

Maxxyz Compact™ Retrofit Kit Installation Guide

Introduction

The new M-Series™ software and the Windows 7 Embedded OS require that the Maxxyz Compact™ and Cerebrum™ modules are upgraded to 2 GB RAM. This Retrofit Kit contains all the items necessary to carry out the upgrade. The package also contains an SSD hard drive to speed up booting and to improve vibration resistance.

Included items

The Retrofit Kit contains the following items:

- SSD drive
- 2 RAM modules of 1 GB
- SATA cable
- Win 7 embedded license sticker
- Software installation DVD
- 2 cable ties



Anti-Static Precautions

Important! Static electricity can destroy electronic components. Follow these ESD precautions to prevent damage to the product and injury to the user.

Carry out the upgrade at an anti-static workstation.

Wear a grounded anti-static wristband.


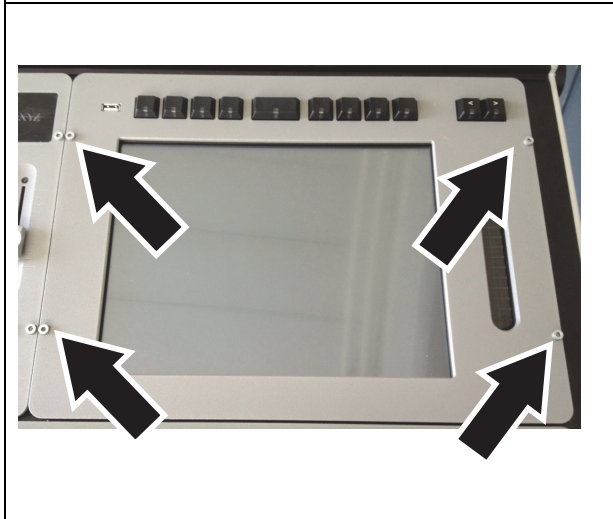
Touch a grounded conductor every few minutes to discharge any static buildup.

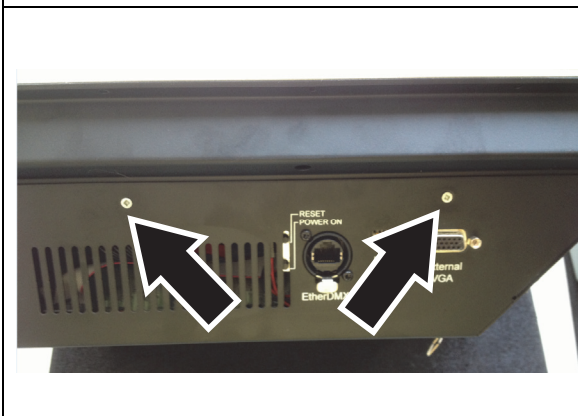
Hold components by their edges only. Do not touch the surfaces or any of the contacts of the PCBs, memory modules and SSD-drive.



Hardware upgrade procedure

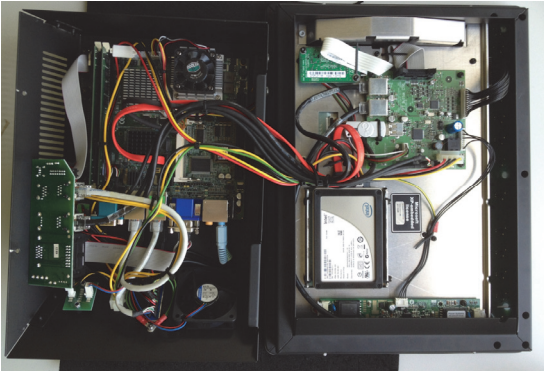
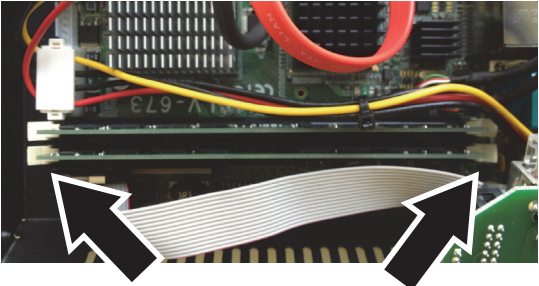

Important! Make a backup copy of all your show data before you begin this procedure, because all your show data will be removed when you remove the hard disk from the Maxxyz Compact.

