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**Creating a bootable Windows XP SP1 CD (Easy CD Creator) (TTID #157)**

Author: Kevin

Last Updated: September 4, 2002

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You will need the following items:

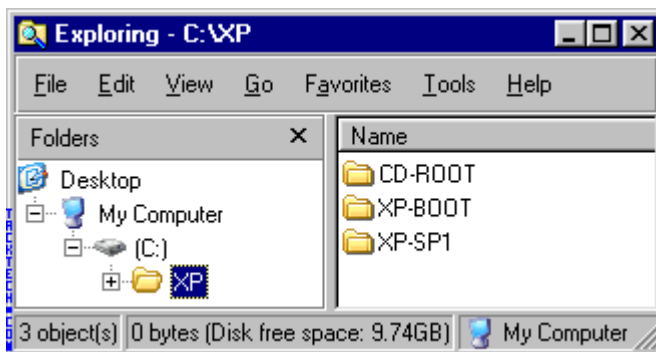
- 1.) A copy of the original Windows XP CD or ISO
- 2.) Network Installation of SP1 for Windows XP (available: [here](#)) ~133MB
- 3.) The boot file which you can download [here](#) ([bootfiles.zip](#) / 1.07KB)
- 4.) CD Recording Software ([Roxio Easy CD Creator Basic v5.03](#) was used in this example)

\* An example using Ahead Nero 5.5.9.9 is available, [here](#).

\* If receive an error message while following the instructions please read TTID# [184](#).

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Created a folder called **XP** on your hard drive (C: is used in this example). A minimum of 800MB is required. In this folder create three sub-folder called **CD-ROOT**, **XP-BOOT**, and **XP-SP1**. The end result will look something like the following image.



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Copy the entire Windows XP CD (or extract the ISO) into folder **CD-ROOT**.

Copy your Service Pack 1 file into **C:\XP**

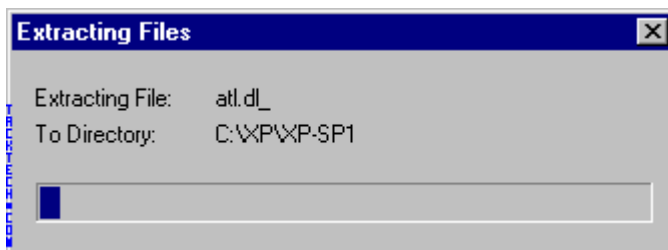
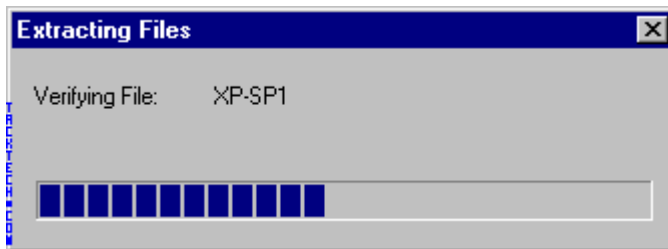
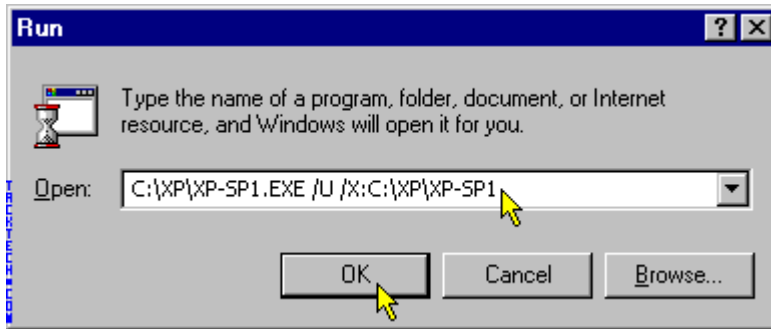
Rename the Service Pack file to **XP-SP1.EXE**

Click **Start** > **Run...**

Type in the following command in the **Open** text box:  
**C:\XP\XP-SP1.EXE /U /X:C:\XP\XP-SP1**

Click the **OK** button.

When extraction is complete, click the **OK** button.



