Maxxyz™ Compact
Operating System Installation

OS 2.4 installation and BIOS settings

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Revision History

Version	Init.	Date	Description
A	KVH	24/02/2009	First release
B	KVH	25/02/2009	ISO burning section added
C	KVH	26/02/2009	Pictures added
D	KVH	02/03/2009	Small update in section 4.1

Table of Contents

1. Introduction

1.1 Purpose of the Document

This document describes:

- Check the BIOS settings

- How to prepare the Operating System CD

- How to install OS 2.4 on a Maxxyz Compact console

- How to install Maxxyz Software
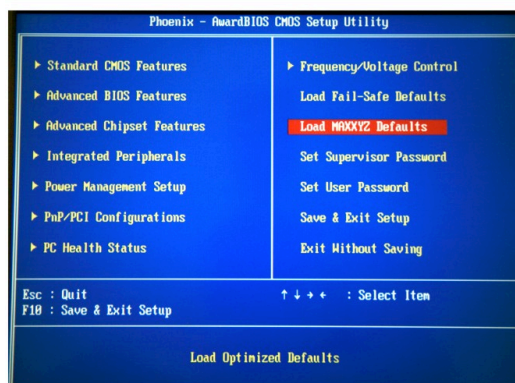
2. Checking the BIOS settings

Before the OS can be installed, it is wise to take a minute and check the BIOS settings of your Maxxyz Compact console.

The Maxxyz Compact has a BIOS with Maxxyz Default settings, to avoid going through complicated CMOS settings.
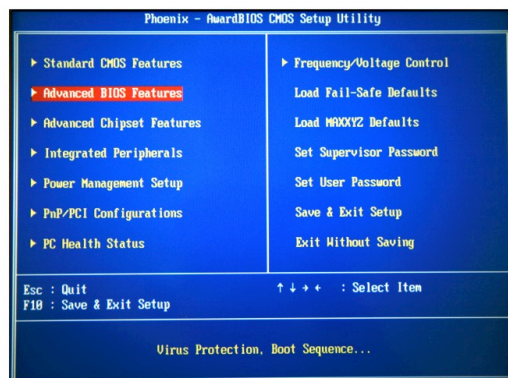
The only setting that has to be verified is the hard drive BOOT priority.

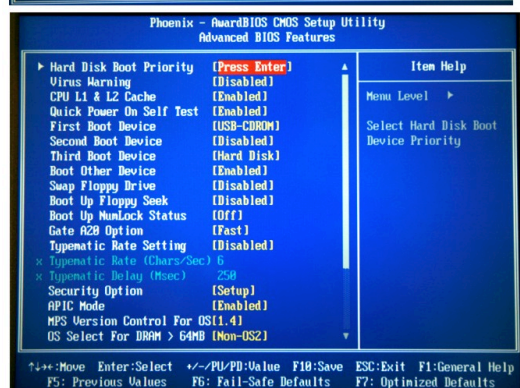Follow the next procedure to set the BIOS settings:

Power UP the controller
and
Press the DEL key on the keyboard
when the BIOS appears on the screen
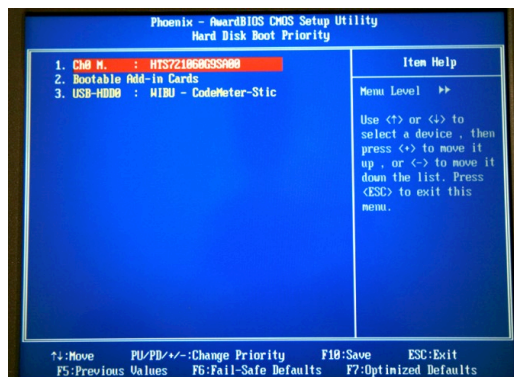

With the ARROW keys on the keyboard,
go to "Load MAXXYZ Defaults"
and press <Enter>.
On the question, "Load Optimized Defaults Y/N"
type Y<Enter>

