

XO[®] 4

RETROFIT OF SATELEC NEWTRON LED SCALER

YB-034
Version 1.00

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WARNING:

When making changes and handling electronics in the XO 4 Unit – always use ESD antistatic wristband (UC-600).



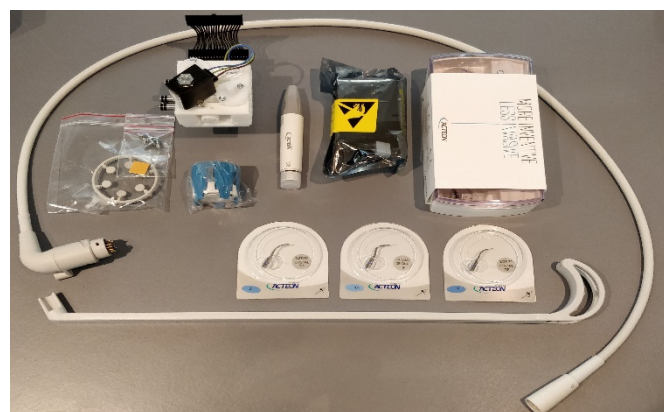
Tools:

Torx 10 and Torx 20 Screwdriver



The complete kit.

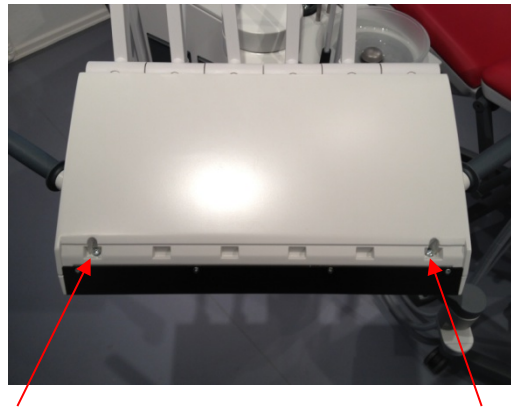
XO-160 Satelec Newtron LED



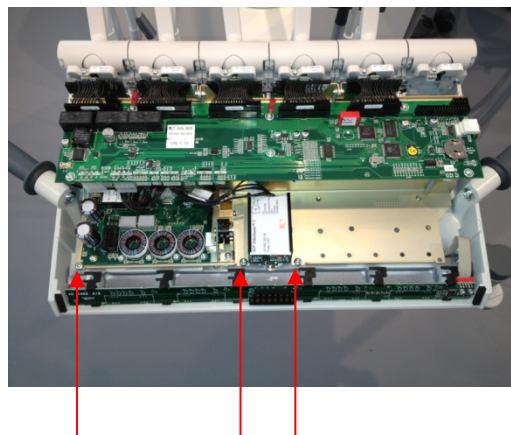
Remove the end caps from the instrument bridge.



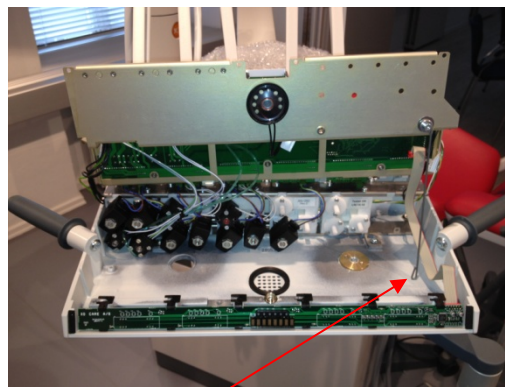
Loosen the two torx 20 screws in the instrument bridge top cover.



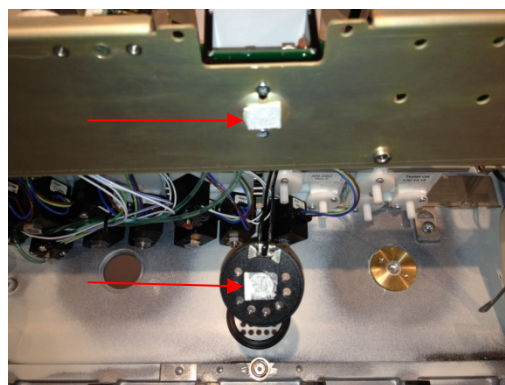
Loosen the 3 torx 20 screws in the electronic bridge rack.



