Version 3.0/4.0 Software Upgrade

SurroundMonitor 10800

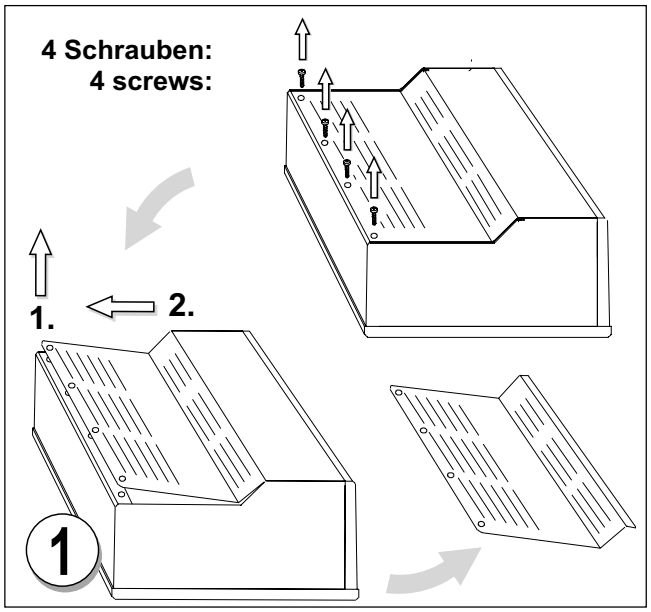
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How to Replace the EPROM

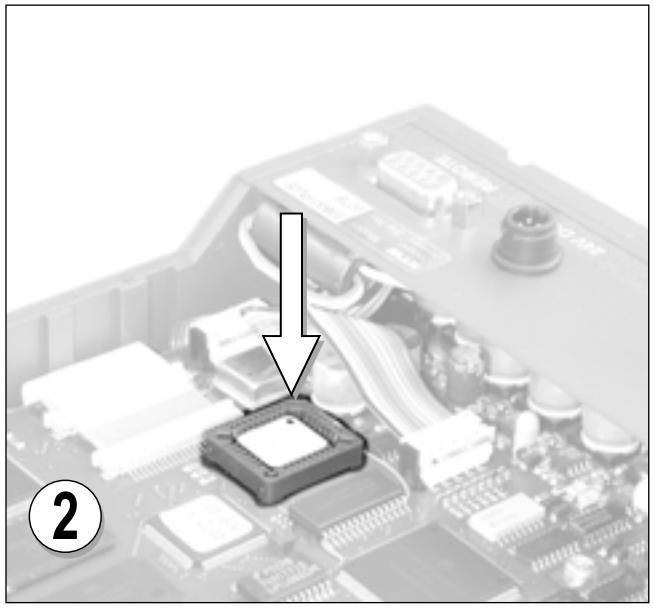
The User Presets U1 - U8 will be replaced by the factory presets F1 - F8!

Important Warnings: Please disconnect the power and 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 new EPROM or opening the unit's housing. Please only use an IC extraction tool for replacing the EPROM!

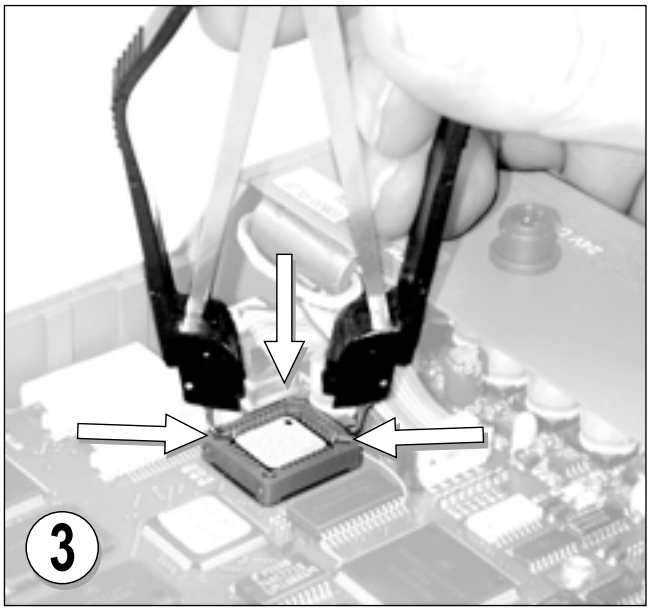
Required Tools: IC extraction tool, Phillips screwdriver (size 0)



