

# **MultIndicator.guide V1.9**

Andreas Baum

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<b>COLLABORATORS</b>
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	<i>TITLE :</i> MultiIndicator.guide V1.9		
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## Chapter 1

# MultilIndicator.guide V1.9

### 1.1 MultilIndicator V1.9 ©1993'94 by Andreas Baum

MultiIndicator V1.9 ©1993'94 Andreas Baum

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Copyright

What's MultiIndicator ?

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## 1.2 Copyright

Copyright and Pass Conditions

MultiIndicator isn't Public Domain it's Giftware !!!

That means, the rights on the program stay by me. You have to give me a little present, for example money, FD-disks, sorted out games, homemade utilities or other things, if you use MultiIndicator regularly. (An E-Mail or a letter, what you think about MultiIndicator, would be enough.) Cheap, isn't it ???

FD-dealer can always include this program in their FD-series, but they have to inform me and all listed files have to be included:

```
MI
MI.info
MI_D.help
MI_GB.help
MI_S.help
MIndicator_D.guide
MIndicator_D.guide.info
MIndicator_GB.guide
MIndicator_GB.guide.info
MIndicator_I.guide
MIndicator_I.guide.info
MagigWB-MI.brush
```

```
Install (Dir)
  InstallMI_D
  InstallMI_D.info
  InstallMI_E
  InstallMI_E.info
  InstallMI_F
  InstallMI_F.info
  InstallMI_GB
  InstallMI_GB.info
  InstallMI_I
  InstallMI_I.info
  InstallMI_S
  InstallMI_S.info
```

```
CATALOGS (DIR)
  MI.cd
  MI_?.ct
  MI_D.ct
  MI_E.ct
  MI_F.ct
  MI_S.ct
  Deutsch (Dir)
    MI.catalog
  Español (Dir)
    MI.catalog
  Français (Dir)
```

---

```
MI.catalog
Italiano (Dir)
MI.catalog
Svenska (Dir)
MI.catalog

MIFonts (Dir)
MI (Dir)
8
MI.font
```

#### Exeption:

If MultiIndicator is distributed with MultiTool II, then Boris Jakubaschk decides the distributing conditions.

Attention ! No warranties are made. All use is at your own risk. No liability or responsibility is assumed.

## 1.3 Programmer

Address of Programmer

```
Andreas Baum

Eugen-Roth-StraÙe 25

92318 Neumarkt

Germany

Phone: 09181/20950

InterNET: fatso@turtle.franken.de
InterNET: abaum@betei.franken.de
FidoNET: 2:2490/1092.6@fidonet
AmigaNET: 39:171/105.6@amiganet
XcessNET: 213:314/9117.6@xcessnet
```

## 1.4 What's MultiIndicator ?

What's MultiIndicator ?

MultiIndicator is an ASC-HEX-Guide-indicator, but you have to remember that you need AmigaGuide, MultiView or a similar program to indicate Guide-files.

This program is not an indicator for FD-disks, because it

1. is too voluminous,
2. needs OS2.0 or higher,



3. needs more memory than other indicators.

## 1.5 Why MultiIndicator ?

Why MultiIndicator ?

Read the following feature list and compare with other programs !

1. MultiIndicator shows ASC-files (with or without ESC-sequences and Tabs), HEX-files and Guide-files (if an external Guideindicator is available). MultiIndicator decides automatically if it uses the ASC-, HEX- or Guide-indicator.
2. MultiIndicator passes over ESC-sequences which would impair the output on the screen.
3. MultiIndicator can be configured with Prefs-files, that means you can always configure MultiIndicator differently.
4. MultiIndicator opens an AppIcon, if it was started from the Workbench, so that you can use it when you need it.
5. MultiIndicator shows compressed Guide-files exactly. This is not possible if you use AmigaGuide or MultiView alone.
6. You can compress and encrypt files with XPK. MultiIndicator realizes if a file is compressed and encrypted, for example you can compress a file with SHRI and then crypt that file with FEAL - MultiIndicator realizes this.
7. MultiIndicator has a comfortable print option, so you don't need a special print utility for ASC-files.
8. MultiIndicator supports Localization under Workbench 2.1.
9. MultiIndicator supports many options of OS 3.x, for example scalable Gadgets, NewLookMenus, Busypointer etc.
10. MultiIndicator has a very good help system.
11. MultiIndicator supports an external ASC-editor.
12. MultiIndicator supports an external HEX-editor.
13. MultiIndicator allows you to change the line spacing.
14. MultiIndicator has a little ARexxPort.
15. etc.

