

# BERTScope CR Software Installation Instructions

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## Introduction

Welcome to the installation instructions for the CR Software, which includes the SDK and the CR User Interface Software. This installation guide covers the installation of both or either of these CR software products as well as CR USB driver installation.

## Warnings

- **Do not attempt to install on a BERTScope. Installing on top of existing BERTScope software could cause the BERTScope software to stop working properly.**
- **Please disconnect the BERTScope CR from the PC on which you will be installing the CR software until the installation is complete.**
- **If you have the CR Firmware Update Utility version 1.0 installed on the computer on which you wish to install the CR Software, please uninstall it first and install the latest version (version 2.0).**
- **If you have any other previous installations of BERTScope software (i.e. an old version configured to run on a laptop), please uninstall it before proceeding with this installation.**

## CR Firmware Update

To access the full functionality of the CR User Interface Software, a firmware revision may be required in the CR clock Recovery unit. The CR User Interface Software automatically checks to see if a firmware update is required.

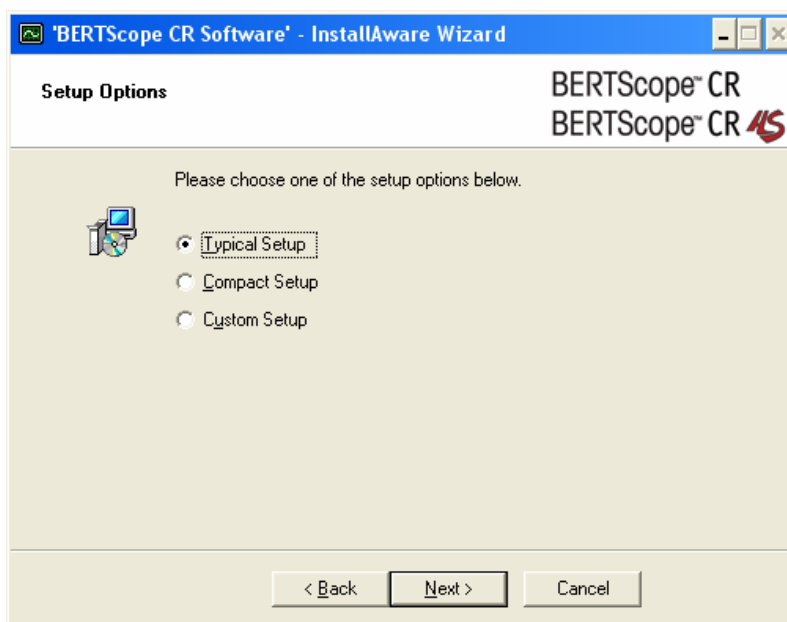
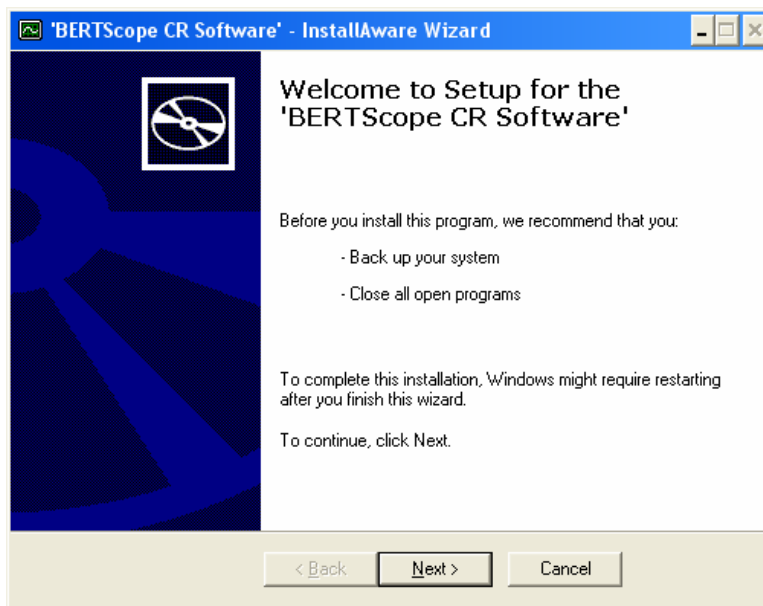
If after successful installation of the CR User Interface Software portion of the CR Software you see the following warning message, “New Clock Recovery firmware available. See CRUpdate\_Help.pdf,” please update the CR firmware via the CR Firmware Updater.