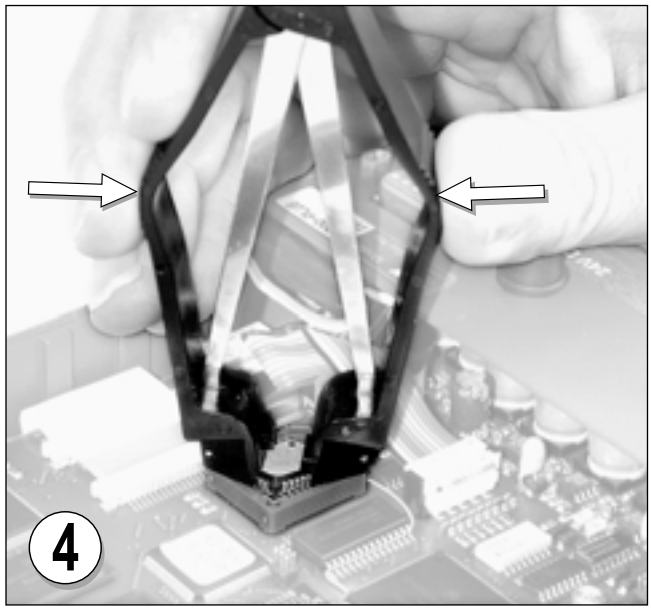
Disconnect all the SurroundMonitor's connection cables. Turn the unit over with the display facing down, placing a cloth or other soft material on the working surface to protect the display. Remove the four retaining screws with the Phillips screwdriver, then remove the rear panel as shown.



The location of the EPROM that needs to be replaced is shown in the illustration. Please only use an IC extraction tool to remove the EPROM!

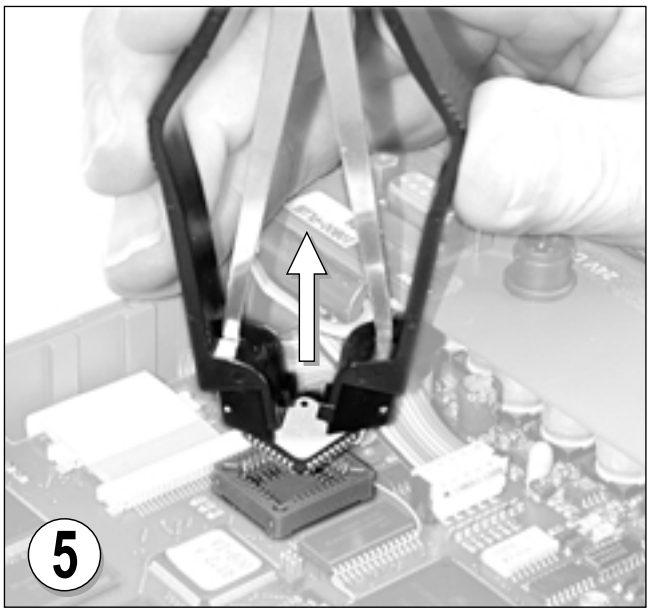


Insert the two claws of the IC extraction tool **vertically** into the two slits in the opposite corners of the IC socket (indicated by the arrows).

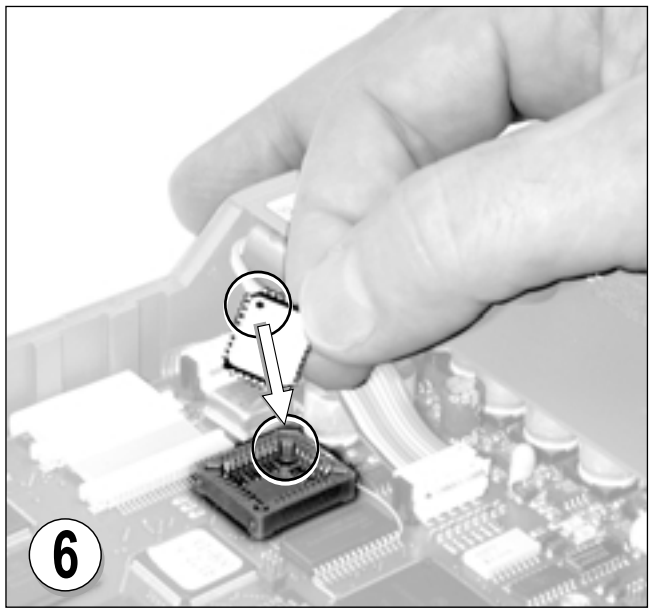


Carefully press the plastic arms of the IC extraction tool together (as shown). This lifts the EPROM up, releasing it from the socket.