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|  | <ol style="list-style-type: none">1. Disconnect power and all data connections from the Maxxyz Compact and Cerebrum module. |
|  | <ol style="list-style-type: none">2. Unscrew the 4 screws that hold the Cerebrum in the frame. Use Allen key N° 6 (3 mm). |



3. Place the Cerebrum module gently on top of the Programmer module, then disconnect the Power and Centronics Data cable from the Cerebrum Module.

4. Put the Cerebrum module on a flat surface and use a Phillips driver to unscrew the 2 screws arrowed.

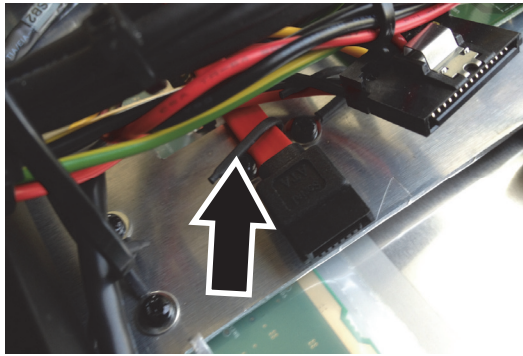
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|  | <p>5. Gently open the Cerebrum module and place the 2 halves next to each other.</p> |
|  | <p>6. Locate the 2 memory modules on the mainboard and unplug them by pushing down on their clips (arrowed).</p> |
|  | <p>7. Push the new memory modules into the slots until the clips snap into the modules. Check that they are aligned correctly.</p> |



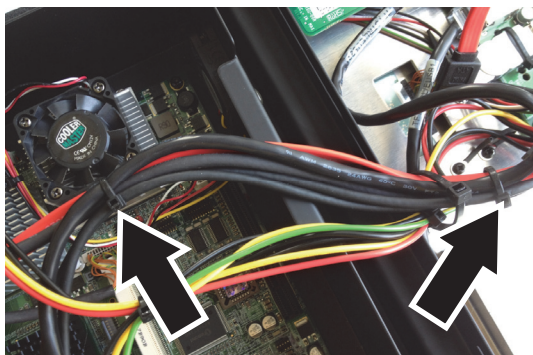
8. Unscrew both hard disk screws (arrowed) using a Torx T-10 driver and gently lift and pull out the hard disk. Disconnect the SATA cable and DC power cable from the hard disk.



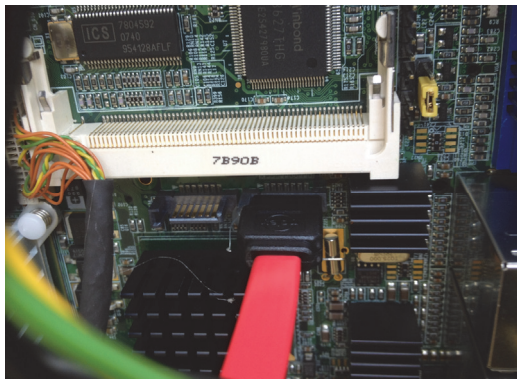
9. Unscrew the 2 set screws from the hard disk and install them on the SSD drive, noting the cable side of the SSD.



