
AB-Clock

Manual



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Welcome!

Welcome to AB-Clock!

Wednesday, December 15, 2004 - 15:34:49

This help contains lots of information, pictures and step-by-step references on all AB-Clock [features](#)^[4] and [settings](#)^[5]. You will find notes on [installation](#)^[32] and [uninstallation](#)^[32] and tips on [starting](#)^[5] and [exiting](#)^[5] AB-Clock.

What is AB-Clock?

- AB-Clock ist the indispensable tool for your desktop. The clock in your Windows taskbar shows just the current [date](#)^[7]. Additionally, with AB-Clock you have available much more information, for example the integrated [system monitor](#)^[15] and [download monitor](#)^[17], [calendar](#)^[11], [alarms](#)^[13], [tooltip](#)^[20], [chimes](#)^[21], [world time clock](#)^[25] and much more. All this features let AB-Clock become an efficient assistor in the everyday life with the PC.
- With its unique technology AB-Clock replaces the standard clock in the Windows taskbar. The application is easy to install and to use. It is no problem to [customize](#)^[5] it to your own requirements.

Here you will find further information on the features of AB-Clock:

- [The Menu Commands](#)^[4]
- [The Settings](#)^[5]
- [Buy / Order](#)^[33]
- [Product Support](#)^[34]
- [AB-Clock on the Internet](#)^[34]
- [Contact the Vendor](#)^[34]

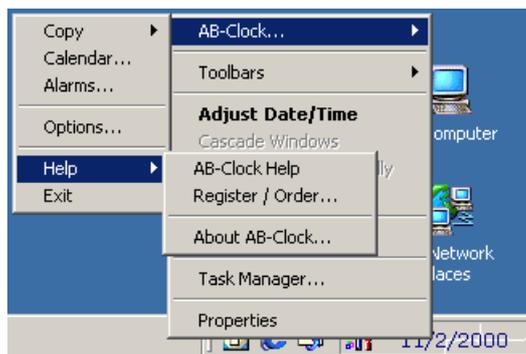
We have spent a lot of work into authoring this online help, because we want to make the start and daily work with our product as comfortable as possible. If you have any suggestions or hints regarding this help application, please do not hesitate to contact us.

AB-Clock Features

The AB-Clock Menu

How to find the AB-Clock menu:

- Use the right mouse button to click on the Windows Clock to display the context menu above the clock. If AB-Clock is actually running, you will find the submenu **AB-Clock** on top of the context menu:



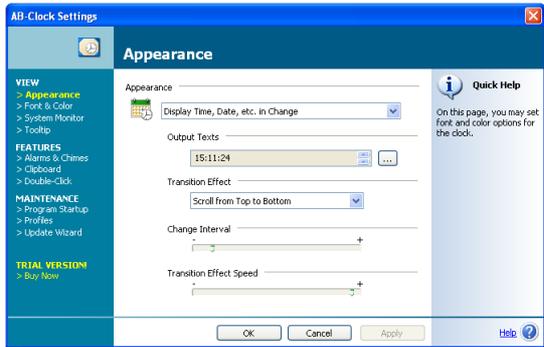
The following menu items are available:

- [Copy](#)^[9]
- [Calendar](#)^[11]
- [Alarms](#)^[13]
- [Settings](#)^[5]
- Help
 - [Contents](#)^[4]
 - [Search by Keyword](#)^[4]
 - [Version Check](#)^[24]
 - Version History
 - [Buy / Order](#)^[33]
 - [AB-Clock on the WWW](#)^[34]
 - [About AB-Clock](#)^[34]
- [Exit](#)^[5]

AB-Clock Settings

How to customize AB-Clock:

- On the [AB-Clock Menu](#)^[4], select **Settings**.



The Settings window contains all possibilities to customize AB-Clock:

VIEW

- [Appearance](#)^[7]
- [Font & Color](#)^[7]
- [System Monitor](#)^[13]
- [Tooltip](#)^[20]

FEATURES

- [Alarms](#)^[13] & [Chimes](#)^[21]
- Clipboard: [Copy](#)^[9], [Calendar](#)^[12]
- [Doubleclick](#)^[20]

MAINTENANCE

- Program Start: [Start](#)^[5], [Exit](#)^[5]
- Profiles: [Profiles](#)^[22], [Export](#)^[22]/[Import](#)^[23]
- [Update Wizard](#)^[24]

Start and Exit AB-Clock

Start AB-Clock

How to start AB-Clock:

- Execute the link to AB-Clock, that has been created on your start menu under **Programs, AB-Clock** on installation.

Note

- It is recommended to start AB-Clock automatically with Windows. Select **Settings** from the [AB-Clock Menu](#)^[4], then **MAINTENANCE, Program Start** and check the **Automatically run AB-Clock with Windows** option. Confirm with **OK**.

Exit AB-Clock

How to terminate AB-Clock:

- Select **Exit** from the [AB-Clock Menu](#)^[4].

Start Parameters

With Start Parameters, you can execute AB-Clock actions or features immediately on program startup, without any user interaction. This way for example, you can execute features through desktop links, that would usually only be available through the [AB-Clock Menu](#).

These Start Parameters are available:

- **/exit**

[Exits](#) AB-Clock. Cannot be combined with other parameters. Only possible, and only makes sense when AB-Clock is already running.

- **/reinit**

Reinitializes the integration of AB-Clock into the Windows taskbar and clock. Call AB-Clock with this parameter when AB-Clock is already running and the clock is not displayed correctly anymore or if you cannot access the AB-Clock menu anymore. Usually you don't need to call this parameter, it is only for emergency use. Cannot be combined with other parameters. Only possible, and only makes sense when AB-Clock is already running.

- **/options**

Opens the [Settings](#) window.

- **/calendar**

Opens the AB-Clock [Calendar](#).

- **/alarms**

Opens the [Alarms](#) window.

- **/copy:<n>**

Equals to an entry on the [Copy](#) submenu. For the first submenu entry, set n to 0, for the second entry to 1 and so on. For example, call AB-Clock with /copy:1 to execute the second Copy submenu entry.

How to use Start Parameters:

- [How to run AB-Clock with Start Parameters](#)
- [How to create a desktop shortcut to AB-Clock with Start Parameters](#)

Syntax:

```
AB-Clock.exe [/exit] | [/reinit] | [/options] [/calendar] [/alarms] [/copy:<n>]
```

Procedures

How to run AB-Clock with Start Parameters

How to run AB-Clock with Start Parameters:

1. On the Windows taskbar, select **Start, Run...**
2. Enter the complete path to AB-Clock and append the start parameters after a blank as you wish. Example: C:\Program Files\AB-Clock\AB-Clock.exe /Options
3. Press **OK**.

