Software Update SurroundMonitor 10900

The cross references point the attention to topics of the operating manual!

General

With the SurroundMonitor 10900 it is possible to update the operating system and the application by the use of a standard web-browser. It is also possible to import or export user preset data. The required software is available from RTW by request.

Please note:
Basically any software update will delete and replace the user and factory presets by the initial presets predefined from RTW. **Please make a note of all user specific settings you have made to be able to reprogram them after the software update of the SurroundMonitor 10900.**

Prepare for the software update as follows:

1. Copy all files that you have received into a folder (i. e. C:\10900_update) on your PC that is assigned to be used for the update sequence.

See Chapter 2.3.3 and Figs. 2-1 and 2-2 of the operating manual



2. Connect the SurroundMonitor 10900 by the use of a standard cat-5 LAN network cable with RJ-45 connectors to your network environment.



If you decide to update the software not through the network but by the use of a directly connected PC to the SurroundMonitor 10900, a cat-5 crossover cable with RJ-45 connectors must be used. Internet browser software must also be installed and ready to use on the PC.

3. Run the internet browser software and make sure that all necessary settings required for your networking setup are made.



If you decide to update the software not through the network but by the use of a directly connected PC to the SurroundMonitor 10900, it is necessary to define the connection settings of your internet browser for not using a proxy server and not using scripts.

- Settings for the Microsoft Internet explorer have to be made in the menu:
  Extras/Internet options/Connections/LAN settings/Presets
- Settings for Netscape navigator (mozilla) have to be made in the menu:
  Edit/Presets/Advanced/Proxy

IP-Adress:
→ MENU → Communication
see Chapter 4.10 of the operating manual

4. Look up the IP address of the SurroundMonitor 10900 you like to update. This information can be found in the menu on the communications page (also see 4.10).

5. Close the menu mode of the SurroundMonitor 10900 by the use of the Abort function.

5.2 Proceeding a Software Update

Version number:
→ MENU → General Settings
see Chapter 4.5

A complete software update requires **four** files to be replaced in the SurroundMonitor 10900. **All four files must be used in the following order.** Also the use of mixed version codes is not permitted. Malfunctioning of the SurroundMonitor 10900 may result. (xxxxxx represents the current software version code - also see 4.5 for details)

- „p10900_xxxxxx_**BSYS**“
- „p10900_xxxxxx_**FSYS**“
- „p10900_xxxxxx_**RDIS**“
- „p10900_xxxxxx_**CONF**“

After you have downloaded the first **three** files, the SurroundMonitor 10900 must be restarted.

The following figures show the software update sequence in more detail. For the following example sequence we assume that the IP address of your SurroundMonitor 10900 is 192.168.103.202.

1. Start your internet browser and enter http://192.168.103.202 in the address field (see Fig. 5-1) followed by the hit of the return (Enter) key.

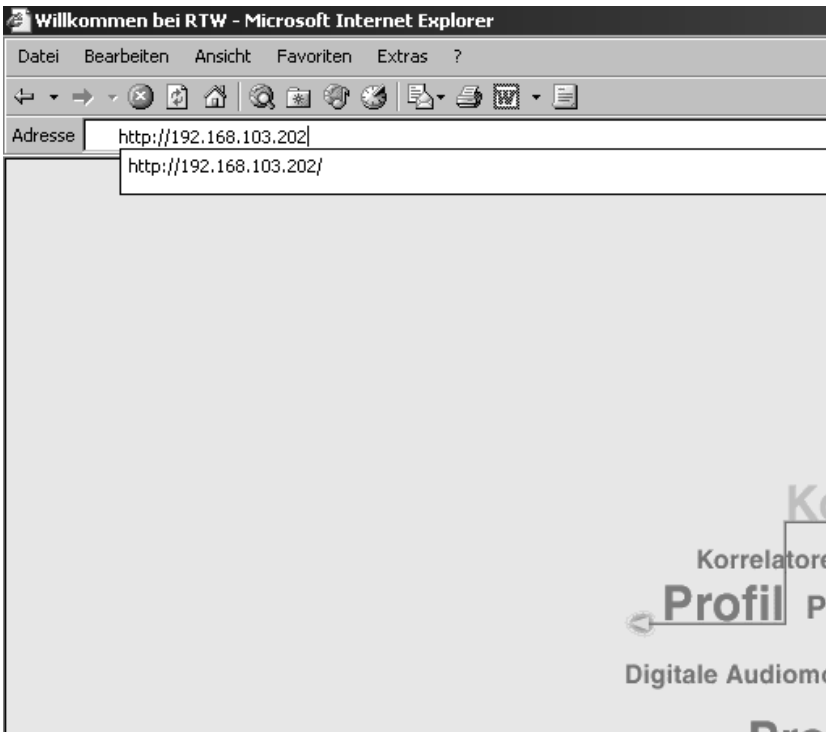


Fig. 5-1: Entering the IP-Adress

2. The SurroundMonitor 10900 should respond with a screen like the one shown in Fig. 5-2.
   (Please note that very early units may not respond with this screen but with a some more cryptical display. This does not prevent the software update. Just follow the given instructions.)

