (item no. 565013130)
 13. Mount the heatsink (apply more heatsink compound if necessary) using the 3 new selftapping M3x8mm screws (item no. 562002040) and washers (item no. 565052130).
 14. Connect the wires for the mainboard and PowerAmp(s) as shown on picture 1, arrows 5 to 9. Make sure that they latch correctly.
 15. Position the ferrite beads as shown on picture 1, arrow 3 & 4.
Tighten the cable ties as hard as possible.
 16. Position the eight pole driver plug as shown on picture 1, arrow 2.
Tighten the cable tie.
 17. Position the remaining wires as on picture 2.
Mount cable ties as on picture 1, arrows A, B, C & D.
 18. Connect the white ribbon cable for the front board. Make sure that it is inserted properly and latched correctly.
 19. Connect the driver plug and mount the amplifier module in the cabinet.
 20. Power the speaker on and verify that it works properly.

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Picture 1



Picture 2