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To apply the Service Pack 1 to the Windows XP in CD-ROOT

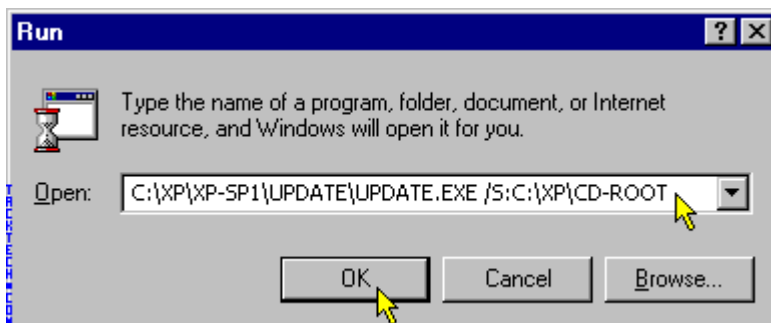
Click **Start** > **Run...**

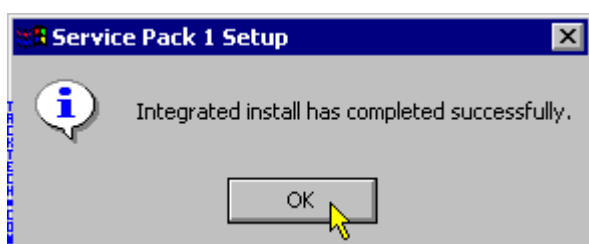
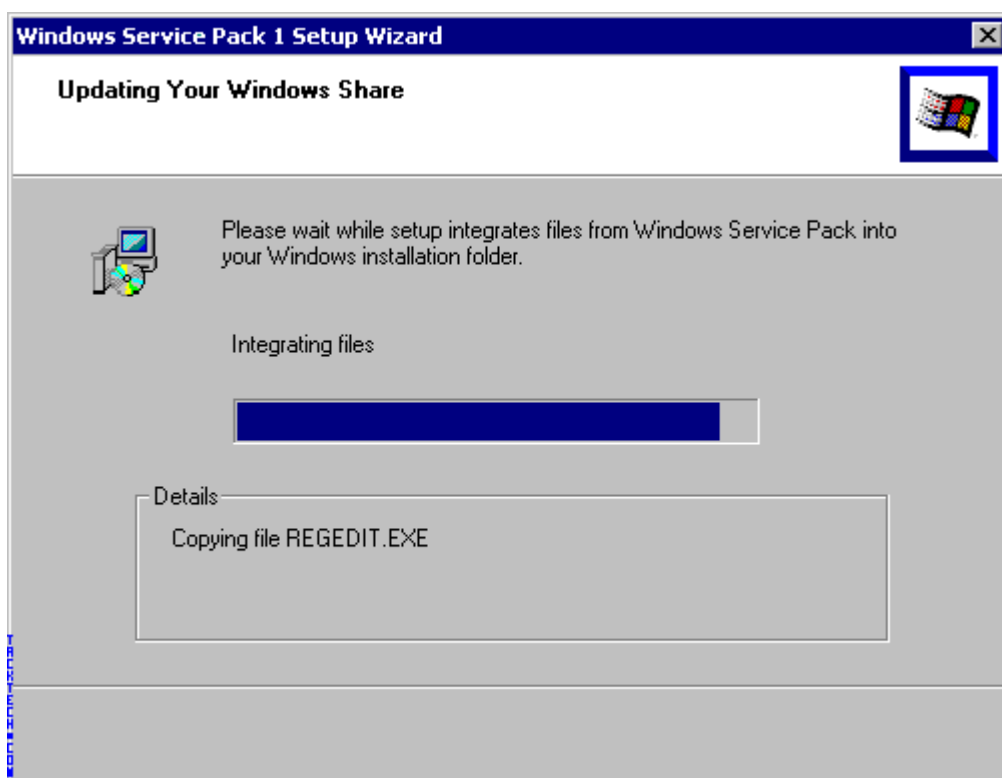
Type in the following command in the **Open** text box:

**C:\XP\XP-SP1\UPDATE\UPDATE.EXE /S:C:\XP\CD-ROOT**

Click the **OK** button.

When integrated install has completed successfully, click the **OK** button.