   Choose Software update.

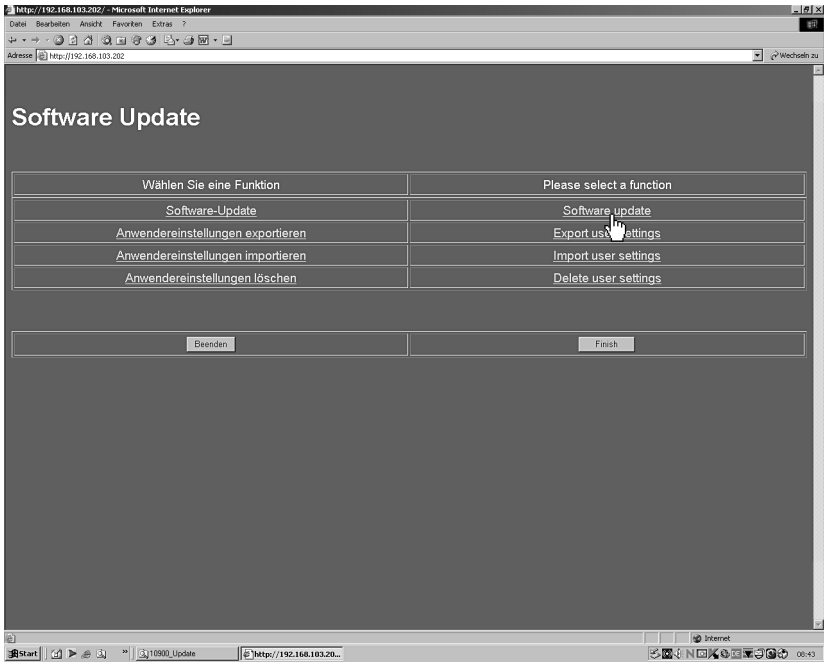


Fig. 5-2: Software Update Program menu in web browser

3. Select “Durchsuchen”

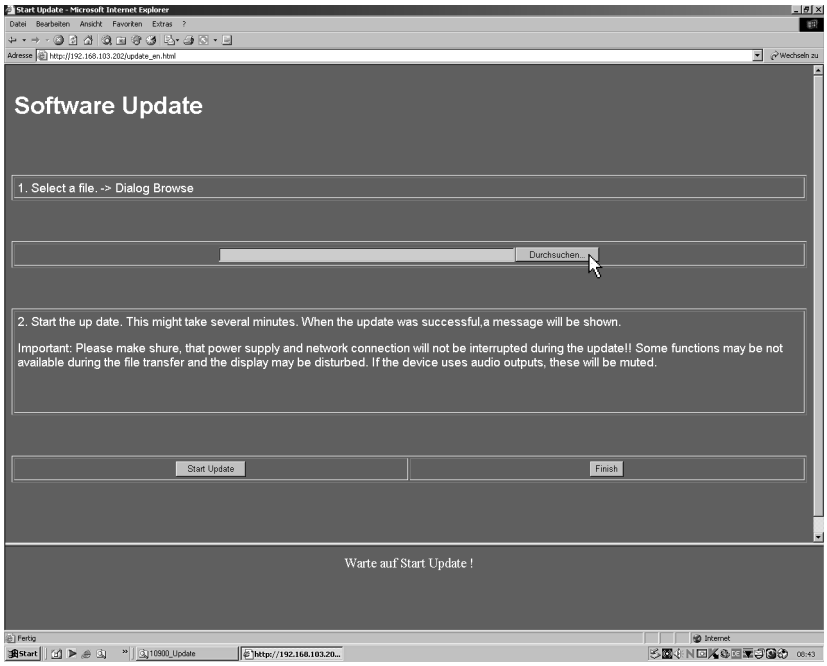


Fig. 5-3: Display of the Software Update side („Durchsuchen“)

Version number:
→ MENU → General Settings
see Chapter 4.5

4. Use the displayed dialog to select the directory path where you have stored the **four** update files. Select the file **p10900_xxxxxx_BSYS** first (xxxxxx represents the current software version code - also see 4.5 for details).

