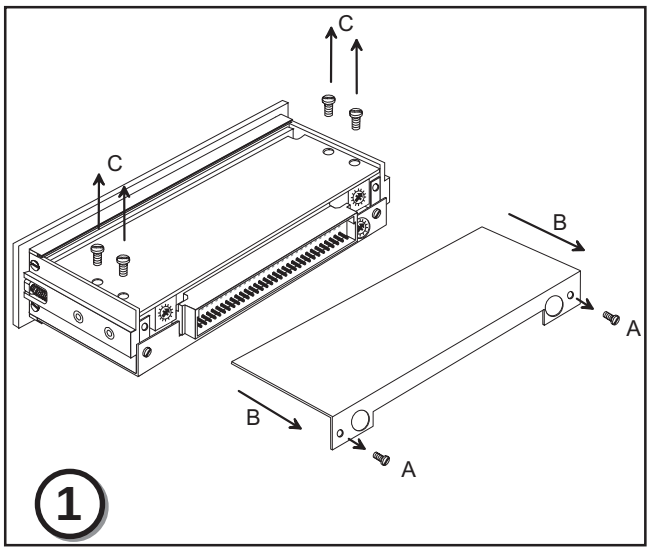
Service note for peakmeter 1052

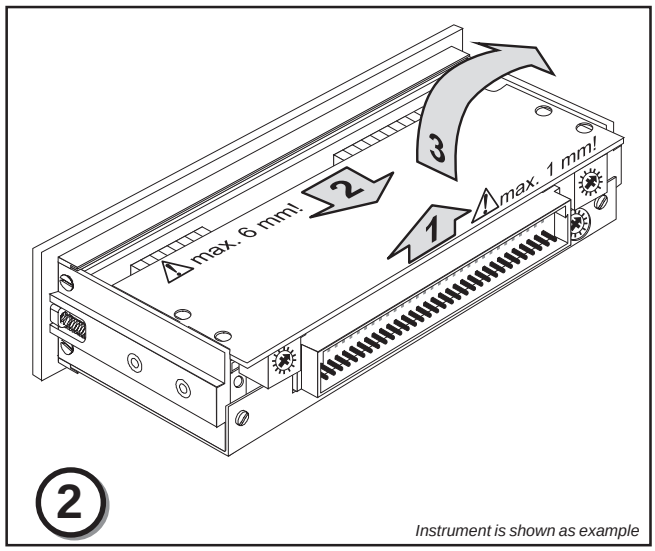
Software upgrade and scale exchange

Important Warnings: Service of electrical equipment should only be carried out by qualified persons. Please switch off power and disconnect all cables from the unit before performing this procedure.To protect the electronic components against electrostatic discharge from your body you should also always touch a piece of grounded metal (e. g. a heating pipe) before touching the unit.

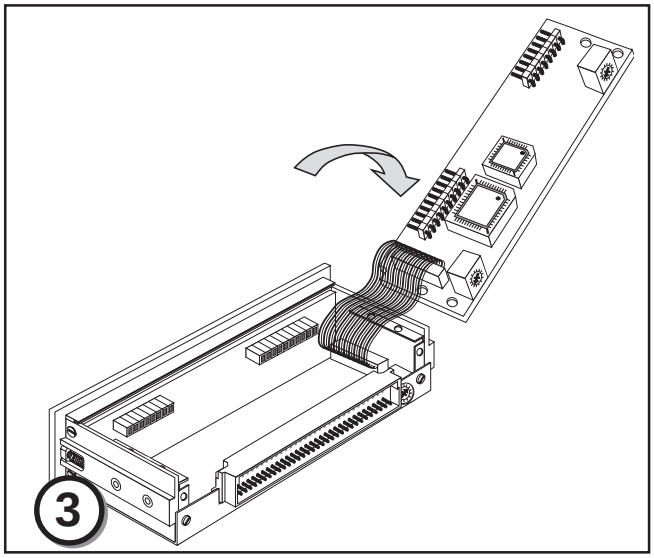
Required tools: Philips and standard screwdriver, PLCC extraction tool



