

**TOSHIBA Optical Disc Drive**  
**SD-R1202 Firmware update program**  
**(Windows Version) Instruction Sheet**

The following information is for use with TOSHIBA's Optical Disc Drive (ODD) firmware (ODD control program) update program. Please read the following instructions carefully before using this program.

**Important Notes!**

- This firmware update program is for use only with the SD-R1202 CD-RW/DVD-ROM drive. It cannot be used with any other drive model.
- The firmware update program can be run under Windows® 95, Windows® 98, Windows® Millennium Edition, Windows® XP, Windows® 2000 or Windows NT® 4.0 (service pack 5 or later.).
- When using the firmware update program under Windows® XP, Windows® 2000 or Windows NT(R)4.0, you must log on as an "Administrator Group user", before running program.
- Please close all other applications before starting firmware update. Verify that no media is installed in the drive.
- Do not turn off the power supply or reset the system while updating the firmware.
- This firmware update program may need to change your system's settings. The program will automatically set the correct system settings and reboot your system. If a packet write software is installed, you might see the message " Automatic announcement for disc insert and reboot". If this message appears, click "No" and proceed with the firmware update.

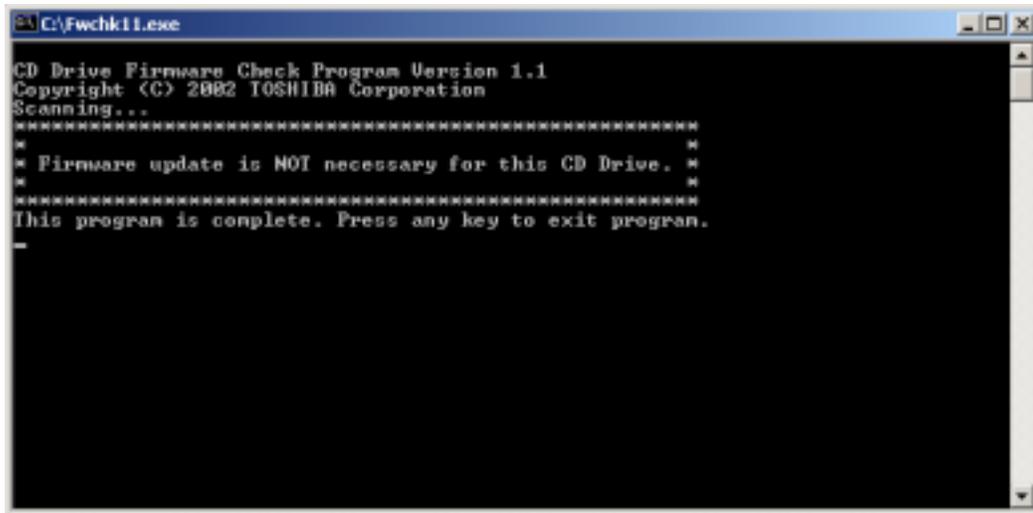
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## Do I need to update my Firmware???

To determine if your SD-R1202 CD-RW/DVD-ROM drive needs to be updated, download the firmware checking tool found on Toshiba SDD's website

[http://www.sdd.toshiba.com/cdrw\\_update.shtml](http://www.sdd.toshiba.com/cdrw_update.shtml)

After downloading program, double click the fwchk12.exe file icon. A window will show if your drive requires the firmware update.



## Instructions for Updating Firmware

1. Double click the icon (Figure 1) and start the update program.



**Figure 1**

2. You may use this program only on the condition that you accept all of the terms set forth below. If you accept them, click "Agree" button to proceed.
  - 1) You may not reproduce any portion of this program and/or distribute it to any third party.
  - 2) You may not reverse engineer and/or modify any portion of this program.
  - 3) Copyrights for this program belong to Toshiba Corporation ("Toshiba").
  - 4) In no event is Toshiba liable to you for any damages of any kind arising from this program and/or the use of this program, including without limitation, any damage to the machine by using this program in the manner other than those written in the following instructions. If you don't accept them, click "Not Agree" button to exit this program. (Figure 2).