These are only the most important features.

---

Look at the changes in History.

## 1.6 Where I get new Versions ?

New versions of MultiIndicator

You get the latest version of MultiIndicator from FTP-Server AmiNET (only important versionchanges), in good Mailboxes or at the

Official Support Site for MultiIndicator

T U R T L E K o m m u n i k a t i o n e . V .

Port 0: +49 (0)911 32410-66 ZYXEL 2400-19200 Baud ONLINE Port  
Port 2: +49 (0)911 32410-55 ISDN 38400-64000 Baud ONLINE Port

Port 1: +49 (0)911 32410-44 ZYXEL 2400-19200 Baud FIDO MAILER  
Port 3: +49 (0)911 32410-11 ISDN 38400-64000 Baud FIDO MAILER

MultiIndicator can be requested about Fido with the FileRequest-MAGIC

MINDICATOR: The latest version of MIndicator  
MIHISTORY: History of MultiIndicator (all News)

or you can download Online. MultiIndicator is in the board

BINAER/SUPPORT/FATSOSOFT/

ratiofree of course.

Use SAUGER as Username and DURST as Password.

## 1.7 MultiTool II

Information about MultiTool II

MultiTool II is a great Dos-Utility.

You can get this program from FTP-servers (AmiNET), in good mailboxes or at the

Official Support Site for MTool II

A B Y S S

Line 1: ++49-(0)-711-617291 - 19.2k - ZYX/v.32bis/v.42bis/MNP5  
Line 2: ++49-(0)-711-6159399 - 14.4k - v.32bis/v.42bis/MNP5

Filerequest-MAGIC

MTOOL: The latest Version of MTool  
MTOOLINFO: Infos about the current Version of MTool

MultiTool II was coded by

Boris Jakubaschk  
Neue Straße 14/1  
70186 Stuttgart  
Germany

E-Mail:  
Boris@alice.tynet.sub.org

## 1.8 Hardware Requirements

Hardware Requirements for MultiIndicator

You need an Amiga with 512 KByte (better 1 MByte or more), at least OS 2.x and two disk drives or a harddisk.

MultiIndicator was coded on an Amiga 4000-040 with OS 3.0 and tested on:

A4000-040	with	18 MByte	and	OS 3.0	and	Picasso II
A4000-040	with	10 MByte	and	OS 3.0		
A4000-040	with	6 MByte	and	OS 3.0		
A3000	with	10 MByte	and	OS 2.0 + OS 2.1	and	OmniBus Graphiccard
A500+	with	1 MByte	and	OS 2.0 + OS 2.1		
A500	with	512 KByte	and	OS 2.0 + OS 2.1		

## 1.9 Software Requirements

Software Requirements for MultiIndicator

For the installation you need the Commodore Installer.

If you want to indicate XPK packed files you need the XPK-package. If you also want to indicate powerpacked files you need also the PowerPacker.library.

If you want to indicate Guide-files you need AmigaGuide or MultiView and the AmigaGuide.library.

All these programs were not included in the MultiIndicator-archive, because you can get the latest versions of these programs from every good mailbox or from FD-disks.

---

## 1.10 Installation

Install MultiIndicator

Use the InstallMI\_?-Script to install MultiIndicator.

## 1.11 Start MultiIndicator

Start MultiIndicator

MultiIndicator can be started either from the Workbench or from the Shell.

```
Workbench

    from Icon
    as DefaultTool

Shell
```

## 1.12 Icon

Start about Workbench with Icon

To start MultiIndicator from the icon, you have to click on the icon twice.