With the ARROW keys on the keyboard,
go to "Advanced BIOS Features"
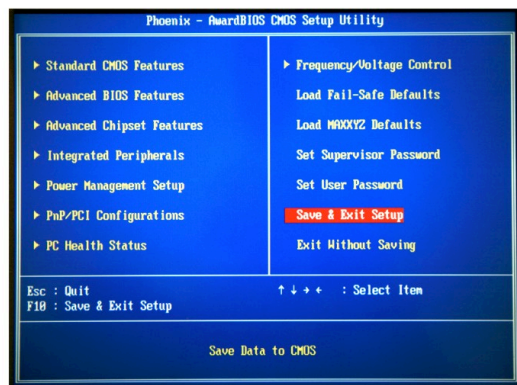and press <Enter>

Goto "HARD DISK Boot priority"
and press <Enter>

The order must be:
1: Ch0 M. : xxxxxxxxxxxxxxxxxx
2: Bootable Add-in Cards
3. USB-HDD0: WIBU - CodeMeter-Stic

If the order is different:
- go with the arrow keys to the line
- press "FN" "PgUp" to move the line up
or
- press "FN" "PgDn" to move the line down.

Press "ESC" a few times
until the main menu appears again
and select "Save & Exit Setup" <Enter>

At the question:
"Save to CMOS SETUP and Exit Y/N?"
Type Y <Enter>

System will reboot now.

3. Preparation

3.1 Backup all Data!

Installing the Maxxyz OS will remove all user data from the console. Save all files to a USB stick or burn them to a CD ROM from the Maxxyz Software before proceeding. Confirm the integrity of the back up by loading it into another console or the Maxxyz PC software.

3.2 Download the Maxxyz OS disc

The flash recovery files are placed onto the same disc as the regular operating system. Download the latest version from www.martin.com/maxxyz

3.3 Burn the ISO file to CD

ISO files are images. It is an exact copy of the contents of a CD including all boot settings required. Several commercial programs such as NERO or ROXIO can burn ISO images without problems.

> Note: Do not simply burn the ISO file itself onto a CD! Make sure to use the correct CD media: Maxxyz supports CD-R. (not +R and RW)
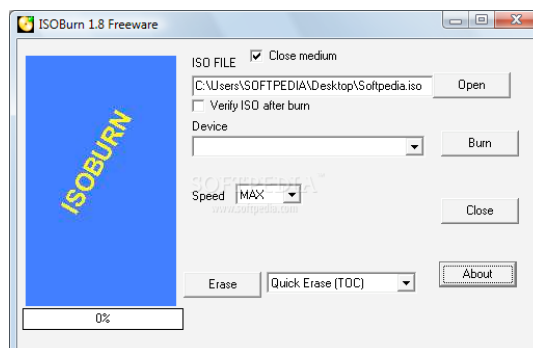
Commercial programs offer many settings for burning discs. Some of them may incorrectly burn the disc (not the exact copy that we distribute), preventing it from booting up into the recovery menus.

MS WINDOWS

To ensure a reliable reproduction of the ISO files for use with our controllers we recommend the use of the *ISOBURN* freeware tool. It can be found here:
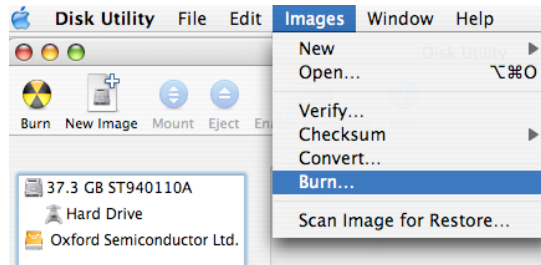
http://www.free-codecs.com/download/ISOBurn.htm

Current ISOBurn version 1.8

- Select the ISO file with OPEN
- Select your CD/DVD burner and press "BURN"

MAC USERS

You can use *Disk Utility* to burn an ISO file in a MAC OS. Disk Utility is in the *Utilities* folder inside the main *Applications* folder. It is also available on Mac OS X software installation CDs and DVDs. For more information about using Disk Utility, see Mac OS X's internal help.

Disk Utility in MAC OS X

4. Getting started

Note: Please remember to make a backup of your show files before installation!

The Maxxyz CD holds 2 installations:

- the OS installation (embedded Windows XP operating system)
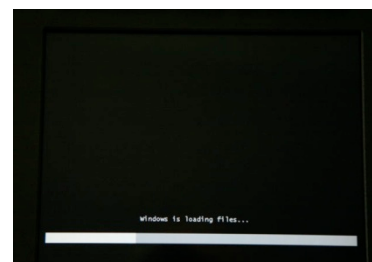- Maxxyz Software installation

Disconnect all Network and USB connections from the console!

