

# AdTextBox

Version 1.5

Developer's Manual

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# 1. General Description

AdTextBox is an advanced textbox control for software developers.

It has many built-in features like:

- Input key control of Dates, Numbers, Alphanumeric Strings, Alpha Strings
- Validation checks
- Letter case control
- Automatic selection of text when receiving focus
- Configuring additional back and next keys
- Autoskip feature
- Limitation to input of special characters

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If you discover any bugs don't hesitate to send me an email  
I'll take care of them as soon as possible.

No part of this software can be decompiled or modified in any way whatsoever.

AdTextBox 1.4 is freeware: No cost can be charged to use this software, except for the price of the storage medium itself.

## 2. Installation

### 2.1. System Requirements

Windows 95/98/NT/2000

### 2.2. Automatic Installation

- Get yourself the latest version at <http://users.pandora.be/sebcore>.
- Unzip the file to a temporary directory like C:\TEMP.
- Just execute the install.exe file and the OCX will be copied to C:\{Your Window Directory}\System32 directory.

### 2.3. Manual Installation

- Copy Adtextbox.ocx to the SYSTEM32 directory of your WINDOWS directory.
- Type in the following command at the command prompt:  
regsvr32 C:\{Your Window Directory}\System32\Adtextbox.ocx

### 2.4. UnInstall

- Type in the following command at the command prompt:  
regsvr32 /u C:\{Your Window Directory}\System32\Adtextbox.ocx
- Remove Adtextbox.ocx from the SYSTEM32 directory of your WINDOWS directory.

In the next paragraph we will explain the different properties and methods of the AdTextBox control.

### 3. Properties of AdTextBox

| Property               | Possible Values  | Description  |
|------------------------|--|--|
| AdditionalBackKey      | 0 – No Additional BackKey<br>37 – Left Arrow<br>38 – Upper Arrow   | Additional keys to set the focus to the previous control in the tab-order.   |
| AdditionalNextKey      | 0 – No Additional NextKey<br>13 – Carriage Return<br>39 – Right Arrow<br>40 – Down Arrow   | Additional keys to set the focus to the next control in the tab-order.   |
| AllowDecimalSeparator  | True<br>False  | Permission to use the decimal separator for numerical values.  |
| AllowMinus             | True<br>False  | Permission to use the minus sign for numerical values.   |
| AllowThousandSeparator | True<br>False  | Permission to use the thousand separator for numerical values.   |
| AutoSkip               | True<br>False  | When maxlength has been reached AutoSkip automatically sets the focus to the next control in the tab-order.  |
| CheckCase              | 0 – No CaseCheck<br>1 – UpperCase<br>2 – LowerCase   | Allow only UpperCase, only LowerCase or both.  |
| CheckKey               | 0 – No KeyCheck<br>1 – Alfa KeyCheck<br>2 – AlfaNumerical KeyCheck<br>3 – DateNumerical KeyCheck<br>4 – Numerical KeyCheck<br>5 – CustomCharacterString KeyCheck | → No restriction<br>→ Only letters<br>→ Letters and numbers<br>→ Date characters<br>→ Only numbers<br>→ Only characters of the CustomCharacterString |
| CheckValidation        | 0 – No Validation<br>1 – Date Validation<br>2 – Number Validation<br>3 – CustomCharacterString Validation  | Sets the validation type of the text of the AdTextBox. With ValidationOK() function you can check if the text is valid.                              |
| CustomCharacterString  | String   | Restrict the character the user can type to the characters in this string.   |
| DateSeparator          | 0 – Mixed<br>47 – Slash<br>45 – Hyphen   | Sets the dateseparator the user can type for DateNumerical KeyCheck.   |
| DiameterKey            | Integer  | Ascii code of the key to type in the diameter symbol ( Ø )   |
| FriendlyName           | String   | Description of the control for the end-user.   |
| MaxLength              | Integer  | Maximal length of the text.  |

|                |                      |   |
|----------------|----------------------|---|
| MLength        | Integer              | Minimal length of the text.<br>(ValidationOK() performs this check)     |
| PasswordChar   | String * 1           | Character for password text.  |
| Required       | True<br><i>False</i> | Determines whether the user has to type in valid text in this control.  |
| SelectionFocus | True<br><i>False</i> | When the control receives focus, select the entire text of the control. |

## 4. Methods of AdTextBox

**Declaration:** Public Function ValidationOK() As Boolean

The function checks whether the TextBox has a valid value.

The validation check depends of the CheckValidation property.

If the validation succeeded ValidationOK returns True, otherwise False.

If the TextBox has no value then ValidationOK checks the Required property.