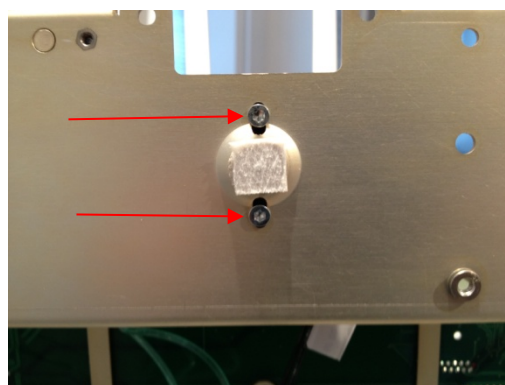
Open the electronic bridge rack. Put the bridge rack support in position.



Remove the loudspeaker. The loudspeaker is attached with adhesive foam.



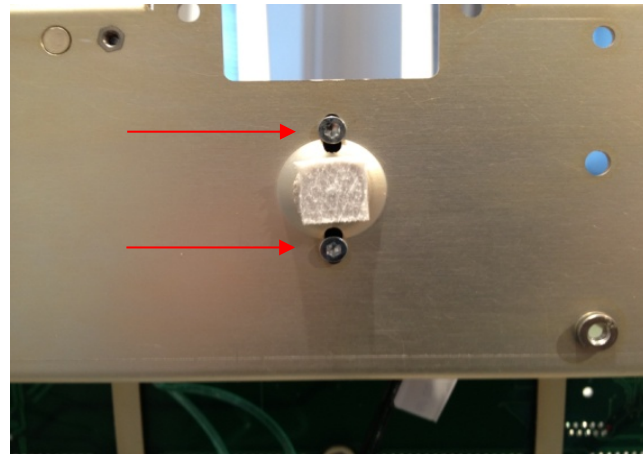
Remove the two torx 10 screws (if any).



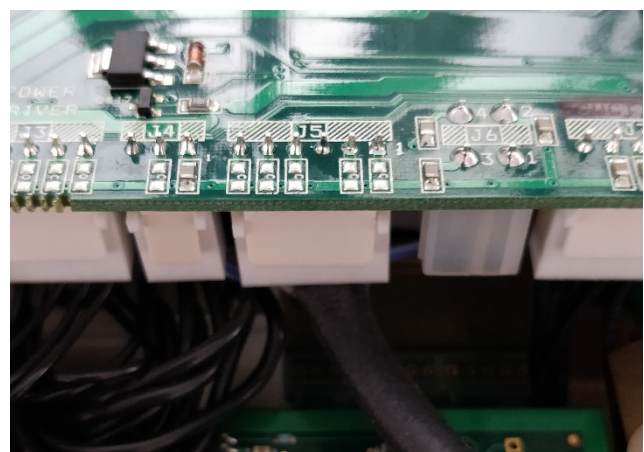
Remove the old scaler module (if any).



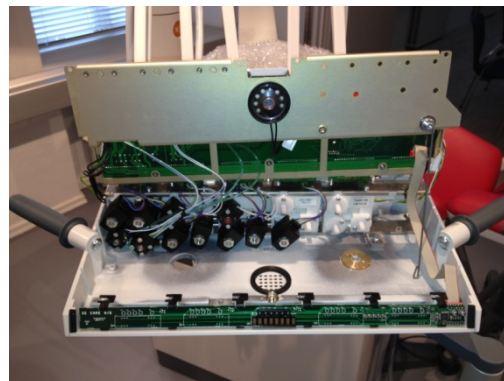
Install the Satelec scaler module with 2 torx 10 screws.



