

Replacing Power Supply Unit on ENA2400-DC Amplifier

Item Number	Item Name	Description
1023912200	EPMA800DC	Exigo ENA2400-DC Amplifier Power Supply Unit

1 Accessing the Old Power Supply Unit

Before you start the procedure:

1. Switch off and disconnect the amplifier from the power mains
2. Remove all the connection cables from the amplifier
3. Remove the top panel by unscrewing the **8 Torx screws (6 on top, 2 at rear)** using a **T10 bit**



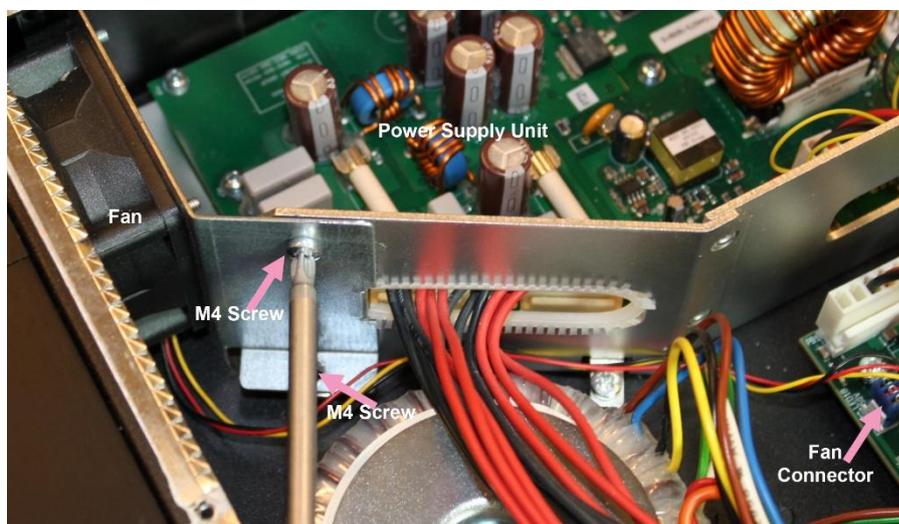
When the top panel is removed, you will see the Power Supply Unit (PSU) located at the side of the amplifier cabinet.

2 Demounting the Old Power Supply Unit

2.1 Removing the Fan

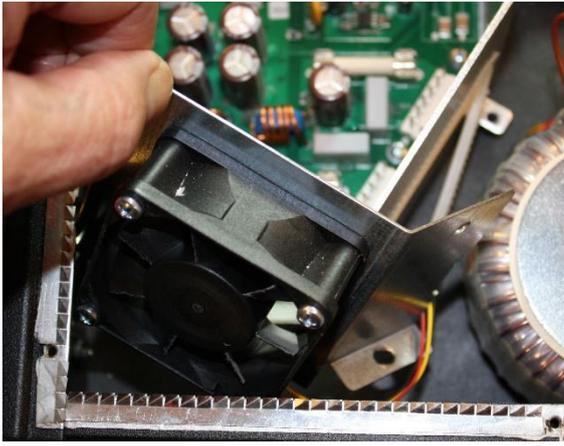
Before demounting the PSU, the fan attached to the unit has to be removed.