10. Unclip the SATA cable.

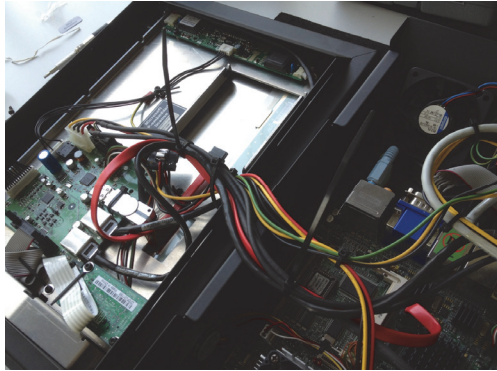


11. Cut the 2 cable ties (arrowed).



12. The SATA cable is glued into its connector on the mainboard. Taking care not to damage the PCB and other components, disconnect and remove the SATA cable.

13. Connect the new SATA cable. The new cable clicks more securely into the connector, so there is no need for glue.



14. Route the new SATA cable so that it sits in the same place as the old cable. Secure the cables by fastening the supplied cable ties around them in the same places as the old cable ties.

Important! Leave some free play in the SATA cable at the mainboard end. The cable must not be pulled tight.



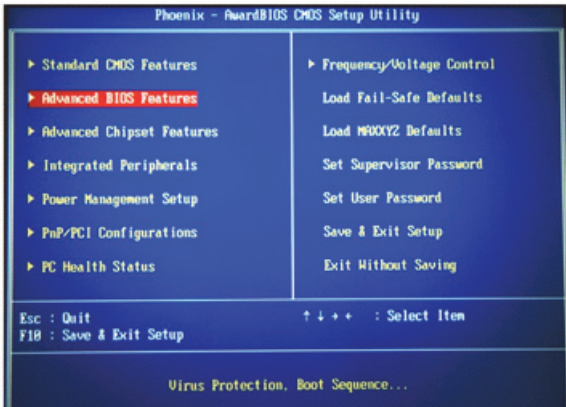

15. Glue the Win7 Embedded sticker next to the XP sticker.
16. Close the Cerebrum module, fasten it with its 2 screws, and reassemble the Maxxyz Compact following steps 1-4 in reverse order.
17. Apply power, then install the new OS and software following the instructions in the next section.

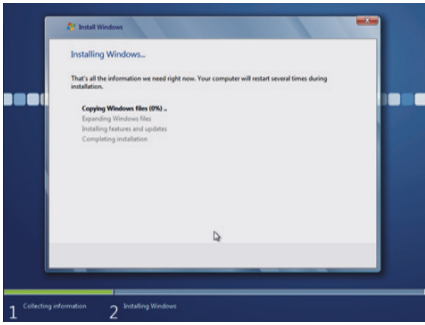

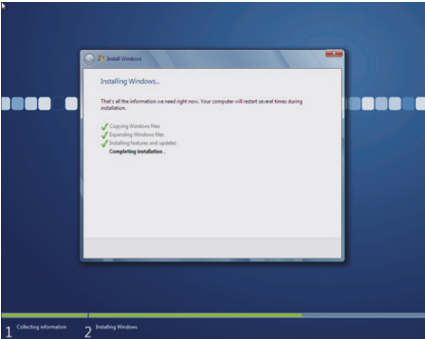
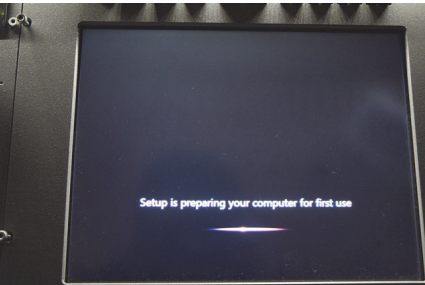
Software upgrade: OS installation


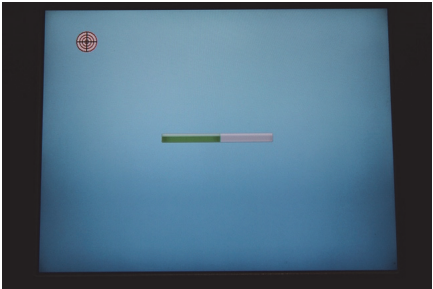

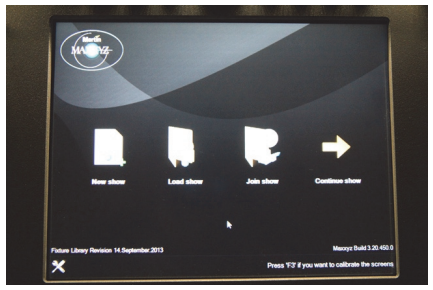
Now that the hardware is successfully installed, it's time to install the OS and software on your Maxxyz Console. Afterwards you can load your saved showfiles again.