MultiIndicator creates an AppIcon after it was started. If you click on this AppIcon twice, an ASL-filerequester appears and you can select the file. If you drag and drop another icon on the AppIcon, the file or the directory of this icon will be indicated immediately.

ToolTypes:

If you want to change the ToolTypes, click on the MultiIndicator icon and select the Information in the menus. Now change the ToolTypes and save it.

```
Prefsfile=<path and name of the preferencefile>
(MultiIndicator will added the suffix .MIprefs if it wasn't specified
and will search in the given path, in ENVARC:MIndicator/ and in ENV:
MIndicator/.)
```

```
IconX=<X-position of AppIcon>
```

```
IconY=<Y-position of AppIcon>
```

## 1.13 DefaultTool

Start as DefaultTool

If you want to use MultiIndicator as DefaultTool, then the program which should be indicated must have a Project icon. Click this Project icon and select Information in the menus. A window with a line called DefaultTool appears. On this line you enter the name of MultiIndicator with full path.

If the file Standard.MIprefs exists the fonts, screen, guideindicator etc will be loaded from this file. If Standard.MIprefs doesn't exist, the internal settings will be used.

## 1.14 Shell

Start from Shell

If you start MultiIndicator from the Shell, you can load a preferencefile.

Syntax from the Shell:

```
MI <File or Path> [-PREF <Prefsfile>]
```

File	Name of the file to be indicated
Path	Name of the path that should be used for the ASL-filerequester
-PREF	Tells MultiIndicator to load the specified preferencefile
Prefsfile	Name and path of the preferencefile (MultiIndicator will add the suffix .MIprefs if it wasn't specified and will be search in the given path, ENVARC:MIndicator/ and in ENV:MIndicator/.)
?	Shows syntax.

## 1.15 Help

The Help from MultiIndicator

Place the pointer over a menuitem or a gadget and press the helpbutton.

The file MI.help must available in the directory ENVARC:MIndicator/ or ENV:MIndicator/. The InstallMI\_?-Script installs it automatically.

## 1.16 Menus

The Menus of MultiIndicator

MultiIndicator contains following menu items:

Attention: Any menuitems are only available in ASC- or HEX-mode !

ASC&HEX	Projekt
ASC&HEX	Open... O
ASC&HEX	About... A
ASC&HEX	Info... I
ASC&HEX	Quit Q
ASC&HEX	Preferences
ASC&HEX	Load...
ASC&HEX	Save
ASC&HEX	Save as...
ASC	FormFeed
ASC	ESC-Tabs
ASC	Tabs
ASC	ASC-Line spacing
HEX	HEX-Line spacing
ASC&HEX	Publicscreen...
ASC	Guideindicator...
ASC	ASC-Editor...
HEX	HEX-Editor...
ASC&HEX	Gadgetfont...
ASC	ASC-Textfont...
HEX	HEX-Textfont...
ASC	Printer
ASC	Print... P
ASC	ASC-Editor
ASC	ASC-Edit... E
HEX	HEX-Editor
HEX	HEX-Edit... E
ASC	Miscellaneous
ASC&HEX	Goto... G
ASC	ASC » HEX
ASC	HEX » ASC

## 1.17 Menuitem Open... O

The Menuitem Open... O

Opens an ASL-filerequester in which you can select a new file.

## 1.18 Menuitem About... A

The Menuitem About... A

Opens a window which shows the name of the program, version and programmer.

## 1.19 Menuitem Info... I

The Menuitem Info... I

Opens a window which gives informations about the loaded file, what packer was used (if the file was compressed with XPK or PowerPacker), the packed length, the unpacked length, the ratio and information about chipmemory and fastmemory.

## 1.20 Menuitem Quit Q

The Menuitem Quit Q

If MultiIndicator was started from the Shell or as DefaultTool, MultiIndicator terminates. If MultiIndicator was started from the Workbench, the Quit window appears and asks you if you want to only close the MultiIndicator window or if you want to terminate the program.