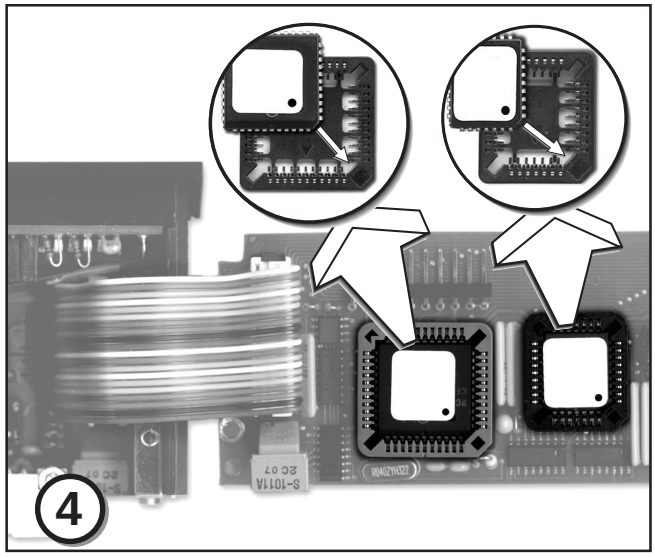
1. Release the screws marked ‘A’. Remove the upper side frame cover ‘B’.
2. Remove the screws marked ‘C’ from the upper pcb.



3. Disconnect the upper pcb from two edge connectors. Move the upper pcb carefully out of the frame by lifting it up (1) a few millimeters and bolting it a bit towards you (2).

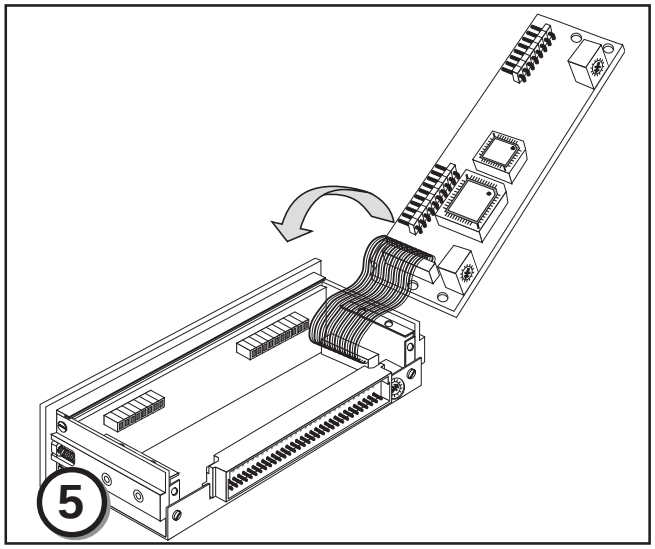


4. Turn the upper pcb sideways (3) and place it on the workbench. Be carefull not to damage the attached flat ribbon cable on the component side of the pcb.

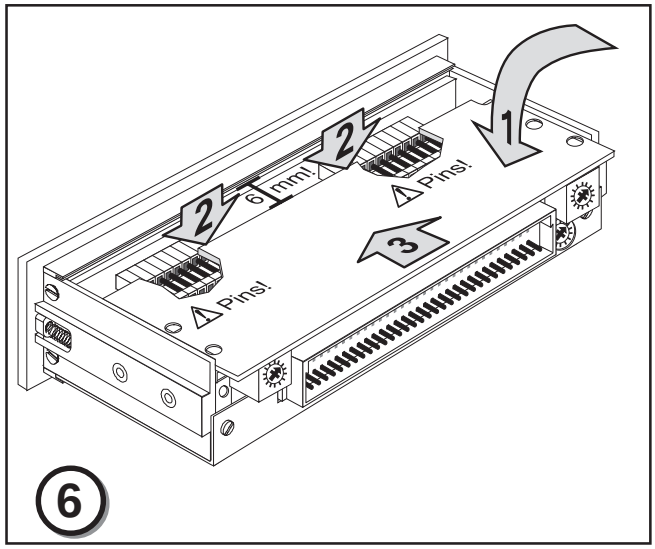


5. Pull out the micro controller and the EPROM by the use of an appropriate PLCC extraction tool. Replace the controller and EPROM by the new delivered versions. Please verify for correct mounting direction of the controller and EPROM. Take care not to damage the PLCC-sockets.
6. IC´s are disposable.