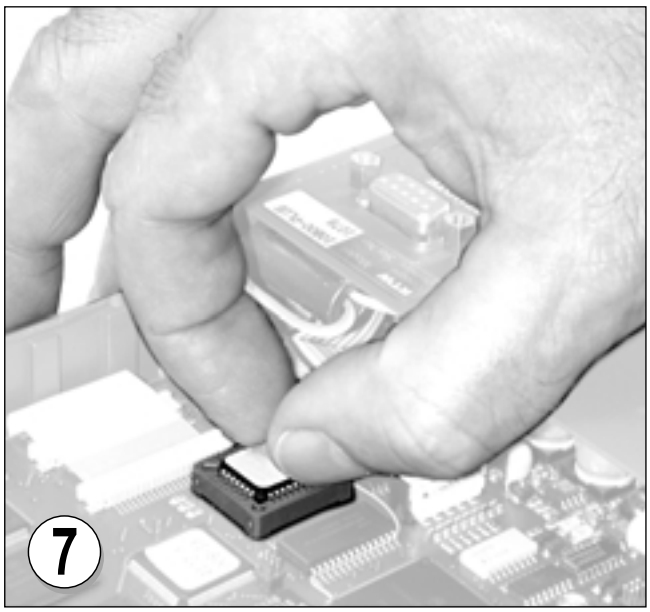
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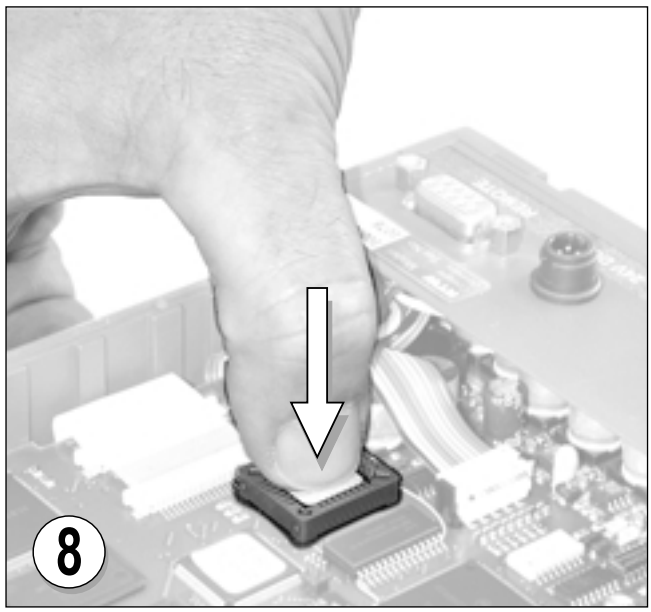
Maintain the pressure on the plastic arms and carefully lift **vertically** to remove the EPROM entirely from its socket.



Take the new EPROM and **check the correct orientation very carefully before inserting!** The EPROM must be positioned so that the corner marked with the **dot** is in the **bevelled** corner of the socket (see circles and arrow).



Position the EPROM as shown, **with the dot lined up with the bevelled corner** of the socket. Check that the EPROM is straight and that all its contacts are touching the corresponding contacts in the socket.



Place your thumb in the **centre** of the EPROM and push it gently into the socket until it clicks into position, taking great care to keep it straight so that it does not jam.

9 Replace the rear cover and fasten it into position carefully with the four screws (see Fig. 1, same procedure in reverse order).

Only for units with version 2.0 software: It is necessary to apply a new label sheet on top of the labelling of the keyboard on your unit. In this case the adhesive keyboard label is included in the package.

10 Reconnect the power supply. The unit will automatically reinitialise, indicated by the message “Initializing” in the right-hand display. During this procedure, **which can take around 60 seconds**, **the unit overwrites the old settings with the new ones!** As soon as the message disappears the SurroundMonitor is ready for use.

The features of the new software are described in the accompanying information material.

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