How to create a desktop shortcut to AB-Clock with Start Parameters

How to create a desktop shortcut to AB-Clock with Start Parameters:

1. Reduce all visible program windows to get access to the desktop. Right-click on the Windows taskbar and select **Minimize All Windows** to accomplish that.
2. Right-click on the desktop. From the context menu, select **New, Shortcut**.
3. Enter the complete path to AB-Clock as the shortcut's target and append the start parameters after a blank as you like. Example: C:\Program Files\AB-Clock\AB-Clock.exe /Options

4. Press **Next**.
5. Enter a name for the new shortcut. Example: AB-Clock Options
6. Press **Next**. The new shortcut will be created on your desktop. You can run the shortcut by double-clicking.

Clock Appearance

Appearances

You can configure AB-Clock any way you want and display the information you need on your desktop . For example, next to time and date you can display the performance of your system using the so called system monitor. You can display the local time of different countries (world time clock) or the current time in Netbeats, which is independent of your local position.

To avoid the clock consuming too much space on your desktop, you can choose between different options to display the information. You can use the ticker or the intervall scrolling mode.



This example shows the **static** display of time and date. [How this works...](#)^[8]



(Moving to the bottom)

The second example shows the display of time and date **in change**. On the image, you see the change from time to date. [How this works...](#)^[8]



(Moving to the left)

The last example shows the display as a **ticker**. [How this works...](#)^[8]

Notes

- Read the chapter [Customize Appearance](#)^[7] for further information.
- The examples above also show the output of performance data by a [System Monitor](#)^[15] as a diagram in the clock's background.
- You can display more information on the [Tooltip](#)^[20] above the clock.

Customize

How to customize the clock's appearance:

- [How to set the static display of information in the clock](#)^[8]
- [How to set the display to change between different information](#)^[8]
- [How to set the display to show the information as a ticker](#)^[8]
- [How to define the information to be displayed in the clock](#)^[9]
- [How to display the data of the system monitor in the clock](#)^[27]
- [How to display the data of the system monitor in the clock](#)^[25]
- [How to display the time in Netbeats](#)^[28]
- [How to change the font for the clock](#)^[9]
- [How to change the color of the clock](#)^[9]

Note

- Refer to the [Appearances](#)^[7] topic for further information on clock appearances.

Procedures

How to set the static display of information in the clock

How to set the static display of information in the clock:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **VIEW, Appearance**.
3. In the **View** field, select the **Display Time, Date, etc. Statically** option.
4. Close the window by pressing **OK**.

Notes

- You can combine every possible information to be displayed in the clock. Just press the button next to the preview in the **Output Text** field. Read the [Defining Output Texts](#)^[27] topic for more information.

How to set the display to change between different information

How to set the display to change between different information:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **VIEW, Appearance**.
3. In the **View** field, select the **Display Time, Date, etc. in Change** option.
4. In the **Transition Effect** field, select an effect. Effects animate the transition between the different information you want to display.
5. Close the window by pressing **OK**.

Notes

- You can combine every possible information to be displayed in the clock. Just press the button next to the preview in the **Output Text** field. Read the [Multiple Output Texts](#)^[29] and [Defining Output Texts](#)^[27] topics for more information.
- You can customize the **Change Interval** time between the display changes. Select a large value to enlarge the interval. Select a small value to shorten the interval.
- You can customize the **Transition Effect Speed** to affect how long the animation of the transitions will take. Select a larger value to shorten the effect duration, and a smaller value to enlarge the duration.

How to set the display to show the information as a ticker

How to set the display to show the information as a ticker:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **VIEW, Appearance**.
3. In the **View** field, select the **Display Time, Date, etc. as a Ticker** option.
4. In the **Speed** field, you can set how fast the ticker will run. Select a larger value for a faster, a smaller value for a slower speed.
5. In the **Window Width** field, you can set the clock's size within the Windows taskbar. Select a larger value to increase, and a smaller value to decrease the width.
6. Close the window by pressing **OK**.

Note

- You can combine every possible information to be displayed in the clock. Just press the button next to the preview in the **Output Text** field. Read the [Defining Output Texts](#)^[27] topic for more information.

How to define the information to be displayed in the clock

How to define the information to be displayed in the clock:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **VIEW, Appearance**.
3. In the **Output Text** field, press the button next to the preview. You can combine every possible information to be displayed in the clock. Refer to the [Defining Output Texts](#)^[27] topic for more information.
4. Close the window by pressing **OK**.

Note

- If you have set the display of multiple information in [in Change](#)^[8], you can set [Multiple Output Texts](#)^[29] that will then be displayed in change.

How to change the font for the clock

How to change the font for the clock:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **VIEW, Font & Color**.
3. In the **Font** field, press the **Select Font** button next to the preview. Select a font face and size.
4. Close the window by pressing **OK**.

Note

- Press the **Restore Defaults** button to restore the font settings to the system defaults.

How to change the color of the clock

How to change the color of the clock:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **VIEW, Font & Color**.
3. In the **Color** field, press the **Text Color** button. Select a color.
4. In the **Color** field, press the **Background Color** button. Select a color.
5. Close the window by pressing **OK**.

Notes

- Press the **Restore Defaults** button to restore the font settings to the system defaults.
- Windows XP: With a Windows XP Style enabled, this option is not available.

Copy

Using Copy

In one submenu of the [AB-Clock Menu](#)^[4] called Copy, you find several possibilities to copy the current date and time to the Windows clipboard, so you can paste it into other applications, for example a word processor.

You can customize the content of this menu to your personal needs.

Notes

- Refer to the [Customize Copy](#)^[10] topic for further information.

Customize

How to customize the Copy submenu:

- [How to add an entry to the Copy submenu](#)^[10]
- [How to delete an entry from the Copy submenu](#)^[10]
- [How to edit the name of a Copy submenu entry](#)^[10]
- [How to edit the content of a Copy submenu entry](#)^[10]
- [How to edit the order of Copy submenu entries](#)^[10]

Note

- Refer to the [Using Copy](#)^[9] topic for more information.

Procedures

How to add an entry to the Copy submenu

How to add an entry to the Copy submenu:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **FEATURES, Clipboard**.
3. In the **Copy** field, press **Add**.
4. You can create any output text for the new entry. The **output text** is the text that will be copied to the clipboard when you select the entry from the Copy submenu later. Refer to the [Defining Output Texts](#)^[27] topic to learn more.
5. Enter a **name** for the new entry. The name will later be the caption of the submenu entry.
6. Close the window by pressing **OK**.