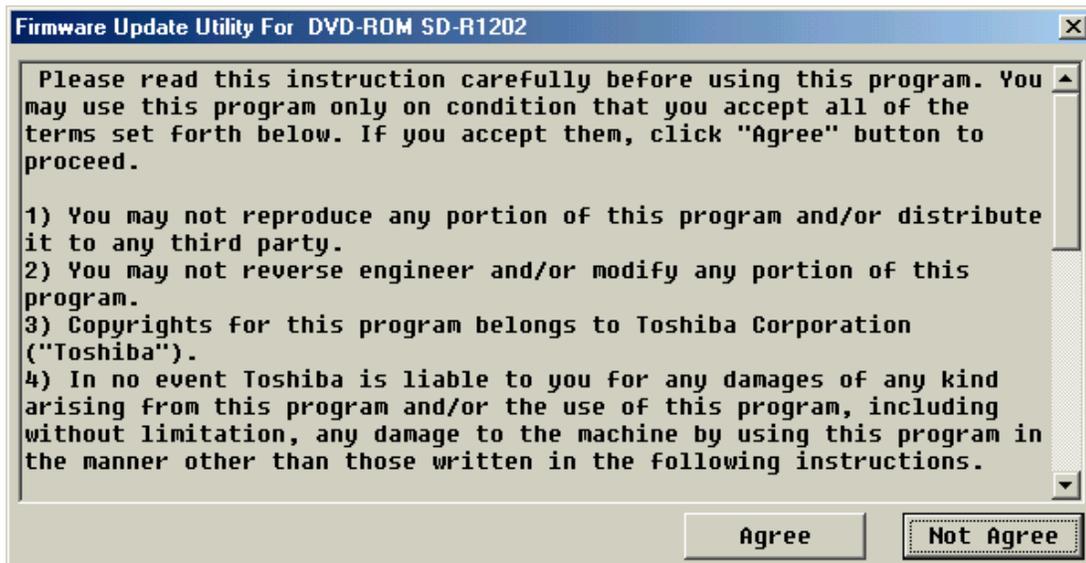


Figure 2

3. The message shown in Figure 3 will appear if the firmware update program is required to change your system's settings. Clicking [OK], will cause the program to automatically set the correct system setting and reboot your system. (If the system is set to DMA enable, it is set to disable during update).

After rebooting your system, the program executes automatically. If a packet write software is installed, you might see the message " Automatic announcement for disc insert and reboot". If such message appears, click "No".



Figure 3

- Please select the Target drive using the pull down menu.  
If update firmware is available, "Firm Update Start" button will be displayed.



**Figure 4**

- Make sure that all other applications are closed.  
Click "Firm Update Start" button. The firmware update will start.  
As the firmware is being installed, the LED on the drive will illuminate for 10 – 20 seconds.  
The message "Firmware Update Executing" will appear (see Figure 5).



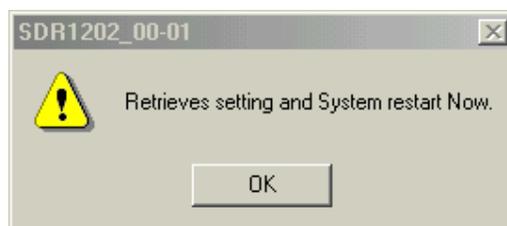
**Figure 5**

- When the update is finished a window will appear stating that the Firmware Update is Complete (see Figure 6). When you click the OK button, the program sets the previous system setting and reboots your system.



**Figure 6**

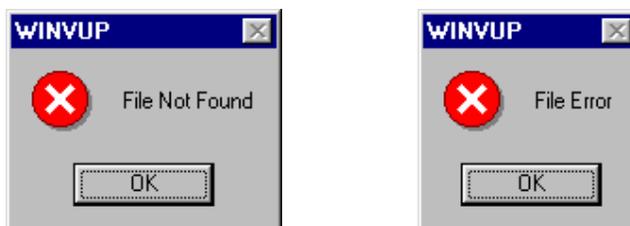
- In Step 4, if you select the Exit button, the program will stop without updating the drive's firmware. If your system settings were changed in an earlier step, selecting OK button will cause your system to restart and your previous system settings will be reinstated.



**Figure 7**

### **Other Message**

If one of the messages shown in Figure 8 appears, there may be a problem with the program. We recommend that you download the program again, and reinstall. If problems still occur, please contact our Technical Support group at 888/483-2443 (M-F 6:00am – 5:00pm).



**Figure 8**