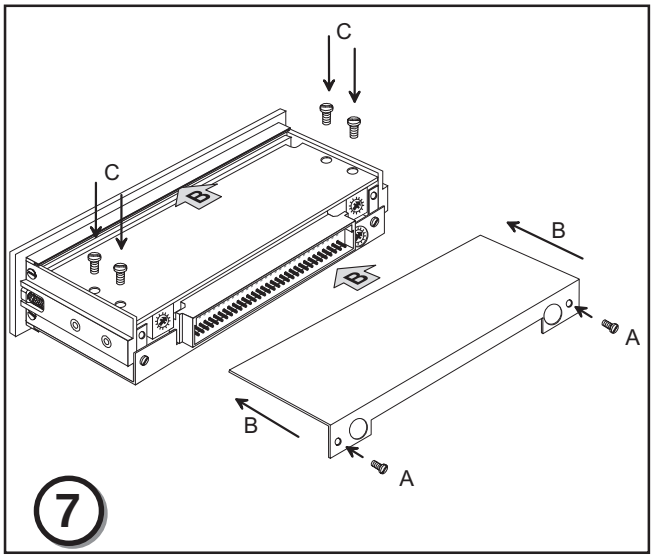
RTW RADIO-TECHNISCHE WERKSTÄTTEN GmbH & Co. KG
Elbeallee 19 • 50765 Köln • Germany
Telefon: +49-2 21 - 7 09 13-33 • FAX: +49-2 21 - 7 09 13-32
Internet: www.rtw.de • E-Mail: rtw@rtw.de



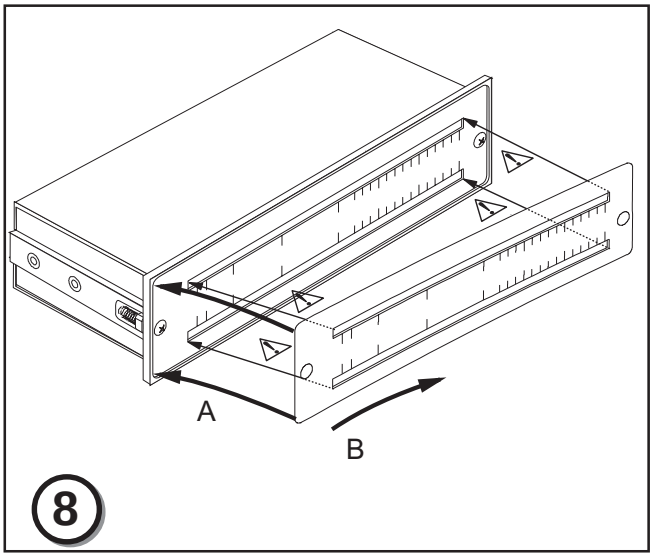
7. Place the upper pcb back into the unit. Be carefull not to damage the attached flat ribbon cable.



8. Place the upper pcb with its edge connectors (2) to fit with their corresponding sockets on the main pcb and push the upper pcb carefully into the unit (3).



9. Fix the upper pcb with the screws marked ‘C’.
10. Put the upper side cover back ‘B’ on and fix it with the screws marked ‘A’.



11. Place the peakmeter with the frontscale facing you.
12. Remove the safety folio from the new scale.
13. Place the new scale precisely and centered on the existing scale and fix it.

Please note: It is possible to remove the horizontal scale before sticking the new scale on the instrument. We do not recommend this.

Do not try to remove the vertical scale as this would result in damage of the scale carrier.

RTW RADIO-TECHNISCHE WERKSTÄTTEN GmbH & Co. KG
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Internet: www.rtw.de • E-Mail: rtw@rtw.de