## 1.21 Menuitem Load...

The Menuitem Load...

Opens an ASL-filerequester in which you can select and load the preference-file. The choosen settings will be active immediately.

---

## 1.22 Menuitem Save

The Menuitem Save

The preferencefile Standard.MIPrefs will be saved in the directories ENVARC:MIndicator/ and ENV:MIndicator/.

## 1.23 Menuitem Save as...

The Menuitem Save as...

Opens an ASL-filerequester in which you can save the preferencefile. The suffix .MIPrefs will be added if it wasn't entered.

## 1.24 Menuitem FormFeed

The Menuitem FormFeed

This menuitem is only available if the selected file is an ASC-file.

Here you can select, if a formfeed is necessary or not.

## 1.25 Menuitem ESC-Tabs

The Menuitem ESC-Tabs

This menuitem is only available if the selected file is an ASC-file.

Here you can select if ESC-sequences and Tabs are shown or not.

ESC-sequences which are rerecognized and executed:

ESCc	Cleared all modes, but no screenclear
ESC[0m	Cleared all modes
ESC[1m	Bold on
ESC[3m	Italic on
ESC[4m	Underline on
ESC[7m	Invers on
ESC[8m	Backgroundcolor for text
ESC[22m	Bold off
ESC[23m	Italic off
ESC[24m	Underline off
ESC[27m	Invers off
ESC[3#m	Color (# = 0-7) for text



```
ESC[39m    Color 1 for text
ESC[4#m    Text in front of backgroundcolor (# = 0-7)
ESC[49m    Text in front of backgroundcolor 0
```

Kombinations of these sequences are recognized.  
 For example: ESC[1;7;37m (bold, invers und textcolor 7).

ESC-sequences which are rerecognized and deleted:

```
ESC[#u      Line length #
ESC[#t      Line number #
ESC[#x      Pixel spacing # from top
ESC[#y      Pixel spacing # from left
ESC[xx;yyH  Cursor in column xx, line yy
ESC[J       Delete at cursor
ESC[@       Insert space
ESC[#A      Cursor # up
ESC[#B      Cursor # down
ESC[#C      Cursor # left
ESC[#D      Cursor # right
ESC[#E      Cursor # lines down
ESC[#F      Cursor # lines up
ESC[#K      to lineend # delete
ESC[#L      # lines insert
ESC[#M      # lines delete
ESC[#P      # chars delete
ESC[#S      scroll up # lines
ESC[#T      scroll down # lines
```

## 1.26 Menuitem Tabs

The Menuitem Tabs

This menuitem is only available if the selected file is an ASC-file.

With this menuitem you can choose the tabwidth.

## 1.27 Menuitem ASC-Line spacing

The Menuitem ASC-Line spacing

This menuitem is only available if the selected file is an ASC-file.

With this menuitem you can choose the ASC-line spacing.

## 1.28 Menuitem HEX-Line spacing

The Menuitem HEX-Line spacing

This menuitem is only available if the selected file is an HEX-file.

With this menuitem you can choose the HEX-line spacing.

## 1.29 Menuitem Publicscreen...

The Menuitem Publicscreen...

Shows a list of all opened public screens. You can now select the screen on which the MultiIndicator window should be opened. The height and width of the window depends on the selected, visible screenarea.

## 1.30 Menuitem Guideindicator...

The Menuitem Guideindicator...

This menu item is only available if the selected file is an ASC-file.

Opens an ASL-filerequester in which you can select the indicator for the Guide-files.

## 1.31 Menuitem ASC-Editor...

The Menuitem ASC-Editor...

This menuitem is only available if the selected file is an ASC-file.

Opens the ASC-editorwindow in which you can change the ASC-editor and the parameters.

## 1.32 Menuitem HEX-Editor...

The Menuitem HEX-Editor...

This menuitem is only available if the selected file is an HEX-file.

Opens the HEX-editorwindow in which you can change the HEX-editor and the parameters.