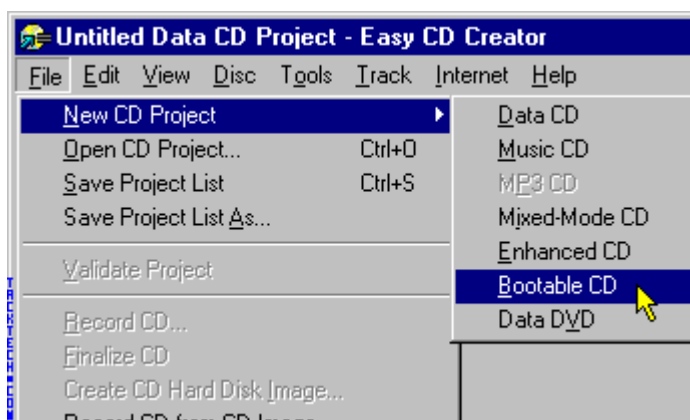
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Extract the **BootSector** file (**boot.bin**) from [bootfiles.zip](#) in to the folder **C:\XP\XP-BOOT**

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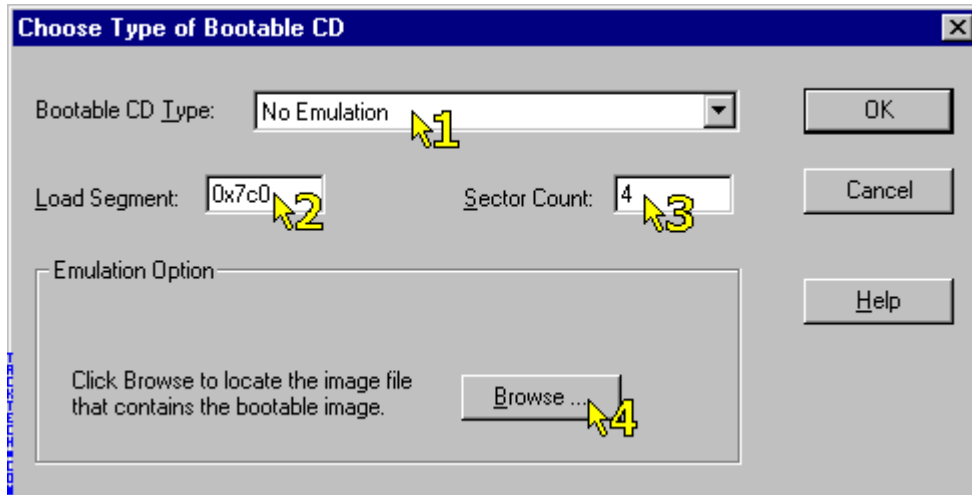
Start **Easy CD Creator**.

Select **File** > **New CD Project** > **Bootable CD** from the menu.

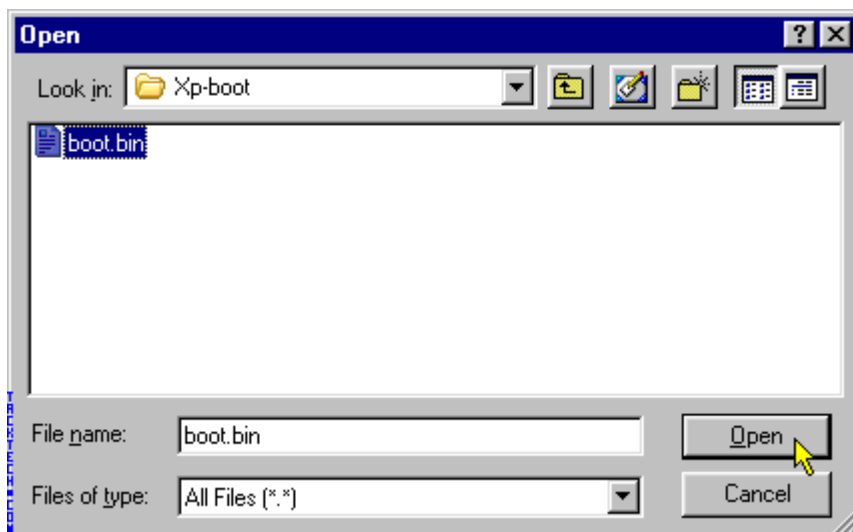


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- 1.) Set **Bootable CD Type**: to **No Emulation**
  - 2.) Set **Load Segment**: to **0x7c0**
  - 3.) Set **Sector Count**: to **4**

