



# InCD Reader 5

InCD Reader Manual

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**Nero AG**



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# 1 General information

## 1.1 About the manual

In order to make best use of this manual, please note the following conventions:

Symbol	Meaning
	Indicates warnings, preconditions or instructions that have to be followed strictly.
	Indicates additional information or advice.
<b>1.</b> Start ...	A number at the beginning of a line indicates a request for action. Carry out these actions in the order specified.
→	Indicates an intermediate result.
➔	Indicates a result.
<b>OK</b>	Indicates text passages or buttons that appear in the program interface. They are shown in bold face.
<u>Chapter</u>	Indicates references to other chapters. They are executed as links and are shown in red and underlined.
[...]	Indicates keyboard shortcuts for entering commands.

## 1.2 About InCD Reader

With InCD Reader, all discs that were created with InCD can be read, even on computers that do not have InCD installed. InCD Reader also assumes the function of the so-called Remapper. The Remapper is necessary if you wish to read MRW-Disks (Mt. - Rainer-Disks) in hard drives that do not support the MRW disc format.

In addition, InCD Reader provides read access to all discs that were created with SecurDisc – even on drives without SecurDisc support.

## **2 Technical information**

### **2.1 System requirements**

#### **2.1.1 Operating systems**

- Windows® 2000
- Windows® XP
- Windows® 2003 Server
- Windows Vista™

#### **2.1.2 Hardware**

CD/DVD recorder that supports write-once and rewritable discs.

## 3 Installation

### 3.1 Installing InCD Reader

When InCD Reader is being installed, the SecurDisc reading feature is automatically installed simultaneously. The following requirements have to be fulfilled:

- You must have administrator rights for the computer on which you want to install or uninstall InCD Reader.


InCD Reader is a standalone application and can be downloaded free of charge from [www.nero.com](http://www.nero.com) or [www.securdisc.net](http://www.securdisc.net).

To install InCD Reader, proceed as follows:

1. Download InCD Reader from [www.nero.com](http://www.nero.com) or [www.securdisc.net](http://www.securdisc.net) to your PC.
2. Close all non-essential Windows® applications and close any anti-virus software which may be running.
3. Double-click on the InCD Reader installation file.
  - ➔ The required files are automatically unzipped and stored on the C:\ drive in a temporary folder from which they are automatically deleted once they have been used. The start screen of the Nero InCD Reader Installation Wizard is displayed.
4. Click on the **Next** button.
  - ➔ The **License Agreement** screen is displayed.
5. Carefully read through the license agreement. If you agree to the terms of the license agreement, click on 'I accept all terms of the preceding License Agreement'. You must accept to install InCD Reader.
6. Click on the **Next** button.
  - ➔ The **Customer Details** screen is displayed.
7. Enter your name in the text boxes, including the name of your company if you are a corporate customer. A serial number has already been entered in the **Serial Number** box. Do not modify this number.
8. Click on the **Next** button.
  - ➔ The **Setup Type** screen is displayed.
9. Select the desired installation type. You can select a **Normal** or **Custom** installation. For InCD Reader, there is no difference between these two options.
10. Click on the **Next** button to continue with the installation.
  - ➔ The **Start Installation** screen is displayed.
11. Click on the **Install** button.
  - ➔ InCD Reader is installed; you can follow the progress of the installation with the progress bar.  
The **Settings** screen is displayed at the end of the installation.
12. Click on the **Next** button.
  - ➔ The final screen of the Installation Wizard is displayed.

13. Click on the **Exit** button.
  - ➔ The Installation Wizard is closed. A dialog box informing you that Windows® has to be restarted is displayed.
14. Click on the **Yes** button.

Your computer is restarted.  
InCD Reader is installed.

As soon as you insert a SecurDisc disc the SecurDisc  icon is available in the system tray.

## 4 Accessing SecurDisc discs

If InCD Reader is installed, the SecurDisc icon appears in the system tray after the computer has been booted and a SecurDisc disc has been inserted. No special link is created in the program directory.

Using the  icon, you can:

- Open the context menu by right-clicking (see [SecurDisc context menu](#))
- Open the **SecurDisc - drive and disc features** window by double-clicking (see [SecurDisc - Options window](#))



The **Always show a notification when a SecurDisc™ disc is inserted** box is checked by default in the **SecurDisc™ - Options** window, which means SecurDisc™ automatically sends a notification when a SecurDisc™ disc is detected in a drive.

In this way access takes place automatically, so to speak.

The windows appropriate to the properties of the detected SecurDisc™ disc for entering a password and/or a digital signature are also displayed. You can enter these conveniently here, after which you can immediately access all data on the SecurDisc™ disc via Explorer.