---

### 1.33 Menuitem ASC-Textfont...

The Menuitem ASC-Textfont...

This menuitem is only available if the selected file is an ASC-file.

Opens an ASL-fontrequester in which you can select the ASC-font for the text. You may not select a proportional font.

### 1.34 Menuitem HEX-Textfont...

The Menuitem HEX-Textfont...

This menuitem is only available if the selected file is an HEX-file.

Opens an ASL-fontrequester in which you can select the HEX-font for the text. You may not select a proportional font.

### 1.35 Menuitem Gadgetfont...

The Menuitem Gadgetfont...

Opens an ASL-fontrequester in which you can select the font for the gadgets.

### 1.36 Menuitem Print... P

The Menuitem Print... P

This menuitem is only available if the selected file is an ASC-file.

Opens the printer window, in which you can change printer options and start the printing.

Variables for head- and footline:

```
#f# = filename  
#d# = printdate  
#t# = printtime  
#p# = pagenumber
```

See help for more informations.

---

## 1.37 Menuitem ASC-Edit... E

The Menuitem ASC-Edit... E

This menuitem is only available if the selected file is an ASC-file.

Starts the choosen ASC-editor with the parameters. The ASC-editor may not detach, then the editing text will be shown.

Attention!!!

If it's a packed file you have to use an ASC-editor which is able to unpack the file before editing it. Otherwise you only get strange characters.

## 1.38 Menuitem HEX-Edit... E

The Menuitem HEX-Edit... E

This menuitem is only available if the selected file is an HEX-file.

Starts the choosen HEX-editor with the parameters. The HEX-editor may not detach, then the editing text will be shown.

Attention!!!

If it's a packed file you have to use an HEX-editor which is able to unpack the file before editing it.

## 1.39 Menuitem Goto... G

The Menuitem Goto... G

Opens the Goto window in which you can enter the line from where the text would be shown.

## 1.40 Menuitem ASC » HEX

The Menuitem ASC » HEX

This menuitem is only available if the selected file is an ASC-file.

You can switch from the ASC-display to the HEX-display.

---

## 1.41 Menuitem HEX » ASC

The Menuitem HEX » ASC

This menuitem is only available if the selected file is an ASC-file which you have switched in HEX-mode.

You can switch from the HEX-display to the ASC-display.

## 1.42 Gadgets

The Gadgets of MultiIndicator

MultiIndicator contains the following gadgets:

ASC&HEX	Textgadget	Path/Filename
ASC&HEX	Buttongadget	Search
ASC&HEX	Buttongadget	Next
ASC&HEX	Buttongadget	Previous
ASC&HEX	Slidergadget	Vertical
ASC	Slidergadget	Horizontal
ASC&HEX	Sizegadget	Size

## 1.43 Textgadget Path/Filename

The Textgadget Path/Filename

Shows the name of the loaded file. If the name is too long, than the file-name will be truncated.

## 1.44 Buttongadget Search

The Buttongadget Search

Opens the search window, in which you can enter the search word and change other options.

See help for more informations.

## 1.45 Buttongadget Next

The Buttongadget Next

Searches for the next item. If the next item was found, it will be marked. If no item was found, a window appears and informs you.

This gadget is selectable if a searchword is inserted.

## 1.46 Buttongadget Previous

The Buttongadget Previous

Searches for the previous item. If the previous item was found, it will be marked. If no item was found, a window appears and informs you.

This gadget is selectable if a searchword is inserted.

## 1.47 Slidergadget Vertical

The Slidergadget Vertical

With this gadget you can scroll the text by the line (arrows), pages (click below or above the scrollbar) or independent (click on the scrollbar and move).

This only works if the text is longer than one screenpage.

## 1.48 Slidergadget Horizontal

The Slidergadget Horizontal

This gadget is only available if the selected file is an ASC-file.

With this gadget you can scroll the text by the letter (arrows), pages (click left or right of the scrollbar) or independent (click on the scrollbar and move).