How to delete an entry from the Copy submenu

How to delete an entry from the Copy submenu:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **FEATURES, Clipboard**.
3. In the **Copy** field, select the entry you wish to delete.
4. In the **Copy** field, press **Delete**.
5. Close the window by pressing **OK**.

How to edit the name of a Copy submenu entry

How to edit the name of a Copy submenu entry:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **FEATURES, Clipboard**.
3. In the **Copy** field, select the entry you wish to edit.
4. In the **Copy** field, press **Properties**.
5. You can create any output text for the new entry. The **output text** is the text that will be copied to the clipboard when you select the entry from the Copy submenu later. Refer to the [Defining Output Texts](#)^[27] topic to learn more.
6. Close the window by pressing **OK**.

How to edit the content of a Copy submenu entry

How to edit the content of a Copy submenu entry:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **FEATURES, Clipboard**.
3. In the **Copy** field, select the entry you wish to edit.
4. Once again, click on the entry. You can now edit the entry like you edit a filename in Windows Explorer.
5. Finish editing by pressing the **Enter** key.
6. Close the window by pressing **OK**.

How to edit the order of Copy submenu entries

How to edit the order of Copy submenu entries:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **FEATURES, Clipboard**.
3. In the **Copy** field, select the entry you wish to move.
4. In the **Copy** field, press **Move Up** or **Move Down** to move the entry.
5. Close the window by pressing **OK**.

Calendar

Using Calendar

With the AB-Clock Calendar, you have a handy months calendar available. Call the calendar by selecting **Calendar** from the [AB-Clock Menu](#)^[4].



Notes

- Click on the month name in the calendar header to select another month. Click the arrows on the left and right of the month name to select the previous or next month.
- By dragging the calendar window frames with the mouse, you can vary the calendar size. This way, you can display multiple months at the same time.
- Common holidays are highlighted. Move the mouse cursor above a holiday to get the holiday's name in a tooltip. The current date is highlighted by a frame.
- You can [customize](#)^[12] the calendar to your personal needs. Right-click on the titlebar of the calendar and select **Show Week Numbers** to show or hide the week numbers.
- If you have selected a date on the calendar (by double-clicking or by single-clicking and confirming with the Enter key), the selected date will be copied to the clipboard.

Customize

How to customize the calendar:

- [How to display multiple months at the same time](#)^[12]
- [How to display or hide the week numbers on the calendar](#)^[12]
- [How to set the text to be copied to the clipboard after selecting a calendar date](#)^[12]

Note

- Refer to the [Using Calendar](#)^[11] topic for more information.

Procedures

How to display multiple months at the same time

How to display multiple months at the same time:

1. On the [AB-Clock Menu](#)^[4], select **Calendar**.
2. Move the mouse cursor above the frame of the calendar window. The cursor will become a horizontal or vertical arrow.
3. Press the left mouse button and hold the button pressed. Now, drag the window frame with the mouse to size the calendar windows. According to the window size, multiple months will be displayed side by side and/or one upon the other.

How to display or hide the week numbers on the calendar

How to display or hide the week numbers on the calendar:

1. On the [AB-Clock Menu](#)^[4], select **Calendar**.
2. Right-click on the calendar window's title bar.
3. Select or deselect **Show Week Numbers**.

How to set the text to be copied to the clipboard after selecting a calendar date

How to set the text to be copied to the clipboard after selecting a calendar date:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **FEATURES, Clipboard**.
3. In the **Calendar** field, press the button next to the preview.
4. You can create any output text for the calendar. The **output text** is the text that will be copied to the clipboard when you select a date on the calendar. Refer to the [Defining Output Texts](#)^[27] topic to learn more.
5. Close the window by pressing **OK**.

Alarms

Using Alarms

Use the AB-Clock Alarms to be reminded on dates or appointments.

At the alarm time, AB-Clock will display an alarm window.
When set, a sound will be played, too.

Please read the following topics to learn more about using alarms:

- [How to set a new alarm](#)^[13]
- [How to delete an alarm](#)^[14]
- [Customize Alarms](#)^[13]

You can deactivate alarm times that you currently don't need and reactivate later:

- [How to deactivate an alarm](#)^[14]
- [How to activate an alarm](#)^[13]

Customize

How to customize alarms:

- [How to activate the alarm sound](#)^[14]
- [How to deactivate the alarm sound](#)^[14]
- [How to select an alarm sound](#)^[15]

Note

- Refer to the [Using Alarms](#)^[13] topic for further information.

Procedures

How to set a new alarm

How to set a new alarm:

1. On the [AB-Clock Menu](#)^[4], select **Alarms**.
2. Select **New Alarm**.
3. Enter the alarm date and time and a description text.
4. Press **Add**.
5. Close the window by pressing **OK**.

Note

- Refer to the [Using Alarms](#)^[13] topic for further information.

How to activate an alarm

How to activate an alarm:

1. On the [AB-Clock Menu](#)^[4], select **Alarms**.
2. Select **All Alarms**.
3. Activate the alarm in the list by checking the **checkbox** in front of the alarm title.

4. Close the window by pressing **OK**.

Note

- To activate a new alarm, [set a new alarm](#)^[13].

How to deactivate an alarm**How to deactivate an alarm:**

1. On the [AB-Clock Menu](#)^[4], select **Alarms**.
2. Select **All Alarms**.
3. Deactivate the alarm in the list by unchecking the **checkbox** in front of the alarm title.
4. Close the window by pressing **OK**.

Note

- To remove an alarm, [delete](#)^[14] the alarm.

How to delete an alarm**How to delete an alarm:**

1. On the [AB-Clock Menu](#)^[4], select **Alarms**.
2. Select **All Alarms**.
3. Select the alarm you want to delete from the list.
4. Press **Delete**.
5. Close the window by pressing **OK**.

Note

- You can also temporarily [deactivate](#)^[14] an alarm.

How to activate the alarm sound**How to activate the alarm sound:**

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **FEATURES, Alarms & Chimes**.
3. Check the **Alarms with Sound** option.
4. If no sound is set for alarms, [select a sound file](#)^[15].
5. Close the window by pressing **OK**.

How to deactivate the alarm sound**How to deactivate the alarm sound:**

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **FEATURES, Alarms & Chimes**.
3. Uncheck the **Alarms with Sound** option.