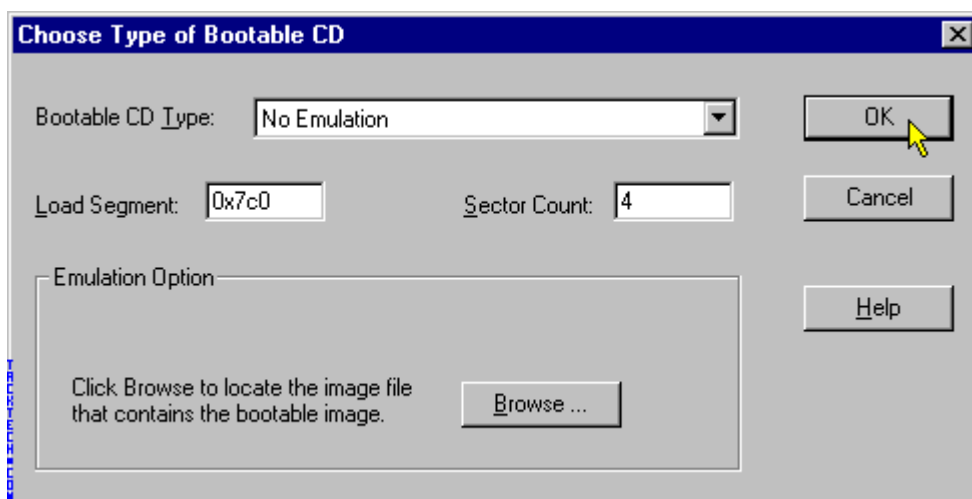
4.) Press the **Browse ...** button



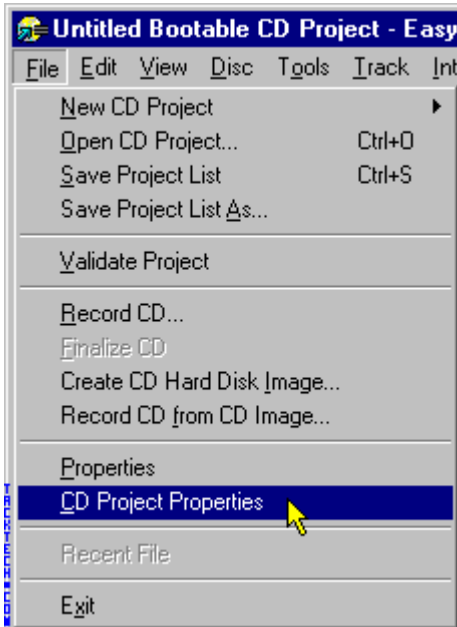
Locate the **BootSector** file (boot.bin) in the folder **C:\XP\XP-BOOT**



Press the **OK** button



Select **File** > **CD Project Properties**



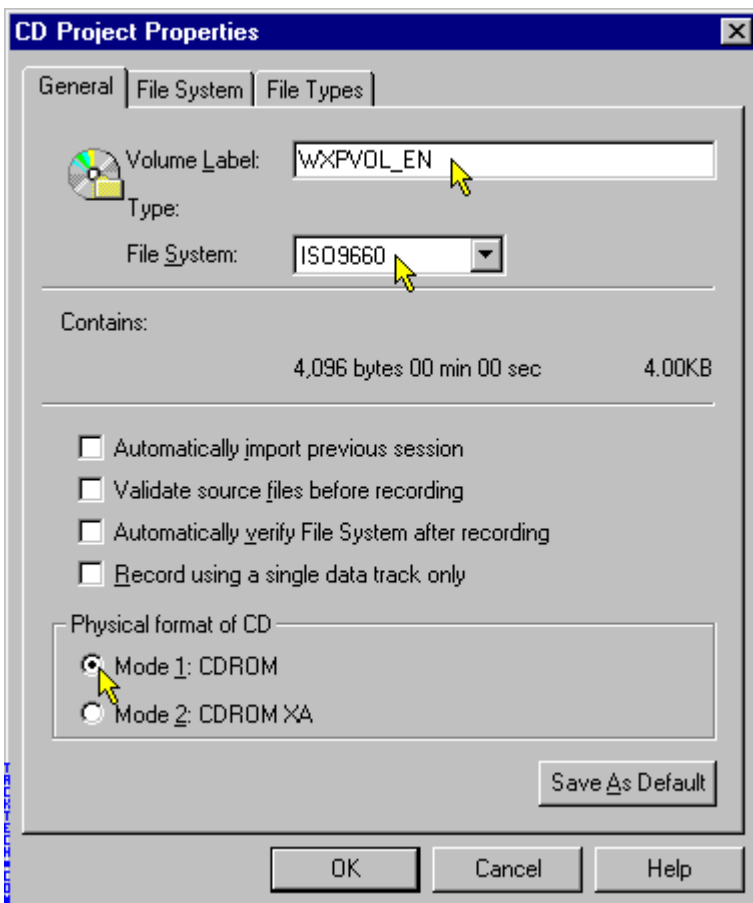
Enter the **Volume Label** as **WXPVOL\_EN** \*