This only works if the text is wider than one screenpage.

## 1.49 Sizegadget Size

The Sizegadget Size

With this gadget you can choose between full- and halfscreen.

---

## 1.50 Keyboard

Keyboardcontrol

Window:

ESC:                      Mainwindow open -> MultiIndicator terminates  
                              Other window open -> window terminates

StringGadgets:

Tab:                      Next stringgadget activate  
 Shift + Tab:            Previous stringgadget activate  
 Cursor down:            Next stringgadget activate  
 Cursor up:               Previous stringgadget activate

Gadgets allgemein:

Underlined chars:        Activate the button or the stringgadget  
                              (Only if no stringgadget is activate)

Textcontrol:

Cursor up:                Line up  
 Cursor down:             Line down  
 Cursor left:             Char left (only ASC-description)  
 Cursor right:            Char right (only ASC-description)  
 Shift + Cursor...:       Page...  
 Alt + Cursor...:        Goto textbegin -end  
 Ctrl + Cursor...:       Goto textbegin -end  
 Space:                   Page down

Numberblock:

Cursor up = 8:            Line up  
 Cursor down = 2:        Line down  
 Cursor left = 4:        Char left (only ASC-description)  
 Cursor right = 6:       Char right (only ASC-description)  
 Pg Up = 9:              Page up  
 Pg Dn = 3:              Page down  
 Home = 7:               Goto textbegin  
 End = 1:                Goto textend

## 1.51 Mouse

The Mousecontrol in MultiIndicator

When you press and hold the left mousebutton while the pointer is in the textwindow, you can scroll the text.

Two speeds are available which depends from the pointerposition.

First part of the textwindow: Fast up-scrolling  
Second part of the textwindow: Slow up-scrolling  
Third part of the textwindow: Fast down-scrolling  
Fourth part of the textwindow: Slow down-scrolling

## 1.52 ARexx

ARexxcommands

AppIcon:

OPENFROMAPP File/A

Opens the MultiIndicatorwindow and the file.

Mainwindow:

ALLTOFRONT ,

Brings the screen and the MultiIndicatorwindow in front of all other.

SCRTOBACK ,

Brings the screen in the background.

WINTOBACK ,

Brings the the MultiIndicatorwindow in the background.

ACTIVATE ,

Activates the MutliIndicatorwindow.

HIDETOAPP ,

Closes the MultiIndicatorwindow. Only the AppIcon were shown.  
(Only available if MultiIndicator was started about the AppIcon.)

OPEN File/A

Opens the file.

QUIT ,

Quit MultiIndicator.

LOAD Prefsfile/A

Loads the Preferencefile.

SEARCH Searchword/A

Serches for the searchword.  
(Put the \$ char in front of the searchword if HEX-search will be useed.)



GOTOLINE Line/A

The file will be shown at the given line.

GOTOBYTE Byteoffset/A

The file will be shown at the line in which the Byteoffset is and the first char will be marked.

## 1.53 Language

What Language Speaks MultiIndicator

If you have at least Workbench 2.1, then you can run MultiIndicator in your language. You must copy the MI.catalog for your language to the directory:

Locale:Catalogs/<language>

(The InstallMI\_?-Script does this automatically)

Appeal:

I need the .ct-Files for the languages

Danish, Norwegian, Dutch, Portuguese and Spanish (>V1.7)

the .help-Files for the languages

Danish, French, Italian, Norwegian, Dutch, Portuguese and Spanish,

the .guide-Files for the languages

Danish, French, Italian, Norwegian, Dutch, Portuguese, Swedish and Spanish,

and the InstallMI\_?-Script-Files for the languages

Danish, French, Italian, Norwegian, Dutch, Portuguese and Spanish.

For the .ct-File the File MI\_?.cd is in the directory Catalogs.

If you make a .help-File, the text mustn't be longer than 16 lines and wider than 50 chars.

If you make a .guide-File, the text mustn't be wider than 78 chars.

Thanks in advance.