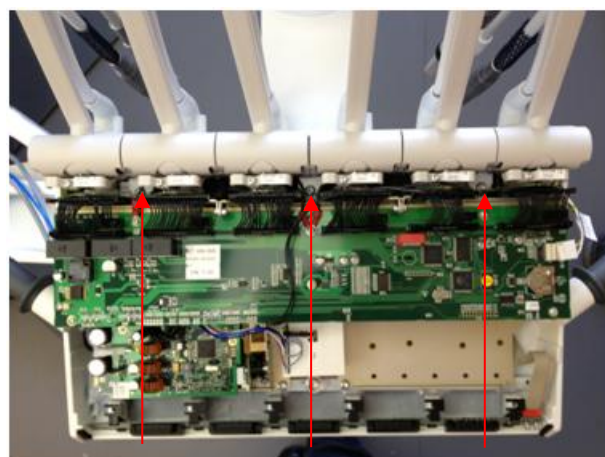
Connect the cable to plug J5 on the bridge PCB.



Install the loudspeaker with new adhesive foam.



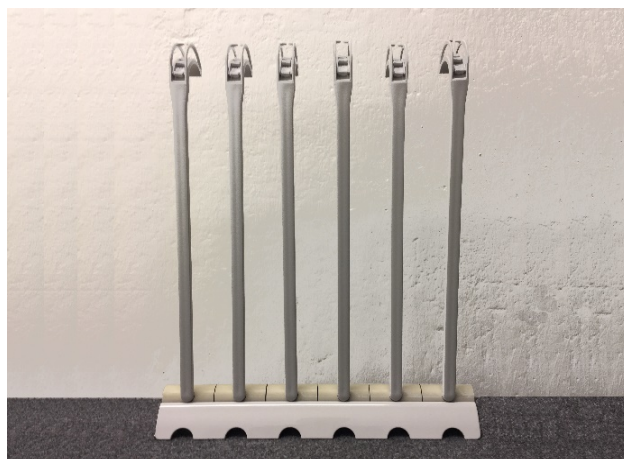
Loosen the three attachment screws on the suspension rack.



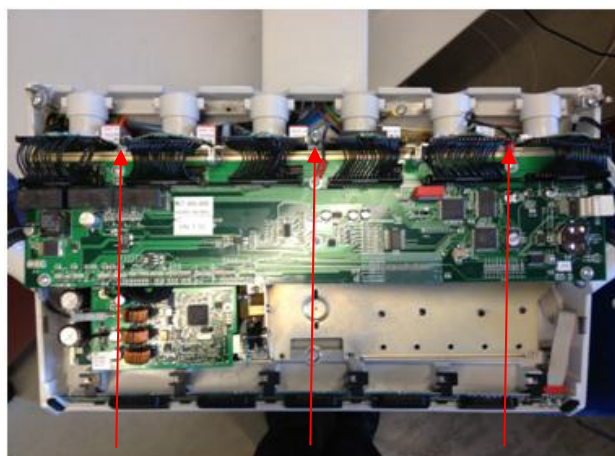
Make sure to remove the correct screws.