4. Close the window by pressing **OK**.

How to select an alarm sound

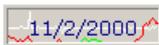
How to select an alarm sound:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **FEATURES, Alarms & Chimes**.
3. In the **Alarms with Sound** field, press the button next to the preview.
4. Select a sound file. For example, you will find sound files in the Media subfolder of your Windows installation folder, i.e. under C:\Windows\Media or C:\WinNT\Media (Windows NT, Windows 2000). Sound files usually have the .wav extension.
5. Press the **Play** button to preview the sound.
6. Close the window by pressing **OK**.

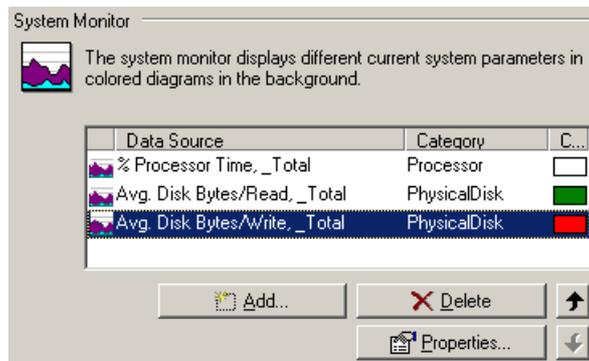
System Monitor

Using System Monitor

System Monitors graphically display performance data from your system in real time. They are displayed as a colored diagram in the background of the clock. This way you can review your system performance at any time. Performance data to be displayed are, for example, processor load, memory available, read and write accesses on files, download and upload speed and many more. The operating system provides this data, so the available performance data depends on the operating system and varies from system to system.



In this example, three system monitors are active. The white curve displays the processor load and so indicates active calculations. The green curve shows read, and the red curve shows write access to the hard disk.



With AB-Clock, you can customize which system monitors you'd like to see. You can display multiple system monitors at the same time in different colors. You can also set the order in which the graphs are drawn and how often the performance data should be refreshed.

Notes

- Refer to the [Customize System Monitor](#)^[16] topic for further information.
- Please understand that querying the performance data is also workload for the system.
- See the [Examples](#)^[17] of typical system monitors.

Customize

How to customize the System Monitor:

- [How to activate a system monitor](#)^[18]
- [How to deactivate a system monitor](#)^[18]
- [How to edit the data source of a system monitor](#)^[18]
- [How to edit the color of a system monitor](#)^[18]
- [How to edit the scaling of a system monitor](#)^[19]
- [How to edit the order of system monitors](#)^[19]
- [How to edit the refresh interval of the system monitor](#)^[19]

Some references on how to set up typical system monitors:

- [How to set up a download monitor in AB-Clock](#)^[17]
- [How to set up typical system monitors in AB-Clock](#)^[17]

Notes

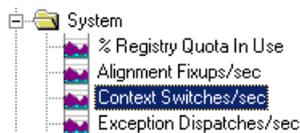
- Refer to the [Using System Monitor](#)^[15] for further information.
- Please understand that querying the performance data is also workload for the system.

Select a System Monitor

The **Select Data Source** window allows the selection of a data source for a system monitor. Each system monitor needs to have exactly one data source configured to make sure which performance data has to be displayed by the monitor.

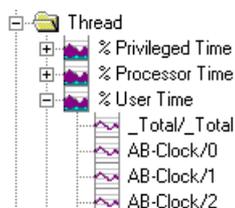
For a better overview, the possible data sources are categorized. Possible **categories** are for example: Processor, Physical Data Storage Devices or Process. Available categories and data sources vary from system to system, depending on the operating system and installed system components.

The categories contain the data sources. For example, the System category contains a data source Bytes read/s.



Expand or collapse categories by clicking the + or - signs in front of the category names. By selecting a data source, the window's quickhelp area will display additional information on the selected data source. For example, the description of this data source is "Amount of read Bytes from read accesses in the file system by all periferic devices [...]".

There are also some sub-partitioned data sources. These data sources contain so called **instances** of data source. For example, specific data can be displayed in sum for the whole system (This instance is usually labeled **_Total**), or for a specific system component. This can be a hardware component (i.e. one of the processors of a multi-processor machine, a specific hard drive or port). It can also be a process or thread currently running, that can be inspected seperately this way.



Again, the instances of such a data source can be expanded or collapsed by clicking the + or - signs in front of the source names. In the example, the User Time of a certain Thread of the AB-Clock Process is displayed.

Note

- Available categories and data sources vary from system to system, depending on the operating system and installed system components. The data source names can also vary.

Set up a Download Monitor

How to set up a download monitor in AB-Clock:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **VIEW, System Monitor**.
3. Press **Add**.
4. Select the system monitor **data source**:

On Windows 2000/2003/XP:

Category RAS Total, Data source Bytes Received/Sec

On Windows 95/98/Me:

Category Dial-Up Adapter, Data source Bytes Received/Sec

On Windows NT 4:

Category RAS, Data source Bytes received/s

Refer to the [Select a System Monitor](#)^[16] topic for more hints.

5. Close the windows by pressing **OK**.

Notes

- You can set up an upload monitor the same way. Then, select the adequate data sources Bytes read/s.
- Refer to [Customize System Monitor](#)^[16] on how to set the color of the system monitor.
- Refer to the [Using System Monitor](#)^[15] topic for further information.

Set up typical System Monitors

How to set up typical system monitors:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **VIEW, System Monitor**.
3. Press **Add**.
4. Select the system monitor **data source**. Some useful monitors are for example:

On Windows 2000/2003/XP:

- Processor load: Category Processor, Data source % Processor Time.
- Hard disk write access: Category Physical Disk, Data source Bytes Written/Sec.
- Hard disk read access: Category Physical Disk, Data source Bytes Read/Sec.
- Download speed: Category RAS Total, Data source Bytes Received/Sec.
- Upload speed: Category RAS Total, Data source Bytes Transmitted/Sec.

On Windows 95/98/Me:

- Processor load: Category Kernel, Data source % Processor Time.
- Hard disk write access: Category File System, Data source Bytes written/sec.
- Hard disk read access: Category File System, Data source Bytes read/sec.
- Download speed: Category Dial-Up Adapter, Data source Bytes received/sec.
- Upload speed: Category Dial-Up Adapter, Data source Bytes transmitted/sec.

On Windows NT 4:

- Processor load: Category Processor, Data source % Processor Time.
- Hard disk write access: Category Physical Disk, Data source Bytes written/sec.
- Hard disk read access: Category Physical Disk, Data source Bytes read/sec.
- Download speed: Category RAS, Data source Bytes received/s.
- Upload speed: Category RAS, Data source Bytes transmitted/s.

Refer to the [Select a System Monitor](#)^[16] topic for more hints.