The installation instructions for the Updater can be found in the CRUpdate\_Help.pdf file. If you installed this software from a CD-ROM, the CRUpdate\_Help.pdf file, along with the required installer file, are also on the CD-ROM. If you installed the User Interface software from another source, the required help and install files can be found on the SyntheSys Research FTP site.

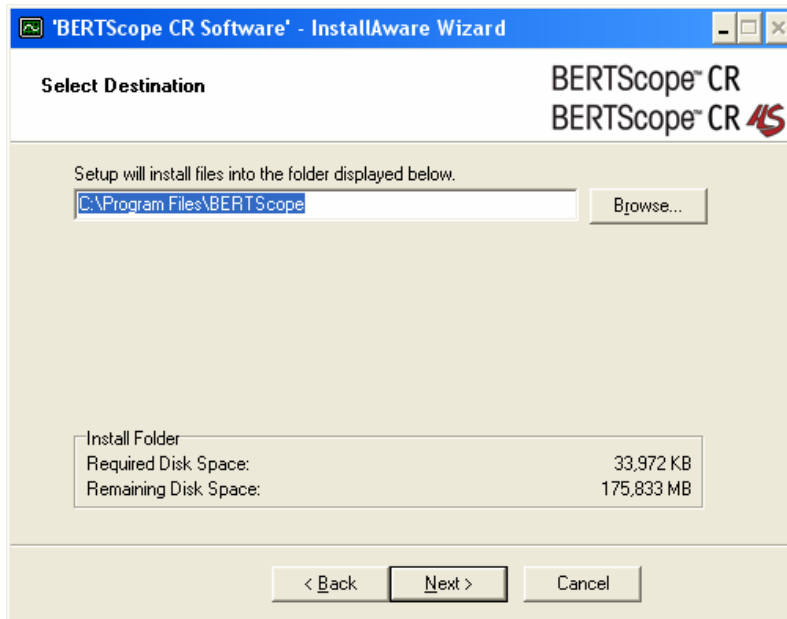
## Installation

### ***CR Software Installation***

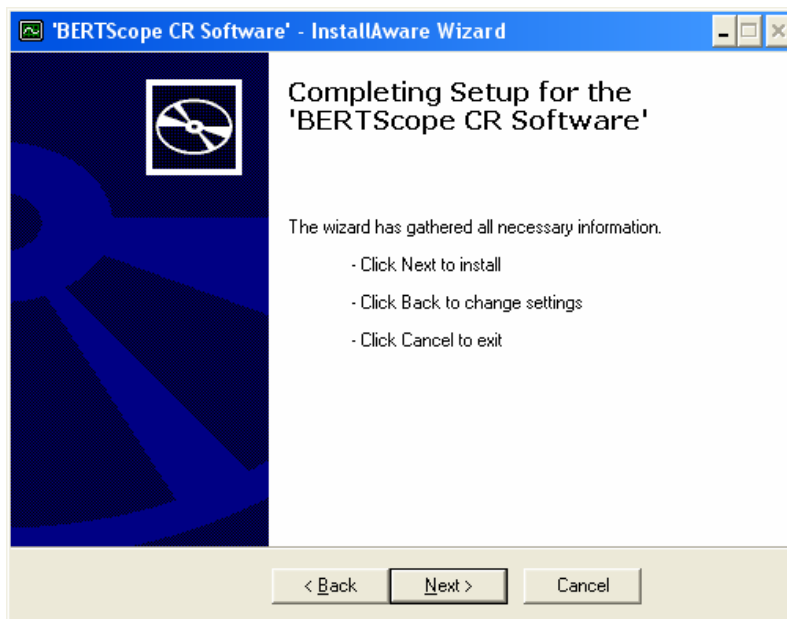
The following screen shots will take you through the installation screens.