## 1.54 History

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## The History

03.08.93 V0.0 Programming begins.

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12.08.93 V1.0 First public release.

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16.08.93 V1.1 New loadroutine for ASC-text -> considerably faster  
New searchroutine for HEX and ASC -> faster  
New viewroutine for ASC-text -> depends on the new  
loadroutine

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16.08.93 V1.11 Reworked Shell-parameters.

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17.08.93 V1.12 ASC-HEX\_View can used as DefaultTool.

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18.08.93 V1.2 MultiIndicator opens an AppIcon if you start it from Work-  
bench.  
Support for ToolTypes.

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18.08.93 V1.21 Now you can select in the Searchwindow if the search should  
always start from the beginning and if the capitalization  
should be taken into account.

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18.08.93 V1.22 Now with textcontrol from the keyboard.

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19.08.93 V1.23 Name of the program is now MultiIndicator.  
Keyboardcontrol like CygnusEd implemented.  
(Boris Jakubaschk)

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Second public release.

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21.08.93 V1.3 MultiIndicator can indicate ESC-sequences and Tabs.

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25.08.93 V1.4 XPK-Packer and PowerPacker support.

Infowindow available.

Buttongadgets change the look if you select them.  
(Boris Jakubaschk)

Keyboardcontrol changed. Alt -> Ctrl. (Boris Jakubaschk)

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30.08.93 V1.5 Print option for ASC-Texts implement.

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Third public release.

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02.09.93 V1.5a Spanish Catalog from José Garcia.

Catalogs now work under OS3.x.

Small bugs removed.

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09.10.93 V1.6 NewLookMenus under OS3.x.

In gadgets you can use proportional fonts.

Window get a zoom gadget.

Print window reworked.

Variables in head- footline allowed.

The meaning of formfeed has changed!

Checkboxes and MXbuttons scaleable under OS3.x.

Graphicsbug in the pubscreenwindow under OS3.x removed.

Searchword will be indicated if it wasn't found.

One enforcerhit removed.

Text without end of line in the last line view exactly.

More than one packstep allowed.

Program can be terminated with ESC-button.

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Waitpointer changed -> faster

If you start the program from the AppIcon, it remembers the last path.

Help implemented.

Dynamic stack implemented. No stack is necessary, but no control with mungwall possible.

Installer script added.

AmigaGuide manual added.

Swedish Catalog from Mikael Silfver.

New menuitem Open available. (Mikael Silfver)

Only the visible area of the screen used. (Jens Bönisch)

MI always remembers the last path.

For keyboardfetishists !

Windows (except password window and ASL-requester) can be closed with ESC.

In the searchwindow you have to press return twice if the stringgadget is activated and you want to start the search.

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Fourth public release.

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16.11.93 V1.7 Text in the password window is invisible.

In stringgadgets you can jump with cursor up and cursor down.

Program optimized -> about 22% shorter.

A few internal improvements.

Now accessible via E-Mail.

Swedish Help-File from Mikael Silfver.

You can now use the Alt key instead of the Ctrl key. (Mikael Silfver)

Publicscreen can now be select with a doubleclick. (Mikael Silfver)

Small bugs removed. (Mikael Silfver)

MI now knows Hex-Code 9b resp. ASC-code 155. This is the

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same as 'ESC['. (Is used in many BBSs)

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Fifth public release.

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12.01.94 V1.7 French Catalog from Pascal Aubert.

If the xpk????librarys are be installed, the version will be checked. (Not all !!! Sorry)

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Sixth public release.

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24.02.94 V1.8 You can switch an ASC-text from ASC-mode to HEX-mode and back from HEX-mode to ASC-mode. (QWert)

You can set an ASC-textfont and a HEX-textfont.  
(Mikael Silfver)

You can call an external editor if the text is a ASC-text.

You can scroll the text if you press and hold the left mousebutton while the pointer is in the text-window.

You can choose the tabwidth. (Mikael Silfver)

You can save settings with Save and Save as and load settings with Load.

Only one Shell-argument and three ToolTypes are available.