WARNING! Please be patient. Some of these steps may result in a black screen for several minutes as the Operating System is deployed internally. Do not shut down the console until the whole procedure is completed. Interrupting the process means to start over from the beginning.

4.1 Installing the OS

Step 1: Power up the console.

Step 2: Insert the **CD** in the CD drive and boot the console from the CD**.** Windows is now loading files. The console will load the OS recovery menu. Please wait…

Step 3: In the OS recovery menu, click the **"Options"** button on the screen. This is easier if a USB-mouse is connected, because the touch screen is not yet calibrated in this stage.
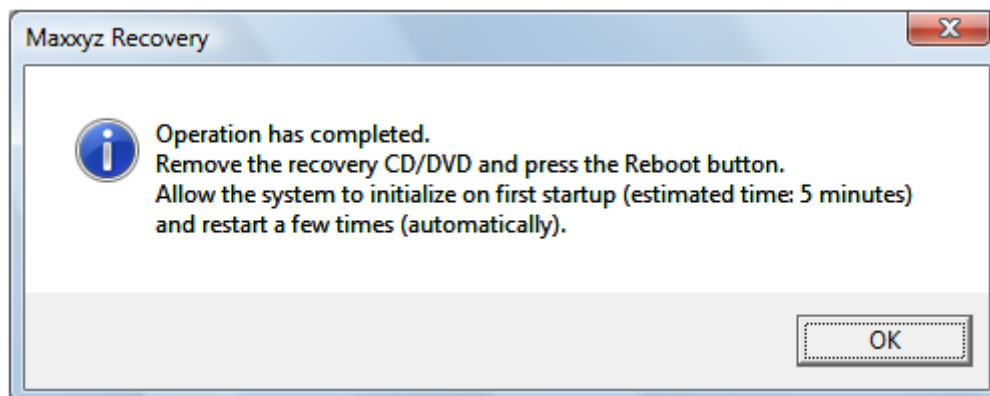

Step 4: Click the **"Install OS"** button on the screen.

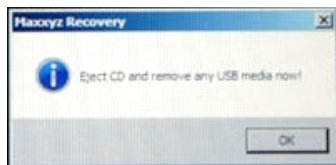**Step 5:** Click the **"Start"** button on the screen.

Step 6: After approx. 5 minutes, when all files are copied and deployed, a popup will appear.
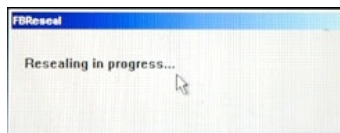
Now click the **"Restart"** button.

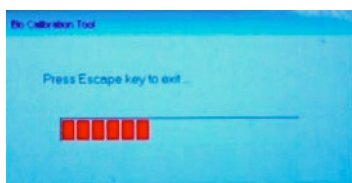**Step 7: Remove the CD** from the drive and click the **"OK"** button on the screen.

Step 8: The system will reboot and initialize. After resealing the OS and resetting the setup flag, the system will reboot again automatically. Now the system executes the final configuration steps.
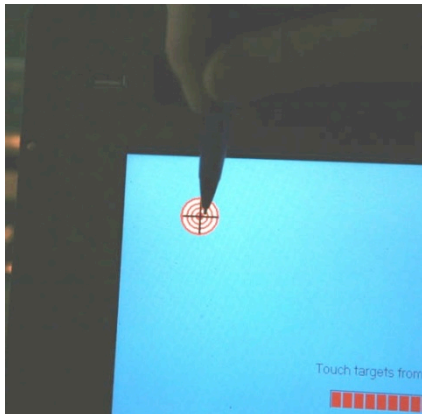

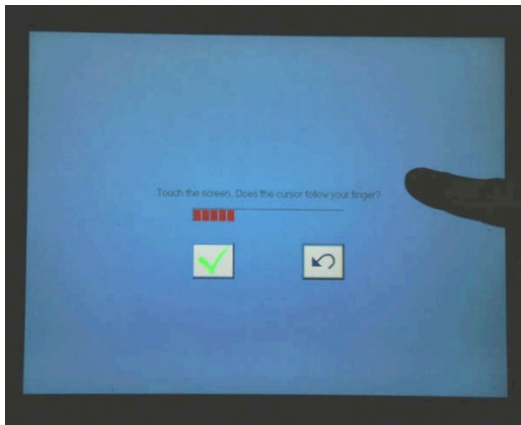**Step 9: Wait until calibration** menu appears (after a few minutes).

