

# AdTextBox

Version 1.6

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 including regular expression validation
- 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 1.6 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.telenet.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 37 – Left Arrow 38 – Upper Arrow <b>NEW:</b> 8 – Back Space	Additional keys to set the focus to the previous control in the tab-order.
AdditionalNextKey	0 – No Additional NextKey 13 – Carriage Return 39 – Right Arrow 40 – Down Arrow	Additional keys to set the focus to the next control in the tab-order.
AllowDecimalSeparator	True False	Permission to use the decimal separator for numerical values.
AllowMinus	True False	Permission to use the minus sign for numerical values.
AllowThousandSeparator	True False	Permission to use the thousand separator for numerical values.
AutoSkip	True False	When maxlength has been reached AutoSkip automatically sets the focus to the next control in the tab-order.
CheckCase	0 – No CaseCheck 1 – UpperCase 2 – LowerCase	Allow only UpperCase, only LowerCase or both.
CheckKey	0 – No KeyCheck 1 – Alfa KeyCheck 2 – AlfaNumerical KeyCheck 3 – DateNumerical KeyCheck 4 – Numerical KeyCheck 5 – CustomCharacterString KeyCheck	→ No restriction → Only letters → Letters and numbers → Date characters → Only numbers → Only characters of the CustomCharacterString
CheckValidation	0 – No Validation 1 – Date Validation 2 – Number Validation 3 – CustomCharacterString Validation <b>NEW:</b> 4 – Regular Expressions	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 47 – Slash 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 )

<b>NEW:</b> ErrorMessage	String	When filled in adtextbox will validate the field automatically and display the ErrorMessage text in a message box if the validation failed.
FriendlyName	String	Description of the control for the end-user.
MaxLength	Integer	Maximal length of the text.
MinLength	Integer	Minimal length of the text. (ValidationOK() performs this check)
PasswordChar	String * 1	Character for password text.
<b>NEW:</b> RegularExpression	String	The “regular expression” pattern to match the value with.
Required	True <i>False</i>	Determines whether the user has to type in valid text in this control.
SelectionFocus	True <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.