\* For Windows XP Professional OEM substitute **WXPVOL\_EN** with **WXPOEM\_EN**

\* For Windows XP Home OEM substitute **WXPVOL\_EN** with **WXHOEM\_EN**

Set the **File System** to **ISO9660**

Set the **Physical format of CD** to **Mode 1: CDROM**



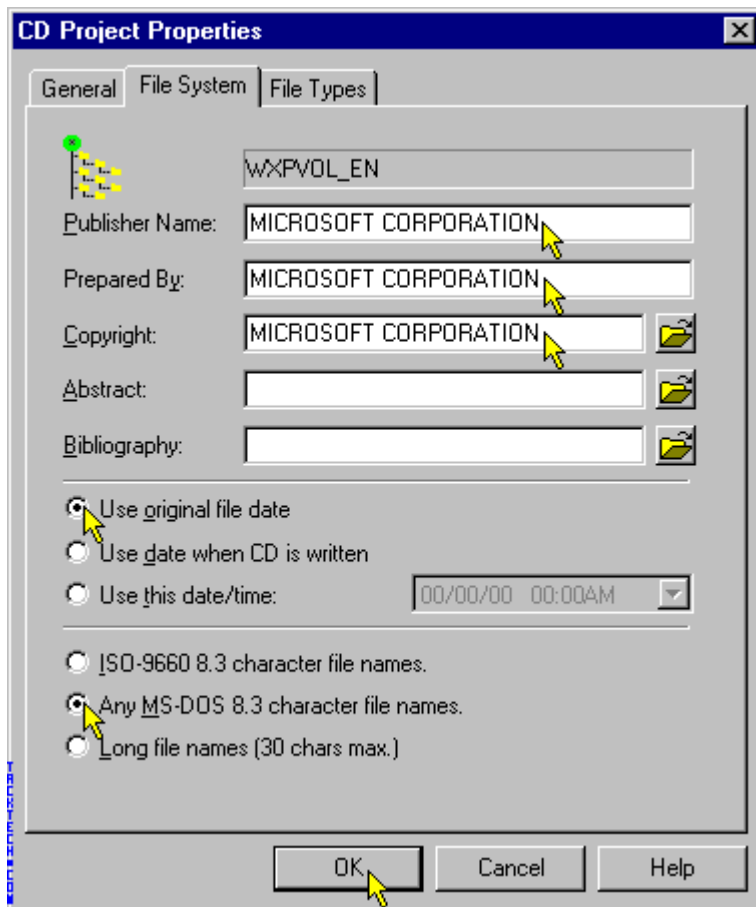
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Enter **MICROSOFT CORPORATION** in the **Publisher Name:**, **Prepared By:**, and **Copyright:**