Step 10: The system will first try to calibrate a possible attached external screen. If no external screen is connected that needs calibration, press the **"ESC"** key on the keyboard or wait a few seconds. The system will switch to the internal screen calibration.

Step 11: Hit the 3 targets on the screen that appear 1 by 1. Carefully do this with a (PDA) pencil or your finger. Make sure not do damage the foil on the touch screen.

Step 12: Move your finger over the screen when asked for it. If the cursor follows your finger, then hit the green **"V"** on the screen.
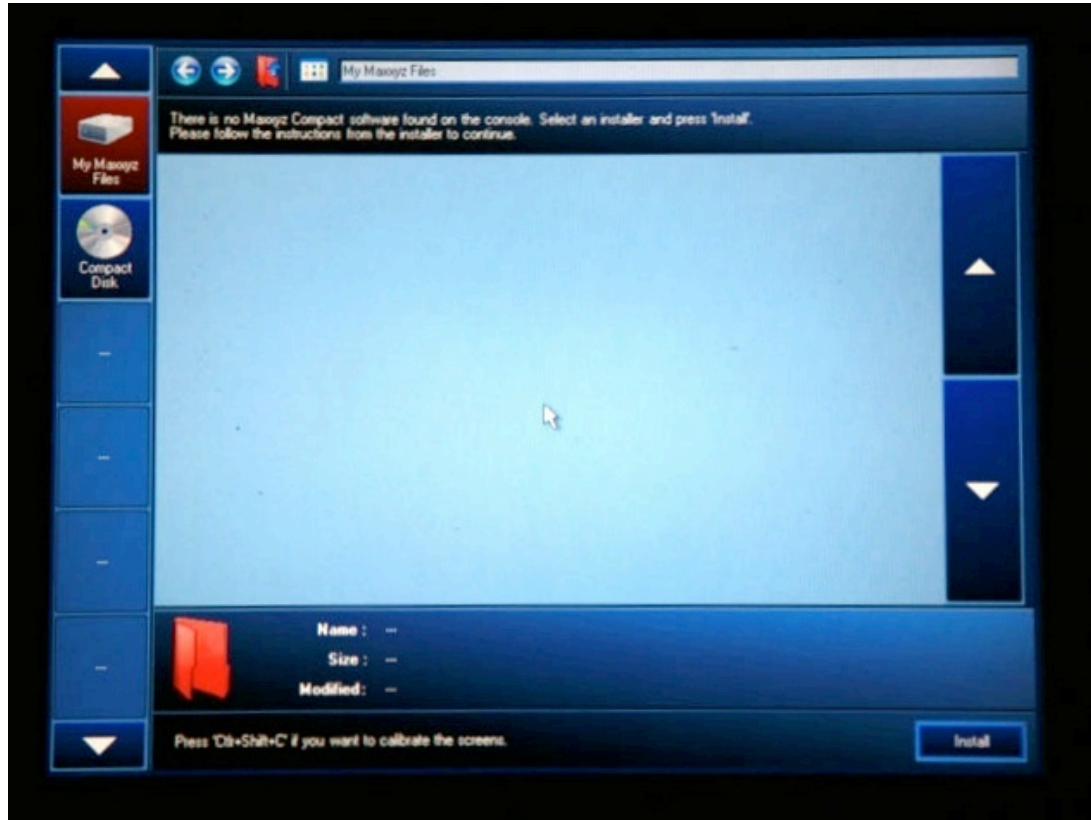

If calibration was not successful for any reason, it is possible to recalibrate the screen in the Maxxyz system menu or by selecting CTRL+SHIFT+C on the keyboard. The system will reboot automatically after a few seconds The right side will show a MAXXYZ LOGO after reboot.

5. Maxxyz Software installation

Now that the OS is installed, it is time to install the Maxxyz Software.