Shell: With -PREF <Prefsfiler> you can load the settings you wish.

ToolTypes: Prefsfiler=<Prefsfiler> same as Shell.

You can hand over printersettings without printing.

Formfeeds in the text will be removed.

In the Shell you can hand over a filename or pathname.

If you drop a drawer- or a diskicon on the MultiIndicator-appicon the ASL-filerequester take with path.

If you start MultiIndicator from the AppIcon then you can quit the program only if you choose the menuitem Quit.

Two enforcerhits removed.

Publicscreen Default added. So I hope the problems with

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publicscreenmanagers are solved. Default means that the MultiIndicator-window will be opened on the defaultpublicscreen. (Adrian Demarais)

Installer, AmigaGuide, XPK and the PowerPacker.library are removed, because the archive was too large.

Memory will be allocated with MEMF\_ANY, so you can use virtual memory.

Reworked english Help-File. (Johan Billing)

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Seventh public release.

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20.03.94 V1.8 Swedish Catalog and swedish Help-File become complete. (Johan Billing)

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AminET public release.

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22.03.94 V1.8 Reworked english Document. (Johan Billing)

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23.03.94 V1.81 If you start MultiIndicator from Shell and no filename or directory will be handed over, then MultiIndicator uses the latest Shellpath. (Johan Billing)

When lines in ASC-texts end with CR+LF or LF+CR, then MultiIndicator replaces the CR+LF or LF+CR with CR. (Johan Billing)

A "Sizegadget" at the bottom right corner implemented. This Sizegadget isn't a normal Sizegadget, because you can only choose, if you use full- or half-screen. Is it with enough? (Bill Bennett)

Searchroutine improved -> up to 20% faster

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03.04.94 V1.82 The spacing between the lines in ASC- and HEX-mode can now be changed.

Publicscreenbug removed.

Zoomgadgetbug removed.

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Eighth public release.

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03.05.94 V1.85 A little ARexxPort implemented.

Texts with more than 100 ESC-sequences in one line were shown correctly.

Current line and whole lines were shown.

New menuitem Goto implemented.

Italian Catalog from Marco Mellia.

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Ninth public release.

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20.07.94 V1.9 You can call an external HEX-editor.

New ARexx-command GOTOBYTE.

Searchpattern ? implemented.

ALLTOBACK will be replaced by SCRTOBACk and WINTOBACk.

Page down with the space key. (Marco Mellia)

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Tenth public release.  
AmiNET public release.

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## 1.55 Bugs and suggestions

Bugs and suggestions

Write (mail or letter) if you find a bug or if you have a suggestion for improvement.

## 1.56 Greetings

The Greetings

Thanks to:

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Klaus-Joachim Forster	for the Supportboard in the Turtle
Matt Dillon	for the DICE and DME
Boris Jakubaschk	for the great Dos-Utility MultiTool II
Dietmar Eilert	for the ASC-Editor GoldED
Aaron Digulla	for the ASC-Editor XDME
Klaas Hermanns	for the HEX-Editor FileX
Nico François	for the PowerPacker.library
Urban Müller	for the XPK-Package
Bryan Ford	for the XPK-Package
Commodore	for the Amiga

Johan Billing	for the reworked english Document
...	for the ... Document

Mikael Silfver	for the swedish Help-File (<V1.7)
Johan Billing	for the swedish Help-File (>V1.7)
Johan Billing	for the reworked english Help-File
...	for the ... Help-File

José Garcia	for the spanish Catalog (<V1.7)
Mikael Silfver	for the swedish Catalog (<V1.7)
Johan Billing	for the swedish Catalog (>V1.7)
Pascal Aubert	for the french Catalog
Marco Mellia	for the italian Catalog
...	for the ... Catalog

and my  $\beta$ -tester (in alphabetical oder):

Aubert Pascal,  
Baum Wolfgang,  
Billing Johan,  
Jakubaschk Boris,  
Marco Mellia  
and  
Mikael Silfver

and all who sent me a mail or a letter.

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