Please note:
The use of mixed version codes is not permitted. Malfunctioning of the Surround Control 10900 may result.

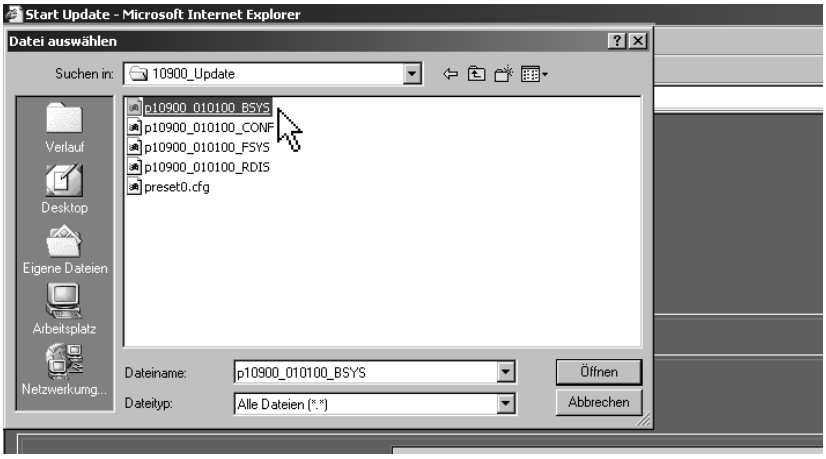


Fig. 5-4: The update file selection dialog box

5. Press Start update to start the update process. **Please make sure that no interruption of the network access or supply power occur during the download sequence.**