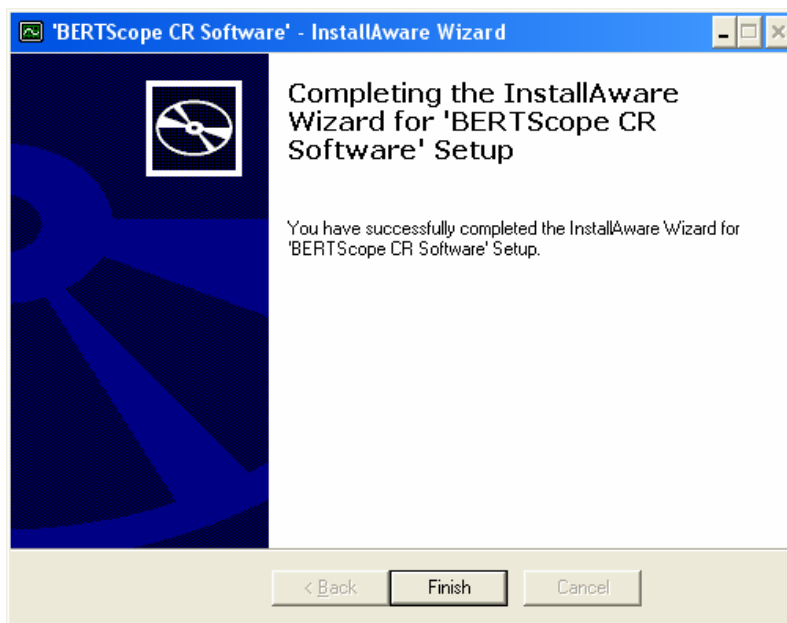
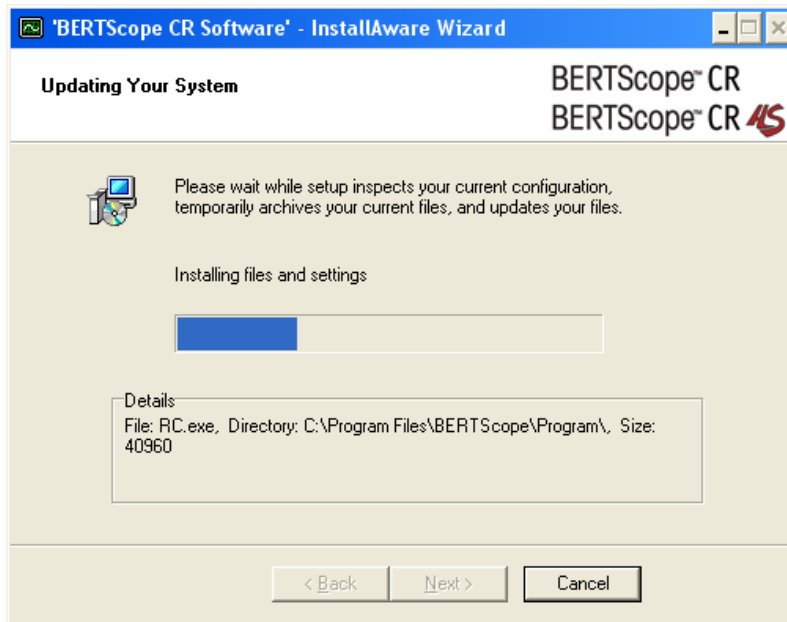


Choose Typical Setup to install both the CR SDK and CR User Interface Software. Compact Setup is the same as Typical. Choosing Custom Setup will allow you to select only one of the two products.



Please leave the default directory, “C:\Program Files\BERTScope”, as the destination.





## ***BERTScope CR USB Driver Installation***

The BERTScope CR USB drivers must be installed the first time a BERTScope CR is connected to a particular USB port.