### 4.1 SecurDisc context menu

The following selection options are available in the context menu:

<b>Drive</b> drop-down menu	Lists all connected drives for selection. A fly-out menu corresponding to the properties of the disc in the drive additionally permits access to the windows for entering a password and digital signature as well as the <b>SecurDisc - Drive and disc features</b> window.
<b>Show supported features</b>	Opens the <b>SecurDisc Drive and disc features</b> window where you define which drive you wish to select, the <b>capabilities</b> of the chosen drive, displays the inserted disc and enter any passwords and digital signatures required as well as check for data manipulation (see <a href="#">SecurDisc - Drive and disc features window</a> ).
<b>Options</b>	Opens the SecurDisc - Options window where you can define whether notifications should always be shown when you insert a disc created using SecurDisc. You can also specify whether the system should prompt for the password for password-protected data upon insertion of the disc (see <a href="#">SecurDisc - Options window</a> )
<b>About...</b>	Shows information about InCD Reader.



### 4.1.1 SecurDisc - Options window

In you can specify how SecurDisc should behave when a SecurDisc disc is inserted.

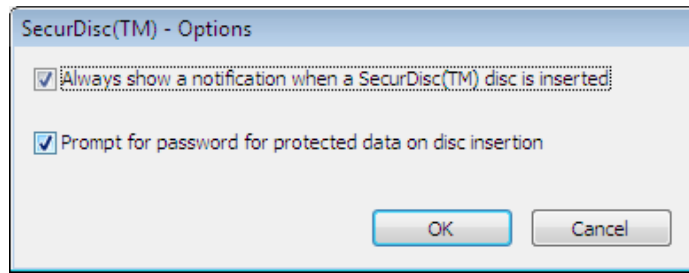


Fig. 1: SecurDisc Options window

The following check boxes are available:

<p><b>Always show a notification when a SecurDisc disc is inserted</b></p>	<p>Displays a window each time a SecurDisc disc is inserted in a connected drive containing the <b>Show disc features</b> button for opening the <b>SecurDisc - Drive and disc features</b> window (see <a href="#">SecurDisc - Drive and disc features window</a>).</p>
<p><b>Prompt for password for protected data on disc insertion</b></p>	<p>Prompts for the password for protected data when the disc is inserted, not just when you want to access the data.</p>

## 4.2 SecurDisc - Drive and disc features window

In the **SecurDisc - Drive and disc features** window you can select the drive you want, display the capabilities of the selected drive, **enter a password** in the **General** area if the disc is password-protected, **confirm a digital signature**, and ascertain whether the files on the disc have been changed since they were last opened.

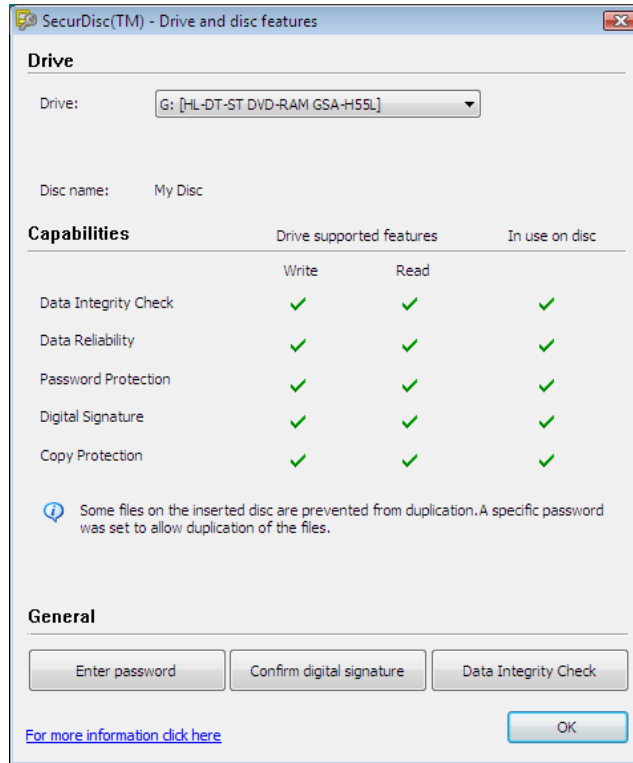


Fig. 2: : SecurDisc - Drive and disc features window

The following information and selection options are available:


Drive area	
<b>Drive drop-down menu</b>	Permits selection of the drive in which the SecurDisc disc was inserted.
<b>Disc name</b>	Shows the name of the disc inserted in the selected drive.
Capabilities area	
<b>Drive supported features column</b>	Lists the read and write capabilities supported by the relevant drive.
<b>In use on disc column</b>	Lists which of these capabilities are used by the inserted disc.