Select **Use original file date**

Select **Any MS-DOS 8.3 character file names.**

Click **OK**

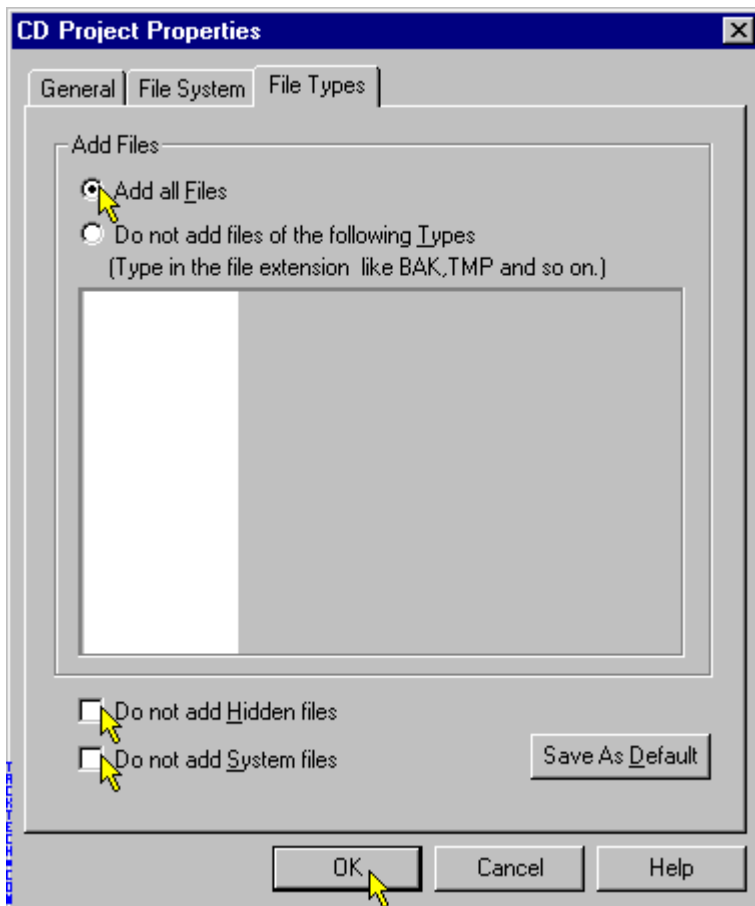


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Select **Add all Files**

Make sure that the **Do not add Hidden files** and **Do not add System files** are both unchecked