Step 1: After installing the OS, the system performed a reboot. Now, the console will tell you that it didn't find any Maxxyz software.
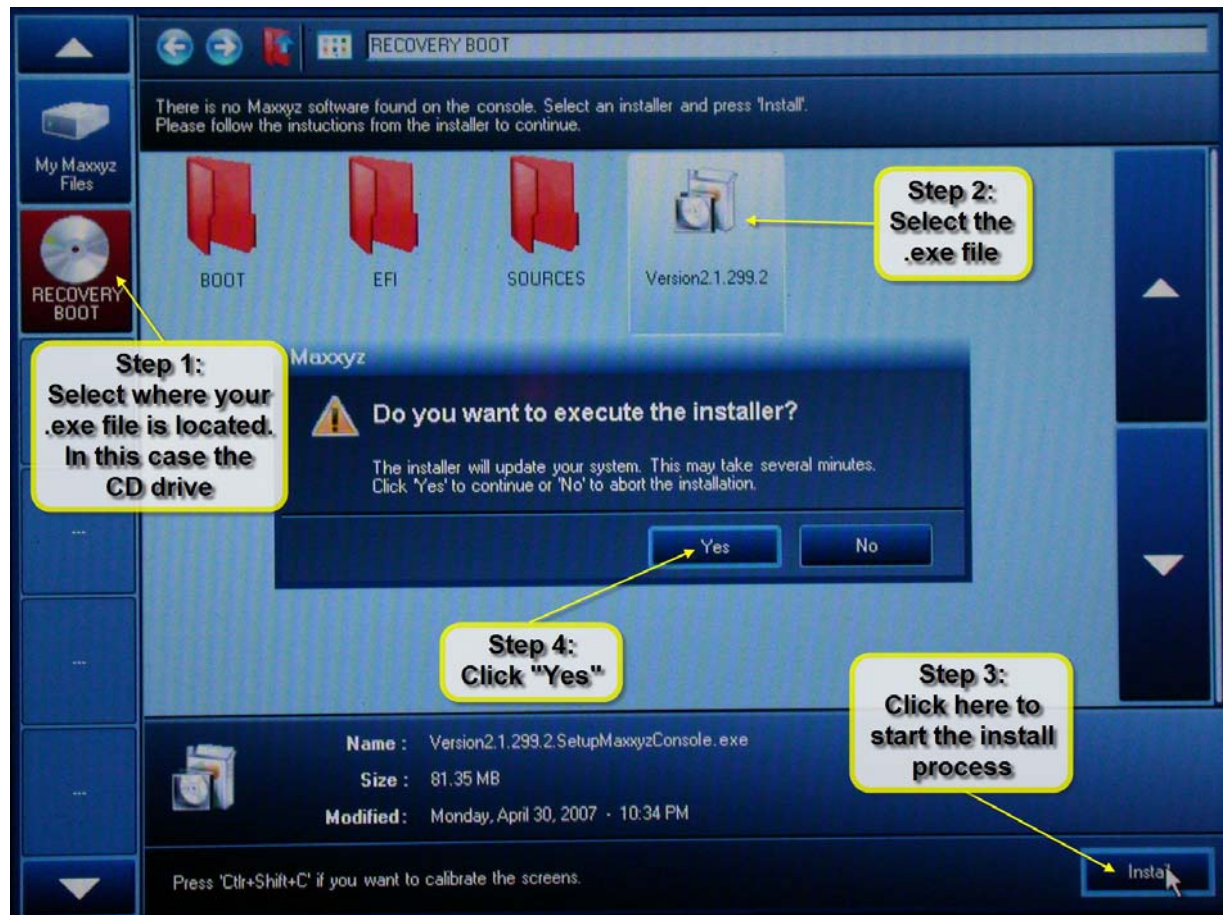

It asks you to point to a Maxxyz software install program. The Maxxyz software install program is on the CD, but you can also download the latest version from the Martin website. Then you will use a USB memory stick.

- **Insert the CD** if you want to install the Maxxyz software from the CD, and wait a few seconds until the system recognizes the CD.
- **Or insert the USB stick** if you want to install the Maxxyz software from the stick, and wait a few seconds until the system recognizes the stick.

Step 2: Select the CD or the memory stick, select the installation file and select the 'Install' button**.**

Step 3: Remove the CD or memory stick and select **'Yes'** if you want to proceed with the installation. After copying the installation file, Maxxyz Compact will reboot again to install the software.

Step 4: Select **'OK'** at the 'installation completed' message. The system will reboot now and is ready for use.