5. Close the windows by pressing **OK**.

Notes

- Refer to [Customize System Monitor](#)^[16] on how to set the color of the system monitor.

- Refer to the [Using System Monitor](#)^[15] topic for further information.

Procedures

How to activate a system monitor

How to activate a system monitor:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **VIEW, System Monitor**.
3. Press **Add**.
4. Select the system monitor **data source**. Refer to the [Select a System Monitor](#)^[16] topic for more hints.
5. Close the windows by pressing **OK**.

Note

- See the [Examples](#)^[17] of typical system monitors.

How to deactivate a system monitor

How to deactivate a system monitor:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **VIEW, System Monitor**.
3. Select the system monitor you wish to deactivate.
4. Press **Delete**.
5. Close the windows by pressing **OK**.

How to edit the data source of a system monitor

How to edit the data source of a system monitor:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **VIEW, System Monitor**.
3. Select the system monitor you wish to edit.
4. Press **Properties**.
5. Select another **data source** for the system monitor. Refer to the [Select a System Monitor](#)^[16] topic for more hints.
6. Close the windows by pressing **OK**.

How to edit the color of a system monitor

How to edit the color of a system monitor:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **VIEW, System Monitor**.
3. Select the system monitor you wish to edit.
4. Press **Properties**.
5. Select **Appearance**.

6. Select a **Color**.
7. Close the windows by pressing **OK**.

How to edit the scaling of a system monitor

How to edit the scaling of a system monitor:

1. On the [AB-Clock Menu](#) ^[4], select **Settings**.
2. Select **VIEW, System Monitor**.
3. Select the system monitor you wish to edit.
4. Press **Properties**.
5. Select **Appearance**.
6. In the **Scaling** field, select **Fixed** and enter a maximum value for the scaling.
7. Close the windows by pressing **OK**.

How to edit the order of system monitors

How to edit the order of system monitors:

1. On the [AB-Clock Menu](#) ^[4], select **Settings**.
2. Select **VIEW, System Monitor**.
3. Select the system monitor you wish to move.
4. Press **Move Up** or **Move Down** to move the system monitor.
5. Close the windows by pressing **OK**.

How to edit the refresh interval of the system monitor

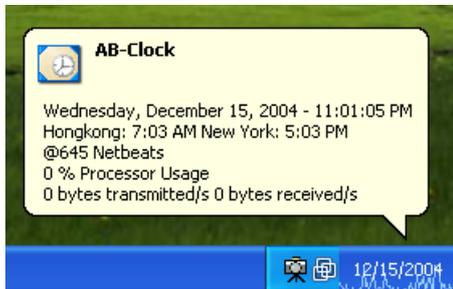
How to edit the refresh interval of the system monitor:

1. On the [AB-Clock Menu](#) ^[4], select **Settings**.
2. Select **VIEW, System Monitor**.
3. Enter a value for the **Refresh Interval**. The predefined value is 500 ms (1/2 second).
4. Close the windows by pressing **OK**.

Tooltip

Using Tooltip

The Tooltip is the hint window that appears as soon as you move the mouse cursor above the clock. With AB-Clock, you can [customize](#)^[20] the information to be displayed in the tooltip.



In the example, the tooltip displays the current date and local time, and additionally the time in New York and Hongkong, the time in Netbeats and some data from the System Monitor and Download Monitor.

Customize

How to customize the tooltip:

- [How to customize the tooltip content](#)^[20]

Note

- Refer to the [Using Tooltip](#)^[20] topic for further information.

Procedures

How to customize the tooltip content

How to customize the tooltip content:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **VIEW, Tooltip**.
3. In the **Tooltip above the Clock** field, press the button next to the preview.
4. You can create any output text for the tooltip. Refer to the [Defining Output Texts](#)^[27] topic to learn more.
5. Close the window by pressing **OK**.

Double-Click

Double-Click Feature

How the Double-Click Feature works:

You can customize which feature should be executed on a double click with the mouse on the clock in the Windows taskbar.

- [How to customize the double-click feature](#)^[21]

Procedures

How to customize the double-click feature

How to customize the double-click feature:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **FEATURES, Double-Click**.
3. From the list, select the feature you want to be executed on a double-click onto the clock.
4. Close the window by pressing **OK**.

Chimes

Using Chimes

Chimes are sounds, AB-Clock plays hourly, half-hourly or quarterly. By activating chimes, you will be acoustically notified at these events.

Note

- Refer to the [Customize Chimes](#)^[2] topic for further information.

Customize

How to customize chimes:

- [How to activate chimes](#)^[2]
- [How to deactivate chimes](#)^[2]
- [How to select a sound for chimes](#)^[2]

Note

- Refer to the [Using Chimes](#)^[2] topic for further information.

Procedures

How to activate chimes

How to activate chimes:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **FEATURES, Alarms & Chimes**.
3. In the **Chimes** field, activate the chimes as you like (hourly, half-hourly, quarterly) by checking the options.
4. If no sound is set for the event, [select a sound file](#)^[2].
5. Close the window by pressing **OK**.

How to deactivate chimes

How to deactivate chimes:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **FEATURES, Alarms & Chimes**.
3. In the **Chimes** field, deactivate the chimes as you like (hourly, half-hourly, quarterly) by unchecking the options.
4. Close the window by pressing **OK**.

How to select a sound for chimes

How to select a sound for chimes:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **FEATURES, Alarms & Chimes**.
3. In the **Chimes** field, press the button next to the preview.
4. Select a sound file. For example, you will find sound files in the Media subfolder of your Windows installation folder, i.e. under C:\Windows\Media or C:\WinNT\Media (Windows NT, Windows 2000). Sound files usually have the .wav extension.
5. Press the **Play** button to preview the sound.
6. Close the window by pressing **OK**.

Profile

Using Profiles

With profiles, you can save all AB-Clock settings und one name and recall them later.

How to use profiles:

- [How to save all settings to a profile](#)^[23]
- [How to restore the settings from a profile](#)^[23]
- [How to delete a profile](#)^[23]

Note

- In profiles, all user-specific AB-Clock settings are saved. Installation or registration (unlock) data, and the option for the automatic start with Windows are not saved within profiles.

Export Settings

By exporting the current settings, all AB-Clock preferences can be saved to a single file. These settings can then be imported and restored later, or on another machine.

How to work with the settings export:

- [How to export all current settings to a file](#)^[23]
- [How to import the settings from a file](#)^[24]

Note

- All user-specific AB-Clock settings are exported. Installation or registration (unlock) data, and the option for the automatic start with Windows are not exported.

