

VB2

ActiveX MICR Control

0 1 2 3 4
5 6 7 8 9
! , ' " #

Professional Controls at an Amateurs Price.

OVERVIEW:

The VB Squared MICR control is a very simple to use control which allows for the printing of Magnetic Ink Recognition reader encoding.

Conforms to the industry standard ANSI and ABA (X9, 27-1995) banking standards.

PROPERTIES:

FontSize (New_FontSize as Single)

MICRFont (New_MICRFont as String)

UseDarkMICR (New_UseDarkMICR as Boolean)

USAGE:

Using the MICR Control is very easy.

ControlName.FontName = VB2MICRCtrl.MICRFont

Example:

Text1.Text = "A123456789A 0123456789C"

Text1.FontName = VB2MICRCtrl1.FontName

Text1.Text will now look like:



0 = 0	A = A
1 = 1	B = B
2 = 2	C = C
3 = 3	D = D
4 = 4	
5 = 5	
6 = 6	
7 = 7	
8 = 8	
9 = 9	

That's all there is to it.

The MICR Font can be set to any control that has a FontName property.

The UseDarkMICR property slightly affects the MICR Font to allow for the printed encoding to be compatible with magnetic readers if the standard does not work.

DISCLAIMER:

MICR (Magnetic Ink Character Recognition) strips are used by U.S. bank systems to automate check processing.

The MICR E13B characters must have very precise dimensions, to generate reliable signal when going through the readers. Many MICR fonts around do not meet these standards, and not all MICR fonts are created equal. Some have positioning inaccuracies that create unreliable MICR strips, and may generate errors in the bank processing equipment, leading to manual processing fees. MICR printing of a custom check, which has been created specifically to meet the ANSI and ABA (X9, 27-1995) banking standards when printed at exactly point size 12.

Unfortunately, the PC printing chain is such, that several weak links can hinder results. Even the most precise of font data is translated at least twice along the printed chain, first, by the Windows printer driver, which converts the font outlines it into data instructions (PostScript or PCL) usable by the printer, and secondly, by the printer internal logic circuits, which translates the outlines in data that will drive the actual printing hardware. Even, at that last stage, outlines are not printed as simple lines, but as a very fine matrix of dots, by a laser beam, LED, or another technology.

The VB Squared MICR Control prints all standard numbers and symbols required to encode any standard banking requirements.

□ = 0	⋮ = A
┆ = 1	┆' = B
⌒ = 2	" = C
⌑ = 3	"" = D
⌒ = 4	
5 = 5	
⌒ = 6	
7 = 7	
⌒ = 8	
9 = 9	

VB2 Active-X MICR Control

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