IMPORTANT! Please be patient during software installation. At some stages, there may be a black screen for several minutes while the Operating System is deployed internally. Do not shut down the console until the whole procedure is completed. If you interrupt the process, you will have to start over again.

1. Disconnect all network and USB connections from the console.
2. Turn on the console and insert the supplied DVD with the OS and software into the DVD drive.
3. If the console does not boot from the DVD from the first time, then just restart the console again without removing the disk. Sometimes the drive seems to be too slow to boot from when you just inserted it.

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|  | <ol style="list-style-type: none">4. If the console still does not boot, enter the BIOS by pressing DEL when starting up. In Advanced BIOS Features, select Load Maxxyz Defaults. Then save and restart. |
|  | <ol style="list-style-type: none">5. When the console boots from the DVD, it will show you the following screen. Press ENTER on the console to continue. |

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|  <p>The screenshot shows the Windows installation progress bar. The first step, 'Collecting information', is complete. The second step, 'Installing Windows', is in progress. The progress bar is partially filled with a green line.</p> | <p>6. The system will now copy all the installation files to your console, expand and install them. This can take a few minutes.</p> |
|  <p>The screenshot shows a black screen with white text. At the top, it says 'Operating System Installation'. Below that is a large 'M' logo with 'Series' underneath it, and 'MARTIN PROFESSIONAL' in smaller text. At the bottom, it says 'Please eject the DVD from the drive. Hit ENTER to reboot.'</p> | <p>7. The console will now ask to restart. Remove the DVD from the drive and continue.</p> |
|  <p>The screenshot shows the Windows installation progress bar. The first step, 'Collecting information', is complete. The second step, 'Installing Windows', is in progress. The progress bar is partially filled with a green line.</p> | <p>8. After rebooting, the console will proceed with the OS installation.</p> |
|  <p>The screenshot shows a dark screen with white text that reads 'Setup is preparing your computer for first use'. There is a small blue light at the bottom of the screen.</p> | <p>9. Your console may reboot again automatically and finalize the installation and setup of the console's settings. Finally it will install the release software automatically.</p> |

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|  | <p>10. The system will ask you to calibrate the integrated touch screen and optionally also an external (ELO) touch screen.</p> |
|  | <p>11. The console is now ready to use! Load the training file and verify its operation.</p> |
|  | <p>12. You can now load your backup showfiles into the console. The console may ask you to save them again, as they will be updated for use with this latest version of the MX software. Save them on the console's SSD drive.</p> |

License: Upgrading your license to Windows 7

The hardware and software are now successfully updated. Now all you need to do is request a new license that will be stored on the internal One-Key in you Maxxyz Compact console. This will include the Windows 7 license that you are now using with version 3 of the MX software.

To make a license request, please send the following items to controllersupport@martin.dk

- License request file (see below)
- Serial number of your console
- Copy of your purchase order (a scan, or readable picture)

Generating a license request file

To generate a license request file on your console:

1. On the Maxxyz Compact console, go to the menu: **System > About**
2. In the **License** section press the **Request...** button.
3. Press **Martin Controller**.
4. Save the license request file to an external USB drive.

When you send the 3 items listed above to controllersupport@martin.dk we will create a license for you and send you back a new file via e-mail.

You can now add the license using the procedure outlined above, but this time pressing the **Add License** button instead of the **Request...** button.