Import Settings

By an import, all settings that have been previously exported, or exported on another machine, can be restored.

How to work with the settings import:

- [How to import the settings from a file](#)^[24]
- [How to export all current settings to a file](#)^[23]

Note

- All user-specific AB-Clock settings are restored. Installation or registration (unlock) data, and the option for the automatic start with Windows are not restored.

Procedures

How to save all settings to a profile

How to save all settings to a profile:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **MAINTENANCE, Profiles**.
3. In the **Profiles** field, press **Save As...**
4. Enter a profile **name**. Later on, you can restore the settings using this name. Press **OK**.

How to restore the settings from a profile

How to restore the settings from a profile:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **MAINTENANCE, Profiles**.
3. In the **Profiles** field, select the profile you wish to restore.
4. Close the window by pressing **OK**.

How to delete a profile

How to delete a profile:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **MAINTENANCE, Profiles**.
3. In the **Profiles** field, select the profile you wish to delete.
4. In the **Profiles** field, press **Delete**.

How to export all current settings to a file

How to export all current settings to a file:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **MAINTENANCE, Profiles**.
3. In the **Export/Import Settings** field, press **Export...**

4. Enter the **filename** to save the settings to. The file will automatically get the .reg extension.

How to import the settings from a file

How to import the settings from a file:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **MAINTENANCE, Profiles**.
3. In the **Export/Import Settings** field, press **Import...**
4. Select the file to import the settings from. The file will usually have a .reg extension.
5. Close the window by pressing **OK**.

Update Wizard

The Update Wizard

Always up-to-date using the Update Wizard:

The Update Wizard connects weekly or monthly (on your demand) with the internet and checks if a more current version is available. If a more current version has been found, the wizard will ask you if you want to download and install the update. In this case, the wizard will completely execute the update installation.

[How to customize the automatic version check](#)^[24]

[How to execute the version check manually](#)^[24]

[How to install an update without using the update wizard](#)^[25]

Notes

- Alternatively to using the update wizard, you can also download product update from our [website](#)^[34].
- It is not necessary to uninstall AB-Clock for installing a new version of the program
- The new version of AB-Clock will use the previous settings.

Procedures

How to customize the automatic version check

How to customize the automatic version check:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **MAINTENANCE, Update Wizard**.
3. Under **Version Check**, select the interval for the update wizard to check for a new version, or deactivate the automatic checks.
4. Close the window by pressing **OK**.

How to execute the version check manually

How to execute the version check manually:

1. On the [AB-Clock Menu](#)^[4] select **Help, Version Check**.
2. Follow the wizard's instructions.

How to install an update without using the update wizard

How to install an update without using the update wizard:

1. Download the current product version from our [website](#)^[34].
2. [Exit](#)^[51] AB-Clock.
3. Execute the **AB-Clock.exe** file, containing the current product version, for example by double-clicking the file in Windows Explorer.
4. Install the program in the same directory you have had installed AB-Clock previously.

Notes

- It is not necessary to uninstall AB-Clock for installing a new version of the program
- The new version of AB-Clock will use the previous settings.

Typical Procedures

How to display a download monitor graph

How to set up a download monitor in AB-Clock:

1. On the [AB-Clock Menu](#)^[41], select **Settings**.
2. Select **VIEW, System Monitor**.
3. Press **Add**.
4. Select the system monitor **data source**:

On Windows 2000/2003/XP:

Category RAS Total, Data source Bytes Received/Sec

On Windows 95/98/Me:

Category Dial-Up Adapter, Data source Bytes Received/Sec

On Windows NT 4:

Category RAS, Data source Bytes received/s

Refer to the [Select a System Monitor](#)^[16] topic for more hints.

5. Close the windows by pressing **OK**.

Notes

- You can set up an upload monitor the same way. Then, select the adequate data sources Bytes read/s.
- Refer to [Customize System Monitor](#)^[16] on how to set the color of the system monitor.
- Refer to the [Using System Monitor](#)^[15] topic for further information.

How to display a specific local time

How to display a specific local time:

1. On the [AB-Clock Menu](#)^[41], select **Settings**.
2. Select **VIEW, Appearance**.
3. If you have selected the **Display Clock, Date, etc. in Change** option, proceed as follows: In the **Output Texts** field, press the button next to the preview. Press **Add**. If you have selected another option, proceed as follows: In the **Output Text** field, press the button next to the preview.
4. Press **Add**. From the menu, select **Time**.
5. Press **Properties**.
6. Select **Time Zone**.

7. Activate the **Use Different Time Zone than System Default** option.
8. Select a time zone from the list or click on the location on the world map.
9. Close all windows by pressing **OK**.

Note

- You can customize the way, the time is displayed. Please refer to the [Output Texts](#)^[27] and [Time in Output Texts](#)^[28] topics.

How to display the time in netbeats

How to display the time in netbeats:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **VIEW, Appearance**.
3. If you have selected the **Display Clock, Date, etc. in Change** option, proceed as follows: In the **Output Texts** field, press the button next to the preview. Press **Add**. If you have selected another option, proceed as follows: In the **Output Text** field, press the button next to the preview.
4. Press **Add**. From the menu, select **Netbeats**.
5. Close all windows by pressing **OK**.

Notes

- Please refer to the [Netbeats in Output Texts](#)^[28] topic for more information on the netbeat as an internet time.

How to set up typical system monitors

How to set up typical system monitors:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **VIEW, System Monitor**.
3. Press **Add**.
4. Select the system monitor **data source**. Some useful monitors are for example:

On Windows 2000/2003/XP:

- Processor load: Category Processor, Data source % Processor Time.
- Hard disk write access: Category Physical Disk, Data source Bytes Written/Sec.
- Hard disk read access: Category Physical Disk, Data source Bytes Read/Sec.
- Download speed: Category RAS Total, Data source Bytes Received/Sec.
- Upload speed: Category RAS Total, Data source Bytes Transmitted/Sec.

On Windows 95/98/Me:

- Processor load: Category Kernel, Data source % Processor Time.
- Hard disk write access: Category File System, Data source Bytes written/sec.
- Hard disk read access: Category File System, Data source Bytes read/sec.
- Download speed: Category Dial-Up Adapter, Data source Bytes received/sec.
- Upload speed: Category Dial-Up Adapter, Data source Bytes transmitted/sec.

On Windows NT 4:

- Processor load: Category Processor, Data source % Processor Time.
- Hard disk write access: Category Physical Disk, Data source Bytes written/sec.
- Hard disk read access: Category Physical Disk, Data source Bytes read/sec.
- Download speed: Category RAS, Data source Bytes received/s.
- Upload speed: Category RAS, Data source Bytes transmitted/s.