1. Unplug the **fan connector** from the main board



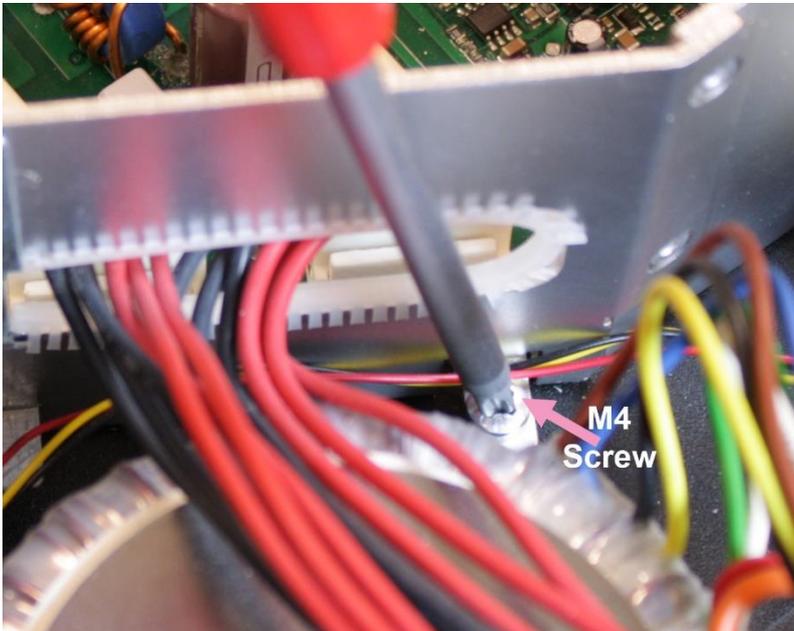
2. Use a **PZ2 bit** to **unscrew the side M4 screw and bottom M4 screw** on the flange of the fan

3. Tilt the fan up from under the cabinet flange and lift it out



2.2 Removing the PSU

1. Remove the **M4 screw** at the bottom

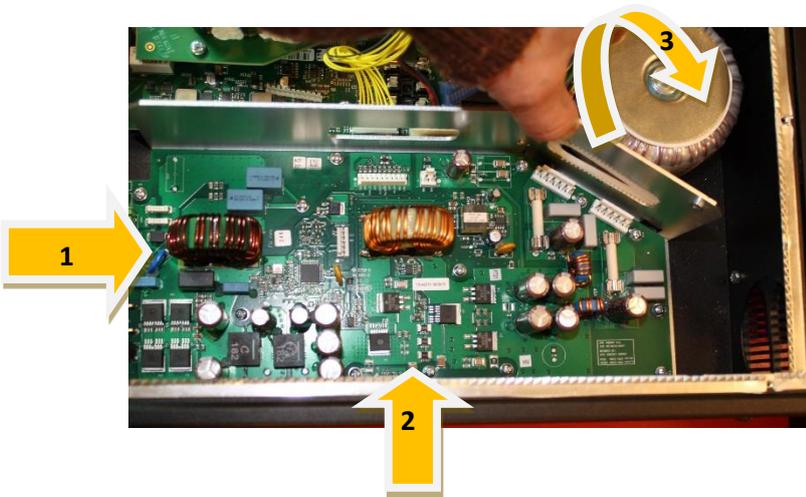


2. Unplug the following cables from the PSU (**Note the connector positions of the cables**)
 - 2x 6-pin red & black DC cables
 - 10-pin yellow signal cable
 - 2-pin red & black DC cable
3. Use a **hex key** to remove the **2 button-head M4 screws** from the back panel of the amplifier



Remove the PSU according to the following procedure:

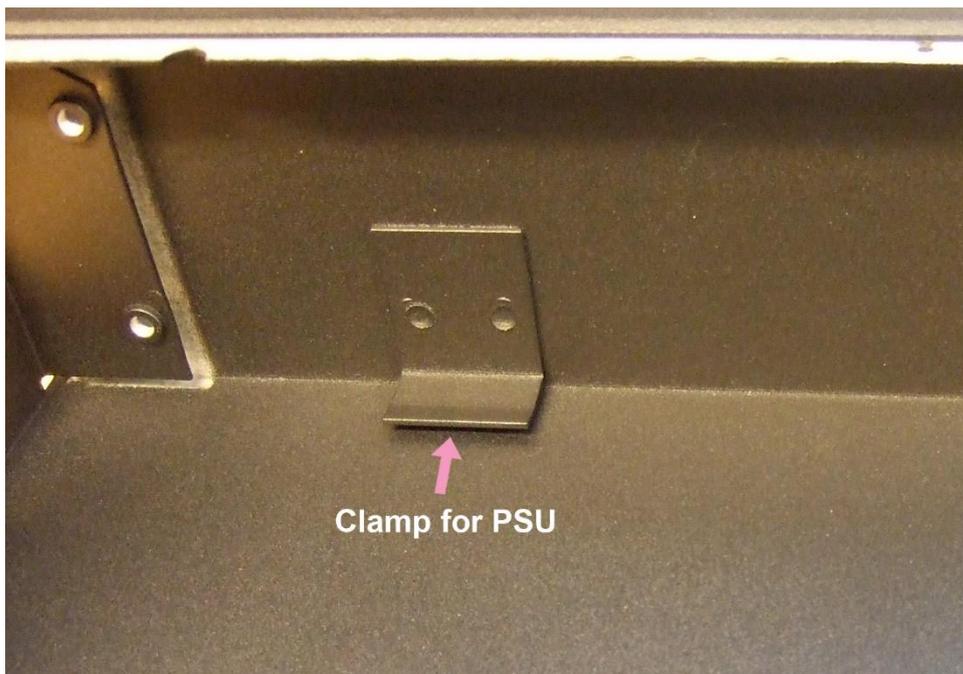
1. Press the PSU to the front of the cabinet
2. Press the PSU to the center of the cabinet to release it from the bottom clamp at the side-wall
3. Tilt the PSU and lift it out



3 Installing the New Power Supply Unit

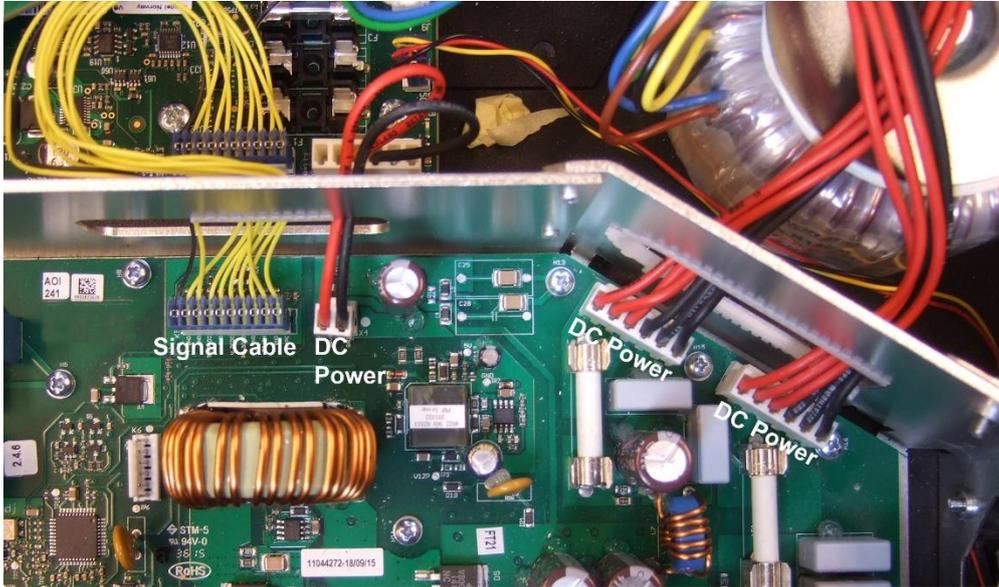
To install the new PSU:

1. Insert the PSU in an angled position
2. Slide the bottom-edge of the unit under the **clamp** at the side-wall of the cabinet



3. Press the PSU to the rear and slide the top edge under the rear cabinet flange
4. Use a **hex key to insert and fasten the 2 button-head M4 screws** at the back panel of the amplifier

5. Insert and fasten the **M4 screw at the bottom**
6. Plug the following **cables back into their original connector positions** on the PSU
 - 2x 6-pin red & black DC cables
 - 10-pin yellow signal cable
 - 2-pin red & black DC cable



7. Install the fan by using a PZ2 bit to insert and fasten the **side M4 screw and bottom M4 screw** on the flange of the fan
8. Plug the **fan connector** back into the main board
9. Put the top panel back in place and **fasten with the 8 Torx screws**

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