<b>Allow Duplication</b> button	Opens the <b>Allow Duplication</b> window where you can enter a password in the corresponding text box if required to remove the duplication protection for files in PDF format on the disc. This button is only available if a SecurDisc-capable drive is selected, a SecurDisc data DVD is inserted, and files in PDF format on the disc are password-protected against duplication.
<b>General area</b>	
<b>Enter password</b> button	Opens the <b>Data Protection</b> window where you can enter a password in the text box if required to open the disc or the files on the disc. This button is only available if the data on the disc is password-protected.
<b>Confirm digital signature</b> button	Opens the <b>Verify Digital Signature</b> window where you can select and start a suitable public key. This button is only available if the SecurDisc disc is protected with a digital signature.
<b>Altered data detection</b> button	Opens the <b>Detection of Altered Data</b> window where you can check whether the data has been manipulated without permission.

### 4.3 Opening a SecurDisc disc

Access to the SecurDisc disc can be protected with access passwords and/or digital signatures. In addition, PDF files on SecurDisc DVDs can be protected against duplication. . If a retrieval password has been defined, you can remove this duplication protection with InCD Reader.

To do this, proceed as follows:

1. Insert the SecurDisc disc into a drive of the computer on which InCD or InCD Reader is installed.
2. Double click the SecurDisc  icon in the system tray..  
The **SecurDisc - Drive and disc features** window is displayed.



If a SecurDisc disc has already been inserted into a drive which supports SecurDisc technology, this drive will automatically be selected in the **Drive** menu as soon as a SecurDisc disc is inserted again.

3. In the **Drive** drop-down menu, select the drive in which you inserted the SecurDisc disc. The drive in which a SecurDisc disc was last inserted is generally selected by default.  
→ The name of the disc inserted in the chosen drive is displayed in the **Disc name** box. Also displayed in the **Capabilities** area are the properties of the selected drive and the disc it contains.



The **Always show a notification when a SecurDisc disc is inserted** box is checked by default in the **SecurDisc - Options** window, which means SecurDisc™ automatically sends a notification when a SecurDisc™ disc is detected in a drive..

In this way access takes place automatically, so to speak.

The windows appropriate to the properties of the detected SecurDisc disc for entering a password and/or a digital signature are also displayed. You can enter these conveniently here, after which you can immediately access all data on the SecurDisc disc via Explorer.

4. If data on the SecurDisc disc is password-protected, click on the **Enter password** button..  
 → The **Data Protection** window is displayed.

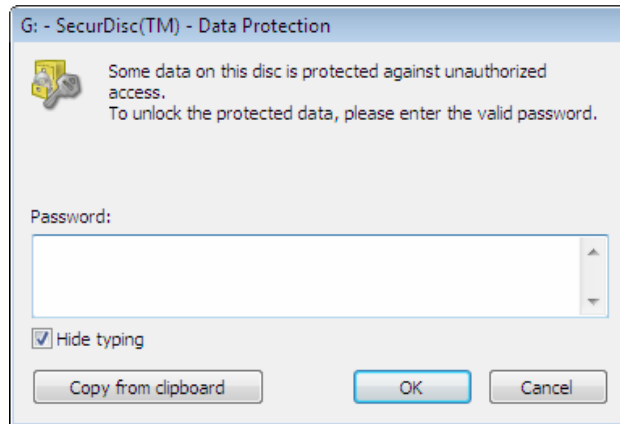


Fig. 3: SecurDisc - Data Protection window

1. Enter the required password in the text box or insert it using the **Copy from clipboard** button.
  2. Click on the **OK** button.  
 → You are returned to the SecurDisc - Drive and disc features window.
5. If the SecurDisc disc is protected by a digital signature, click on the **Confirm digital signature** button.  
 → The **Verify Digital Signature** window is displayed.