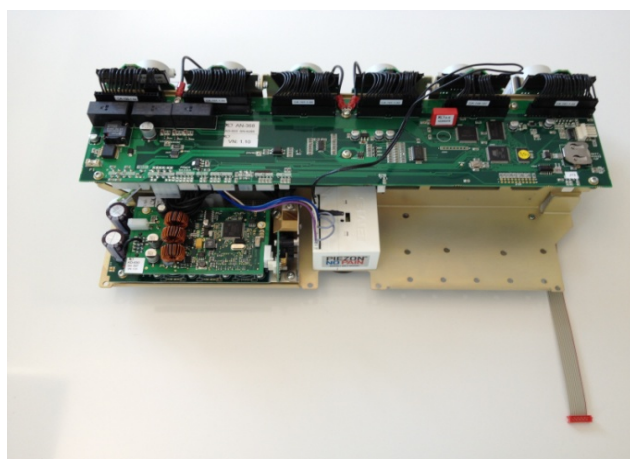
Remove the suspension rack



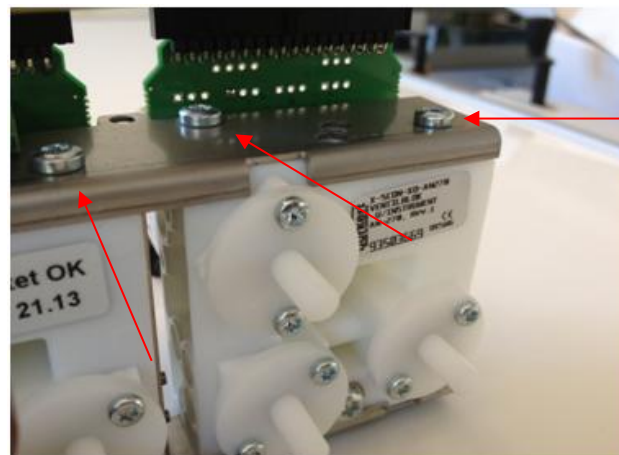
Loosen the three PCB rack attachment screws.



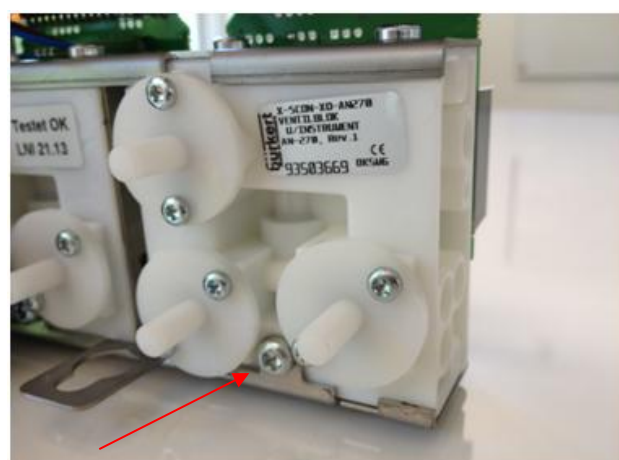
Disconnect all air, water and electric connections, and remove the PCB rack.



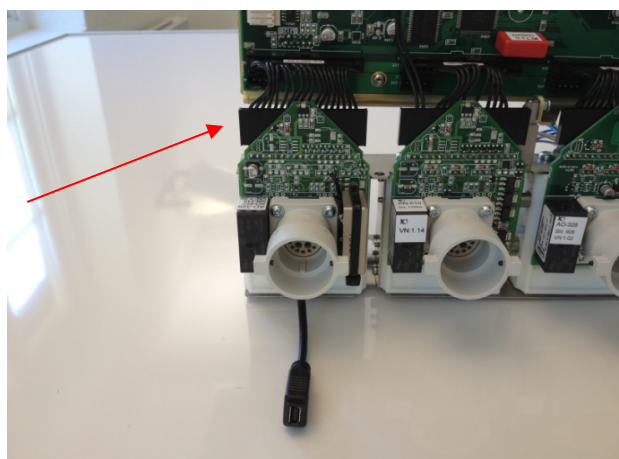
Remove as many of the upper attachment screws as needed on the right-hand side of the valve block rack, to get to the position you want to install the scaler block.



Remove the lower attachment bolts from the valve block rack.



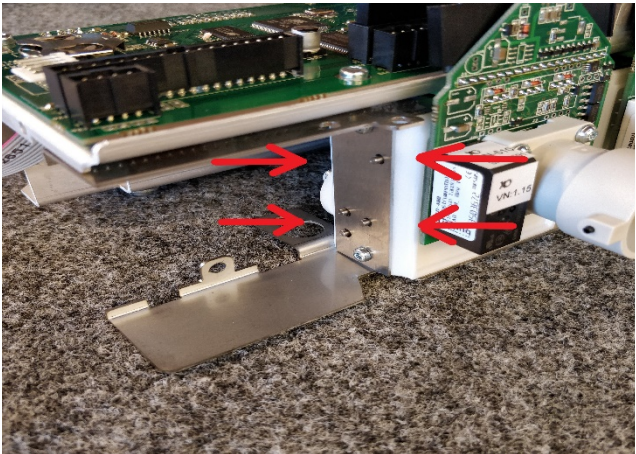
Disconnect cables CA-101.