Click **OK**

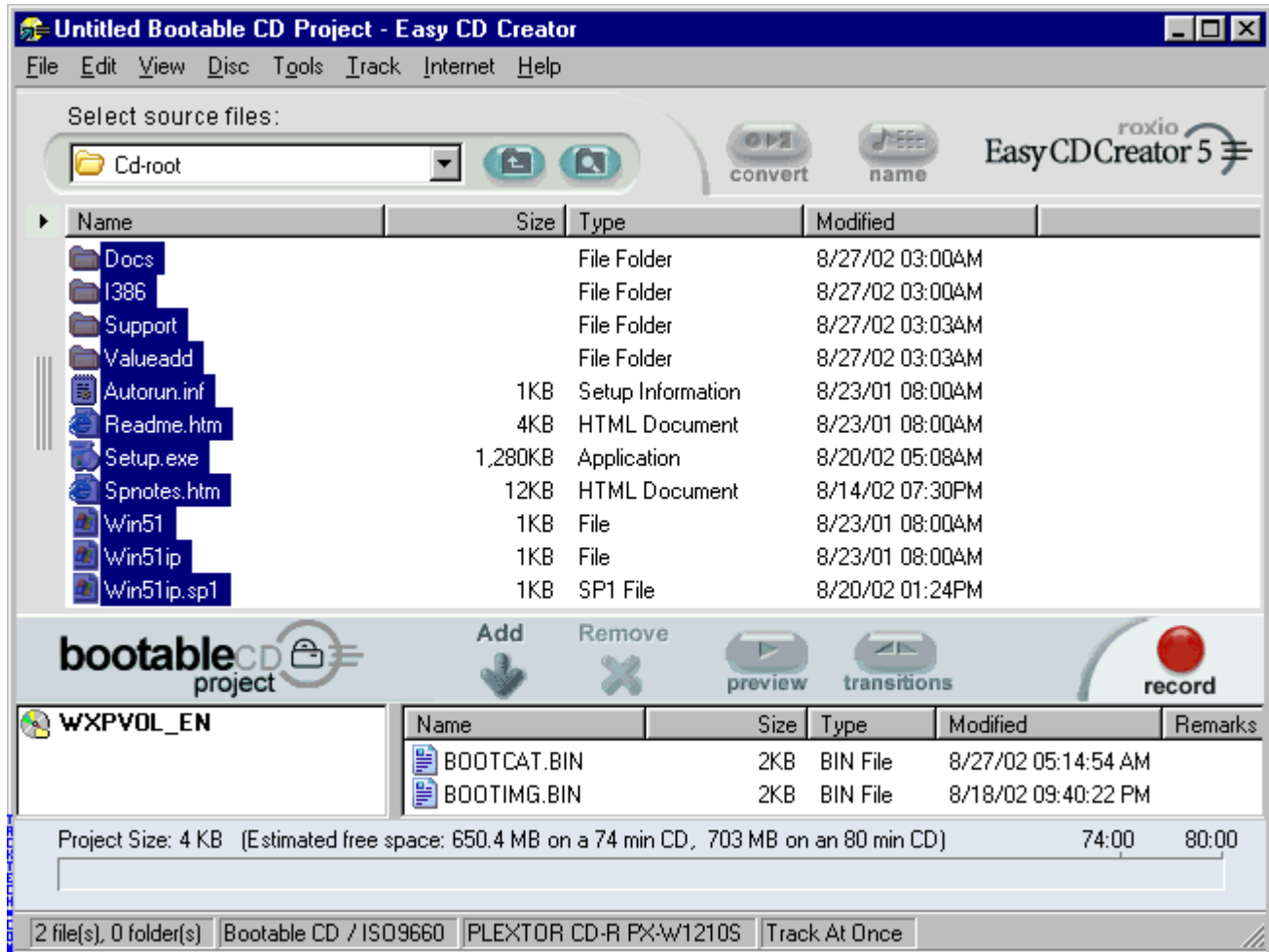


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Select all files and folders in the **C:\XP\CD-ROOT** folder