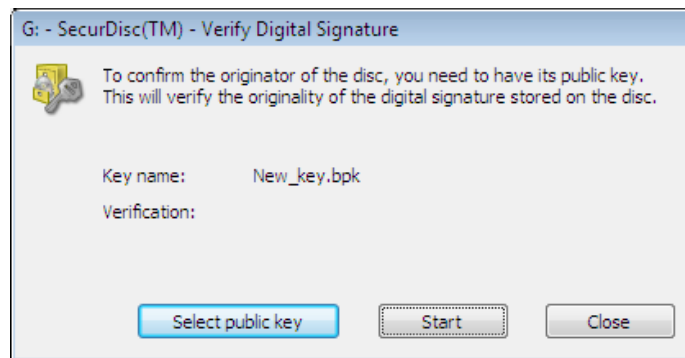


Fig. 4: SecurDisc - Verify Digital Signature window

1. Click on the **Select public key** button.  
 → The **Open** window is displayed.
2. Select the appropriate public key.
3. Click on the **Open** button.  
 → The **Verify Digital Signature** window is displayed once more with the name of the selected public key entered under **Key name**.
4. Click on the **Start** button.  
 → The digital signature is checked using the selected public key. A progress bar keeps you informed of the processing status. The **Close** button is displayed once verification is complete.
5. Click on the **Close** button.

→ The public key has been accepted and the files are ready for you to access. You are returned to the **SecurDisc - Drive and disc features** window.

6. If the PDF file on the SecurDisc DVD has a removeable copy-protection, click the **Allow Duplication** button.

→ The **Allow Duplication** window is displayed.

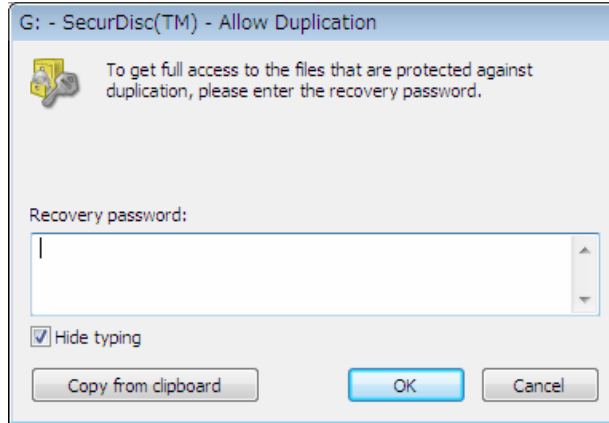


Fig . 5: SecurDisc - Allow Duplication window

6. Enter the required password in the text box or insert it using the **Copy from clipboard** button.
7. Click on the **OK** button.  
→ The copy protection is removed for access.

You are returned to the **SecurDisc - Drive and disc features** window.

7. Click on the **Altered data detection** button to check whether data has been manipulated.  
→ The **Detection of Altered Data** window is displayed..

Checksums are used to determine whether data manipulation has taken place. A progress bar and a growing list of the files examined keep you informed of the progress of the verification process. The **Close<<** button is displayed once verification is complete.

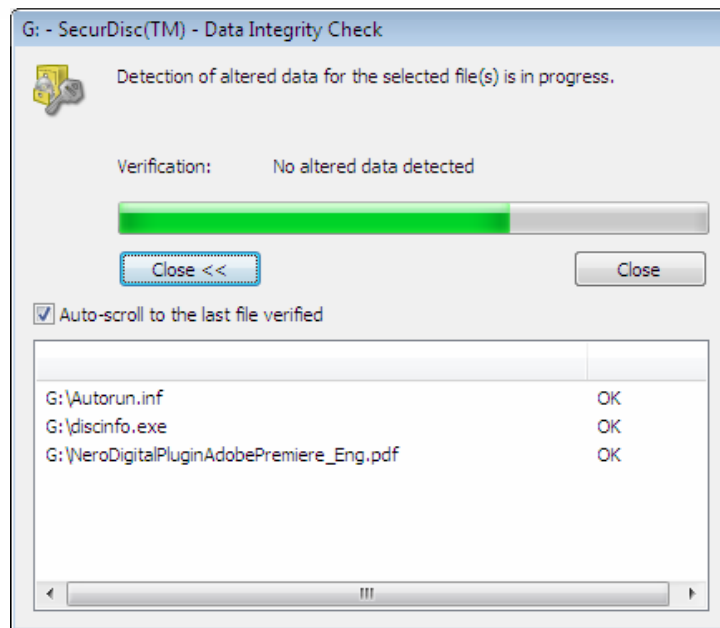


Fig. 6: : SecurDisc - Detection of Altered Data window

1. Click the **Close<<** button.
    - You are returned to the **SecurDisc - Drive and disc features** window.
- You can now open the SecurDisc disc using, for example, Windows Explorer.

## 5 Accessing InCD discs

Once InCD Reader is installed, your computer has all of the drivers it needs for reading discs created with InCD. In the case of MRW discs, InCD Reader performs the required remapper function so that you can open MRW discs as normal and without any problems in Microsoft Windows Explorer™, for example.

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## 7 Contact

### 7.1 Contact details

InCD Reader is a Nero AG product.

# InCD Reader 5

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