Refer to the [Select a System Monitor](#)^[16] topic for more hints.

5. Close the windows by pressing **OK**.

Notes

- Refer to [Customize System Monitor](#)^[16] on how to set the color of the system monitor.
- Refer to the [Using System Monitor](#)^[15] topic for further information.

How to display data from a system monitor in the clock

How to display data from a system monitor in the clock:

1. On the [AB-Clock Menu](#)^[4], select **Settings**.
2. Select **VIEW, Appearance**.
3. If you have selected the **Display Clock, Date, etc. in Change** option, proceed as follows: In the **Output Texts** field, press the button next to the preview. Press **Add**. If you have selected another option, proceed as follows: In the **Output Text** field, press the button next to the preview.
4. Press **Add**. From the menu, select **System Monitor**.
5. Select a **data source**. Please refer to [Select a System Monitor](#)^[16] for more hints.
6. Close all windows by pressing **OK**.

Note

- Available categories and data sources vary from system to system, depending on the operating system and installed system components. The data source names can also vary. See the [Examples](#)^[17] of typical system monitors

How to set a new alarm

How to set a new alarm:

1. On the [AB-Clock Menu](#)^[4], select **Alarms**.
2. Select **New Alarm**.
3. Enter the alarm date and time and a description text.
4. Press **Add**.
5. Close the window by pressing **OK**.

Note

- Refer to the [Using Alarms](#)^[13] topic for further information.

Reference

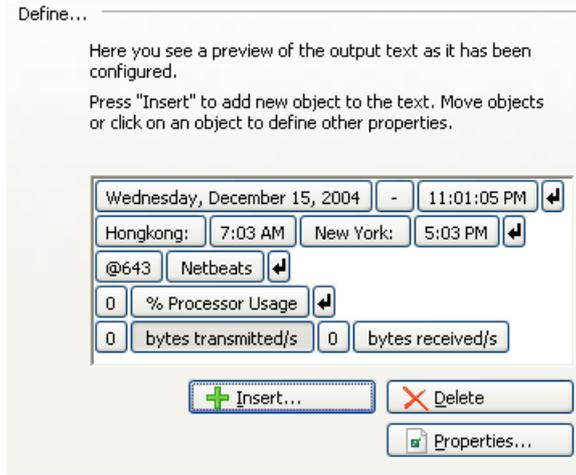
Output Texts

Defining Output Texts

Free definable Output Texts allow to customize different product features. By defining output texts, you can define which information that feature shall display.

A typical example for an output text is the date and time output. By defining an output text, you can for example define the format for the date and time output. Depending on the feature, other output texts are available, like data from a system monitor, or product specific information.

This is an extended example of an output text:



This example defines five lines of text. The first line contains date and time. The second line contains the local time of two locations in different time zones, the third line the time in location independent netbeats. The last two lines contain data from system monitors on processor load and a remote access connection.

How to define an output text:

- [How to insert an element into an output text](#)^[30]
- [How to delete an element from an output text](#)^[30]
- [How to change the order of elements in an output text](#)^[30]
- [How to edit an output text element's properties](#)^[30]

Element Type for Output Texts: Date

Use the **Date** element type to output the current date in your preferred format.

How to customize the element's properties:

- Defining the date format is adequate to [Defining an Output Text](#)^[27].
- [How to change the time zone \(world time\)](#)^[31]

Element Type for Output Texts: Time

Use the **Time** element type to output the current time in your preferred format.

How to customize the element's properties:

- Defining the time format is adequate to [Defining an Output Text](#)^[27].
- [How to change the time zone \(world time\)](#)^[31]

Element Type for Output Texts: Netbeats

Use the **Netbeats** element to output the current internet time.

The Netbeat is the location-independent, international time standard, defined from the "inventor" of the internet time, the Swiss clock manufacturer Swatch.

1000 Netbeats make one day, so one Netbeat equals to 86.4 seconds. So, the internet time @500 for example, means 12 o'clock noon. The Netbeat time does not care about time zones, the internet time @0 is defined to 12pm Central European Wintertime.

Element Type for Output Texts: Text

Use the **Text** element to output a free, single line of text.

Element Type for Output Texts: Line Feed

Use the **Line Feed** element to insert line feeds into your output text.

Element Type for Output Texts: System Monitor

Use the **System Monitor** element to output data from system performance monitors.

How to customize the element's properties:

- [How to select a system monitor](#)^[16]

Element Type for Output Texts: User Name

Use the **User Name** element to output the name of the currently logged on user.

Element Type for Output Texts: Computer Name

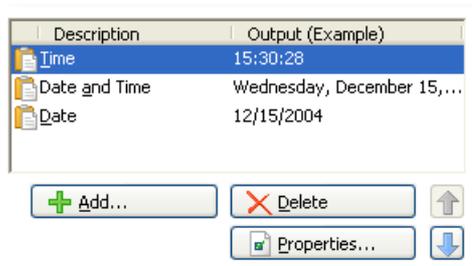
Use the **Computer Name** element to output the name of the computer.

Defining Multiple Output Texts

Free definable Output Texts allow to customize different product features. By defining output texts, you can define which information that feature shall display.

A typical example for an output text is the date and time output. By defining an output text, you can for example define the format for the date and time output. Depending on the feature, other output texts are available, like data from a system monitor, or product specific information. Multiple Output Texts are a group or a selection of output texts.

This is an example of multiple output texts:



This example defines three different output texts. Each of them represents the date and/or time in different formats.

How to use multiple output texts:

- [How to insert an output text](#)^[31]
- [How to delete an output text](#)^[31]
- [How to change the order of output texts](#)^[31]
- [How to edit an output text](#)^[31]
- [How to edit the name of an output text](#)^[32]

Procedures

How to insert an element into an output text

How to insert an element into an output text:

1. In the **Define Output Text** window, press **Insert**.
2. Select the type of the element you want to insert.

Notes

- Depending on the element type, elements have [Properties](#)^[30] to customize.
- You can change the position of the new output text element by [Moving](#)^[30].

How to delete an element from an output text

How to delete an element from an output text:

1. In the **Define Output Text** window, select the element you wish to delete by clicking on it with the mouse.
2. Press **Delete**.

How to change the order of elements in an output text

How to change the order of elements in an output text:

1. In the **Define Output Text** window, select the element you wish to move by clicking on it with the mouse.
2. Hold the left mouse button pressed and move the mouse cursor to the destination. Then, release the mouse button.