Click the **Add** Button

Click the **Record** Button

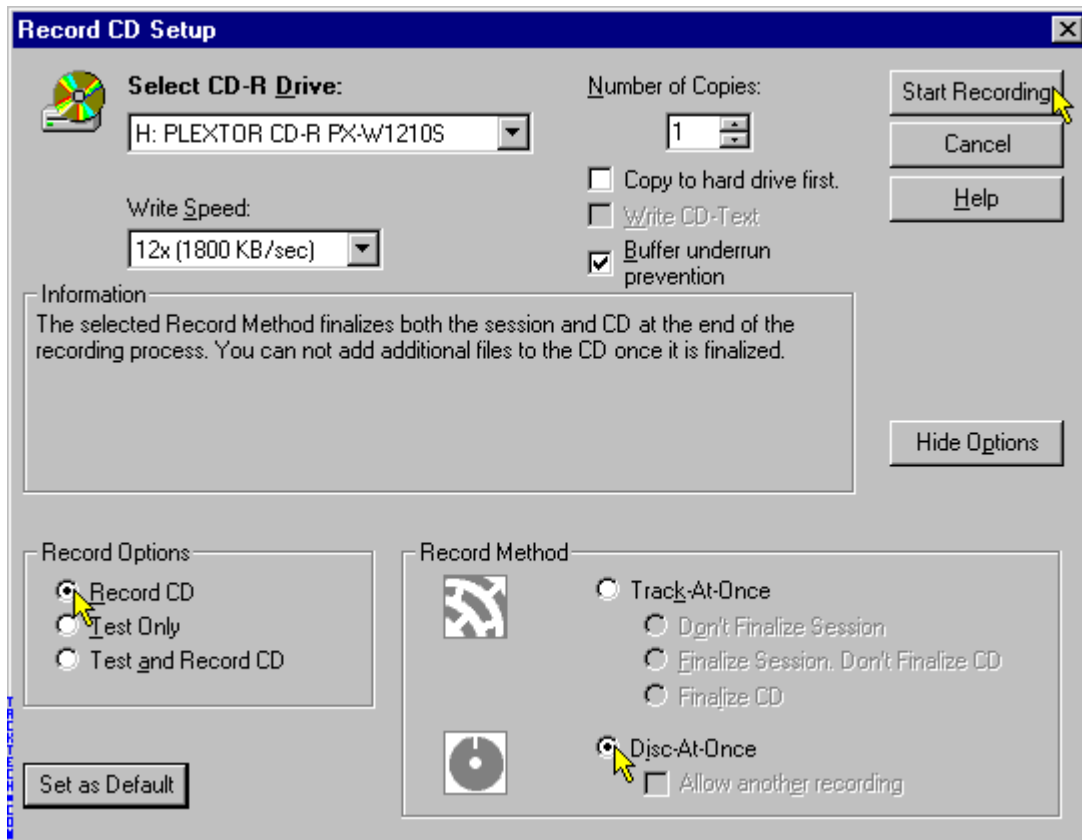


Select **Record CD** under **Recording Options**

Select **Disc-At-Once** under **Recording Method**

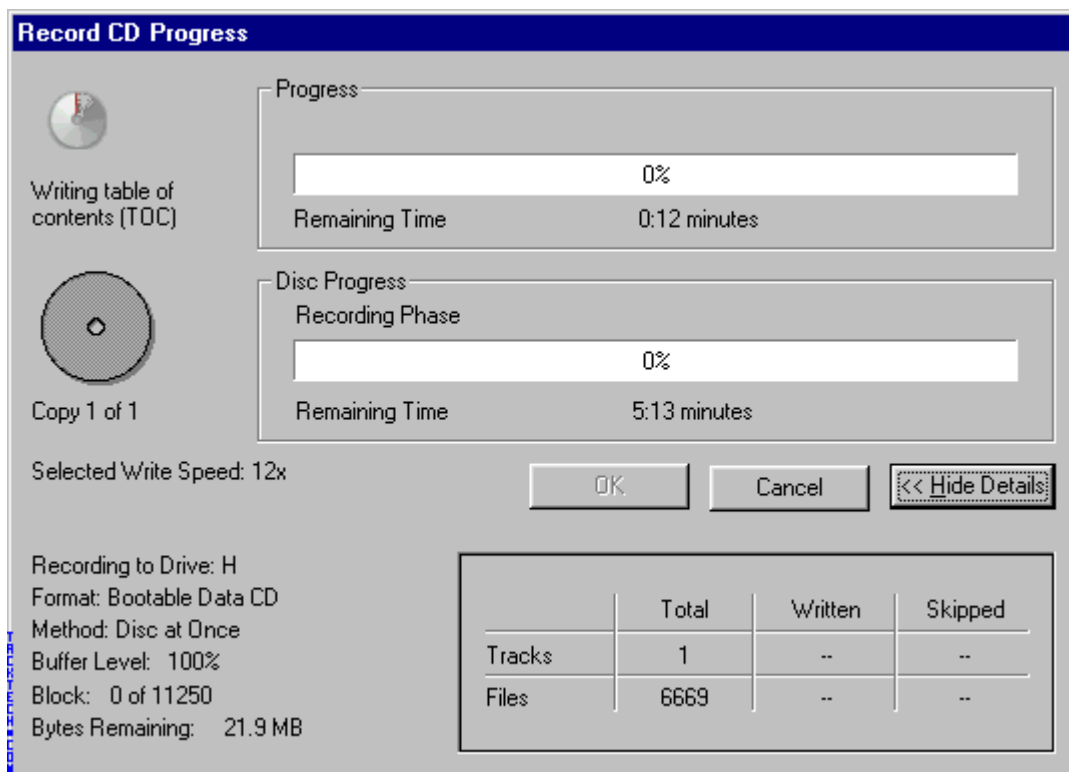
Click **Start Recording** Button





Wait for CD creation to finish.

Click **OK**



Process complete. You're done.

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**Revision History:**

09.04.2002 - Small changes to Article format. - Kevin

09.16.2002 - Added links to TTID# 184 for debugging. - Kevin

09.17.2002 - Added images for the extracting process. Changed parameter delimiters to /'s instead of -'s to match some Microsoft documentation. Both the - and / worked during tested and produced the same results. Rephrased a few areas to make them easier to understand. - Kevin

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Running 2000-2002 [TACKtech Corp.](#)

Last Updated: 08.24.2002

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