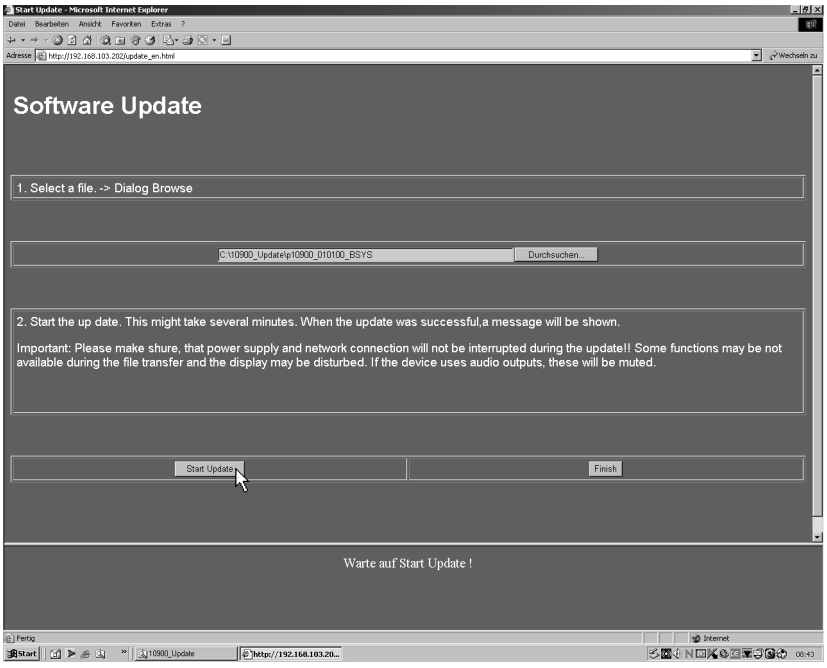


Fig. 5-5: Starting the update process with the selected update file

6. A bar on the lower end of the update window on the PC reads the data transfer progress.

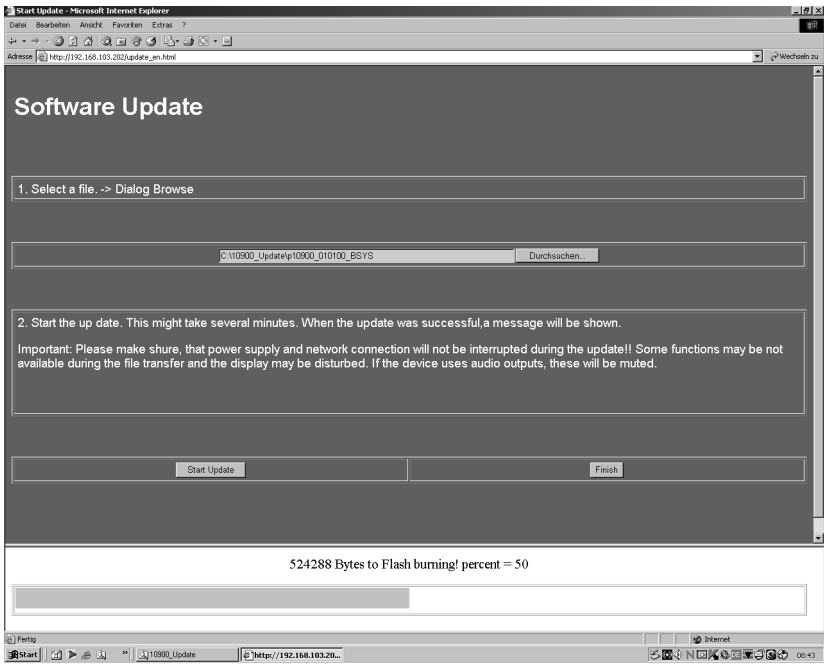


Fig. 5-6: Progress of the data transfer of the selected update file

7. The download is finished when the message Please make power off is displayed.
   It is not necessary to switch the SurroundMonitor 10900 off and on again. However it can be done.

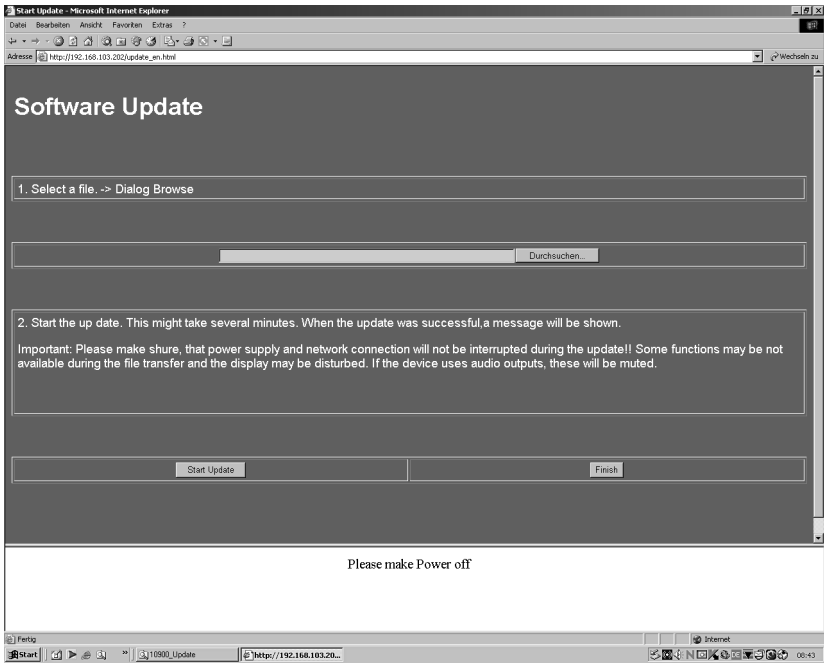


Fig. 5-7: End of the data transfer of the selected file

8. Use the displayed dialog to select the **second** of the four update files. Select the file **p10900_xxxxxx_FSYS**. Repeat steps 4 to 8.

9. Use the displayed dialog to select the **third** of the four update files. Select the file **p10900_xxxxxx_RDIS**. Repeat steps 4 to 8.

Restart after the **third** file has processed!



10. **Now** its time to **restart** the SurroundMonitor 10900. Please wait approx. 5 sec. after shut down of the unit before you power it up again.

11. After the SurroundMonitor 10900 has rebooted re-establish the connection between your web browser and the SurroundMonitor 10900 as described with steps 1 to 3.

12. Use the displayed dialog to select the **fourth** of the four update files. Select the file **p10900_xxxxxx_CONF**. Repeat steps 4 to 8.

13. If the download of the p10900_xxxxxx_CONF file is completed you must **reboot** the SurroundMonitor 10900 again. Please wait approx. 5 sec. after shut down of the unit before you power it up again.

Version number:
→ MENU → General Settings
see Chapter 4.5 of the operating manual

14. After the SurroundMonitor 10900 has rebooted its ready to use with the new software version. You will find the current used version code of the application in the About-info frame of the General settings menu.

15. Shut down the software update page using the Finish button (see Fig. 5-6).

16. Then shut down the software update program using using the Finish button on the start page (see Fig. 5-2).

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Note:
The graphics in this description are provided to illustrate the procedure of the software update of the instrument. Ongoing product development may result in minor design changes, so that your version of the instrument and of its software may look slightly different from the illustrations.