How to edit an output text element's properties

How to edit an output text element's properties:

1. In the **Define Output Text** window, select the element you wish to edit by clicking on it with the mouse.
2. Press **Properties**.

Notes

- Not all element types offer properties.

How to change the time zone (world time)

How to change the time zone (world time):

1. Select **Time Zone**.
2. Activate the **Use other Time Zone than Default** option.
3. Select a time zone from the list or click on a location on the world map.

How to insert an output text

How to insert an output text:

1. the **Define Output Text** window, press **Insert**.
2. Define the new output text. Please refer to the hints in [Defining Output Texts](#)^[27].
3. Close the windows by pressing **OK**.
4. Enter a **name** for the new element.

Note

- You can change the position of the output text by [Moving](#)^[31].

How to delete an output text

How to delete an output text:

1. In the **Define Output Text** window, select the element you wish to delete by clicking on it with the mouse.
2. Press **Delete**.

How to change the order of output texts

How to change the order of output texts:

1. In the **Define Output Text** window, select the element you wish to move by clicking on it with the mouse.
2. Press the **Move Up** or **Move Down** buttons to move the element.

How to edit an output text

How to edit an output text:

1. In the **Define Output Text** window, select the element you wish to edit by clicking on it with the mouse.
2. Press **Properties**.
3. Edit the output text. Please refer to the hints in [Defining Output Texts](#)^[27].
3. Close the window by pressing **OK**.

Note

- You can also [change the name](#)^[32] of the output text.

How to edit the name of an output text

How to edit the name of an output text:

1. In the **Define Output Text** window, select the element you wish to edit by clicking on it with the mouse.
2. Once again click on the element (like when renaming file in Windows Explorer).
3. Enter the new name.
4. Confirm your changes by pressing the **Enter** key.

Note

- You can also [change the content](#)^[37] of the output text.

Install, Uninstall, Update

Install AB-Clock

How to install AB-Clock on your computer:

1. AB-Clock will usually be deployed in one file called AB-Clock.exe . To install the program execute this file, for example with a double click on the file in Windows Explorer. In case you have obtained the program on a disc, insert the disc, go to Start/Run and type in D:Setup (Replace D with your disk drive letter).
2. The installation program will guide you through the complete installation process. It will provide for copying of the files onto your harddisk and will perform the setup of the program. Whenever you will have doubts on answering the questions you can use simply the default values. All settings can be modified later on.

Note

- System requirements: Windows 98, ME, NT 4, 2000, 2003 oder XP

Uninstall AB-Clock

How to remove AB-Clock from your computer:

1. [Exit](#)^[5] AB-Clock.
2. Open the Control Panel and select Add/Remove Programs (Start, Settings, Control Panel, Add/Remove Programs). Click here to invoke the control panel applet right now:  Add/Remove Programs
3. From the list of installed products, select AB-Clock and press Change/Remove. This way, AB-Clock will be completely removed from your system.

Note

- AB-Clock does not change and Windows system files!

Updates

Always up-to-date using the Update Wizard:

The Update Wizard connects weekly or monthly (on your demand) with the internet and checks if a more current version is available. If a more current version has been found, the wizard will ask you if you want to download and install the update. In this case, the wizard will completely execute the update installation.

[How to customize the automatic version check](#)^[24]

[How to execute the version check manually](#)^[24]

[How to install an update without using the update wizard](#)^[25]

Notes

- Alternatively to using the update wizard, you can also download product update from our [website](#)^[33].
- It is not necessary to uninstall AB-Clock for installing a new version of the program
- The new version of AB-Clock will use the previous settings.

Buy, Order

How to buy / order?

Pricing:

Please refer to the current [Price List](#)^[33].

Possible Kinds of Payment:

- **Credit Card:** Visa, MasterCard/Eurocard, American Express, Diners Club, JCB
- **Debit Cards:** Solo, Switch (UK)
- **Bank/Wire Transfer:** Accounts in Germany, France, United Kingdom, Finland, Japan
- **Online Wire Transfer:** Germany only
- **Check:** Personal, Business, Cashier's Checks
- **Cash**

On instant payment (credit card, online wire transfer), we will usually deliver immediately, at maximum within 48 hours. On other payment methods, we deliver instantly after receiving the payment.

The order process is secured by a secure internet connection, so the data you send can only be viewed by the addressee. Important information, like credit card numbers, addresses, etc. will be encrypted for transport through the internet. Alternatively, you can place your order through fax, phone and postal mail.

Order Now:

- **Either use the Order Wizard integrated into AB-Clock:**

On the [AB-Clock Menu](#)^[4], click **Help, Buy/Order!** .

- **Or visit our Online Order Center:**

<http://www.GRAHL-software.com/en/shop.php?Product=ab-clock>

IMPORTANT: Please do not send any orders directly to the manufacturer. Orders will be processed by our partner shareit!. The shareit! order system is available for processing 7 days a week, 24 hours a day.

Pricelist

Pricelist valid until 01/01/2006:

AB-Clock	19,95 USD
Unlock Key via Email, no CD/disk	(14,95 EUR)

Note

You will find the current pricelist at our online order center:

<http://www.GRAHL-software.com/en/shop.php?Product=ab-clock>

Multiple licenses on request.

Contact, Product Support

Product Support

How to obtain product support on AB-Clock:

- Product support can be provided exclusively by e-mail.
- It is only possible to handle requests which are using the form you can find in the support page on our website. Before transmitting your support request please read our hints. Probably you will be able to find a solution to your problem and you don't need to contact us.
- Only complete forms can be accepted and provided an answer. Very important is that you indicate the correct version of the software.
- We will try to answer your support request within 48 hours. But it is not possible to guarantee that the answer, for your support request, will be returned to you within a determined time. Also it can not be guaranteed that the problem, you are asking support for, can be resolved with help supplied.

You will find the support area for AB-Clock at:

<http://www.GRAHL-software.com/en/support.php?Product=ab-clock>

Note

- You will find the AB-Clock version number with a click in [AB-Clock Menu](#)^[4] on Help / About AB-Clock....

Information on the WWW

You can find more information on this and other products of our company on our website:

GRAHL software design
<http://www.GRAHL-software.com>

Contact

Vendor:

GRAHL software design
Seligenthaler Str. 54
84034 Landshut
Germany
<http://www.GRAHL-software.com>

IMPORTANT: Please don't mail to this address any orders or request for support!

- ▶ For orders please read the hints at [How to buy / order?](#)^[33].
- ▶ For support you will find hints at [Product Support](#)^[34].

Your comments, ideas and any other inquiry are always very welcome.

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