BERTScope CR USB driver installation under Microsoft Windows 2000 is automated and painless, requiring only that the user connect and power-up the new device. Windows XP, on the other hand, forces the user to navigate a blizzard of confusing dialogs. The next section details the installation of the BERTScope CR USB drivers under Windows XP.

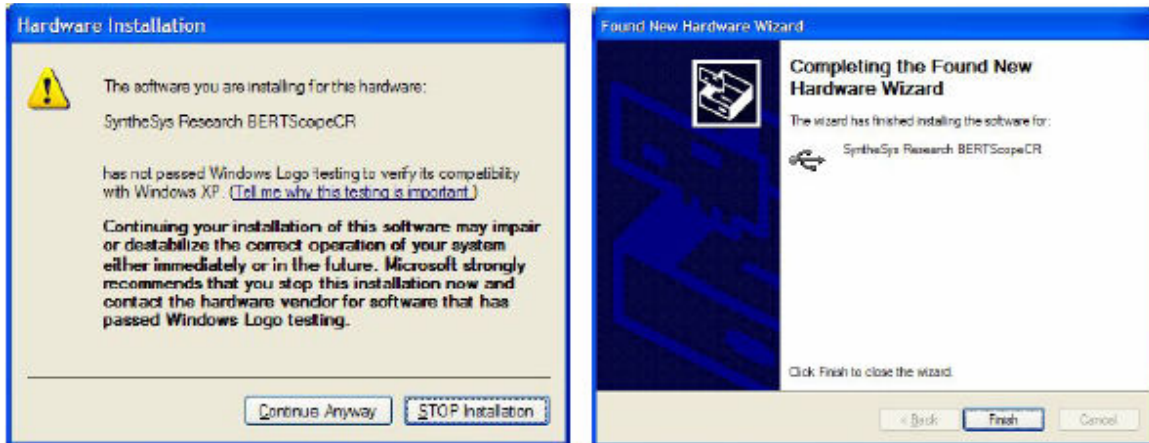
## Windows XP Driver Installation

When you connect and power-on a BERTScope CR for the first time under Windows XP, The 'Found New Hardware Wizard, Welcome' dialog automatically pops up. Select the 'No, not this time' radio button, then press the 'Next' button to continue.



Next, the 'Found New Hardware Wizard, Device ID' dialog appears, identifying the new device as a 'SyntheSys Research BERTScopeCR' (or perhaps an 'EZ-USB FX2 (68613) – EEPROM missing' – See the note at the end of this section). Select the 'Install the software automatically (Recommended)' radio button, then press the 'Next' button to continue.

At this point, Windows XP displays an ominous 'Hardware Installation' dialog that warns that Microsoft was not paid a lot of money to test this driver. Press the 'Continue Anyway' button.



Finally, Windows XP actually installs the BERTScope CR USB driver, and displays the Completion dialog. Press the 'Finish' button to complete this ordeal.

## **Uninstallation**

### ***Uninstalling the CR Software***

To uninstall the CR Software, go to Add/Remove programs or run the installer executable again. Select Uninstall and follow the prompts in the wizard.

### ***Uninstalling the BERTScope CR USB Drivers***

You probably do NOT want to uninstall the drivers, especially if you plan to continue to use the PC to control the BERTScope CR.

If, however, you have used your laptop PC (for example) to control the BERTScope CR - and wish to clean up completely afterward -- here is what to do:

- Connect and power-on the BERTScope CR.
- Execute the “Uninstall.cmd” file, found in your ‘C:\Program Files\BERTScope\BERTScopeCR\Driver’ directory.
- Hit any key to continue when prompted by the uninstall script.
- Hit the ‘Yes’ button on the ‘Uninstall Driver Package’ dialog, when it appears, to complete the uninstall process.
- Power-Off and disconnect the BERTScope CR.

It is now safe to delete the entire installation tree ( ‘C:\Program Files\BERTScope\\*’, by default).

## **Contact Information**

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