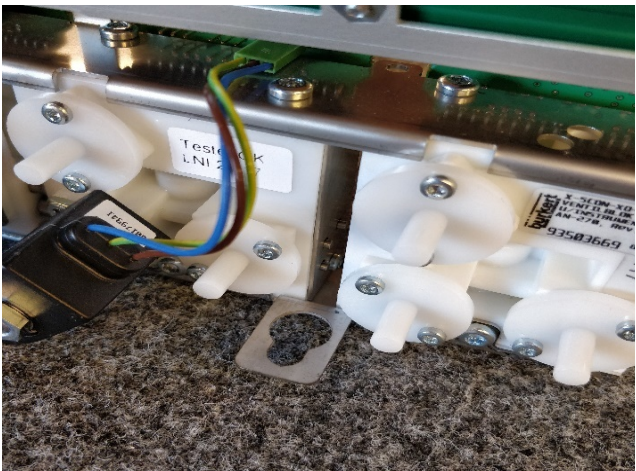
Remove the valve block from the position where you want to install the Satelec scaler, and install the supplied block.



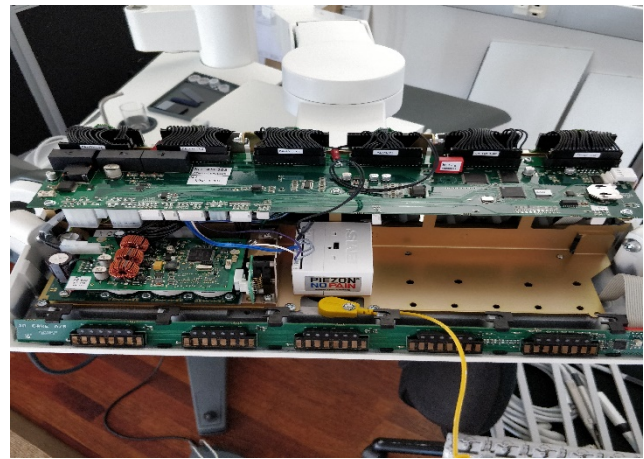
IMPORTANT: Make sure that the endcap is fitted on the last water-bearing suspension to prevent stagnant water.



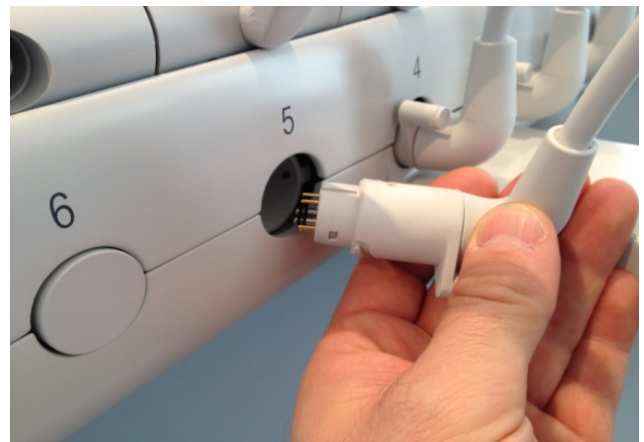
Re-assemble the block rack with the new block.



Re-assemble the complete PCB rack in the bridge, and connect all cables and hoses.



Install the Satelec scaler instrument cable in the connector in the back of the instrument bridge.



In the technician menu select:

“SUSP # = “SCALER“

“SPCB #” = “AD-605“

“SCALER T” = “SATELEC”

is the position where instrument is placed.

Check that all suspensions are working properly.