

## **MultIndicator V2.3**

<b>COLLABORATORS</b>
----------------------

	<i>TITLE :</i> MultiIndicator V2.3		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		March 28, 2025	

<b>REVISION HISTORY</b>
-------------------------

NUMBER	DATE	DESCRIPTION	NAME

# Contents

<b>1</b>	<b>MultiIndicator V2.3</b>	<b>1</b>
1.1	MultiIndicator V2.3 ©1993'94 by Andreas Baum . . . . .	1
1.2	Copyright . . . . .	2
1.3	Address of Programmer . . . . .	3
1.4	What's MultiIndicator ? . . . . .	4
1.5	Why MultiIndicator ? . . . . .	4
1.6	Where I get new Versions ? . . . . .	5
1.7	Information about MultiTool II . . . . .	6
1.8	Hardware Requirements . . . . .	7
1.9	Software Requirements . . . . .	7
1.10	Installation . . . . .	7
1.11	Start MultiIndicator . . . . .	8
1.12	Start from Workbench with Icon . . . . .	8
1.13	Start as DefaultTool . . . . .	9
1.14	Start from Shell . . . . .	9
1.15	Help . . . . .	9
1.16	Menues . . . . .	10
1.17	Menuitem Open... O . . . . .	11
1.18	Menuitem About... A . . . . .	11
1.19	Menuitem Info... I . . . . .	11
1.20	Menuitem Quit Q . . . . .	11
1.21	Menuitem Load... . . . . .	11
1.22	Menuitem Save . . . . .	12
1.23	Menuitem Save as... . . . . .	12
1.24	Menuitem FormFeed . . . . .	12
1.25	Menuitem ESC-Tabs . . . . .	12
1.26	Menuitem Tabs . . . . .	13
1.27	Menuitem ASC-Line spacing . . . . .	13
1.28	Menuitem HEX-Line spacing . . . . .	14
1.29	Menuitem Publicscreen... . . . . .	14

1.30	Menuitem Windowsize	14
1.31	Menuitem Guideindicator...	14
1.32	Menuitem ASC-Editor...	14
1.33	Menuitem HEX-Editor...	15
1.34	Menuitem Gadgetfont...	15
1.35	Menuitem ASC-Textfont...	15
1.36	Menuitem HEX-Textfont...	15
1.37	Menuitem Print... P	15
1.38	MenuitemClear marker C	16
1.39	Menuitem Startmarker 0	16
1.40	Menuitem Endmarker 1	16
1.41	Menuitem ASC-Edit... E	16
1.42	Menuitem HEX-Edit... E	17
1.43	Menuitem Goto... G	17
1.44	Menuitem ASC » HEX	17
1.45	Menuitem HEX » ASC	17
1.46	Gadgets	18
1.47	Textgadget 'Path/Filename'	18
1.48	Buttongadget 'Search'	18
1.49	Buttongadget 'Next'	18
1.50	Buttongadget 'Previous'	19
1.51	Propgadget vertical	19
1.52	Propgadget horizontal	19
1.53	Closegadget	19
1.54	Zoomgadget	20
1.55	Depthgadget	20
1.56	Sizegadget	20
1.57	Keyboard	20
1.58	Mouse	21
1.59	ARexx	22
1.60	Language	23
1.61	History	24
1.62	Bugs and suggestion	31
1.63	Greetings	31

---

## Chapter 1

# MultilIndicator V2.3

### 1.1 MultilIndicator V2.3 ©1993'94 by Andreas Baum

MULTIINDICATOR V2.3 ©1993'94 ANDREAS BAUM

Table of contents

Copyright

What's MultiIndicator ?

Why MultiIndicator ?

Where I get new Versions ?

Hardware Requirements

Software Requirements

Installation

Start MultiIndicator

Help

Menues

Gadgets

Keyboard

Mouse

ARexx

Language

History

Bugs and Suggestion

Greetings

---

## 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, PD/FD-disks, sorted out games, homemade utilitys or other things, if you use MultiIndicator regularly. (An E-Mail or a letter, you think about MultiIndicator, would be enough.) Cheap, or ???

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

```
MI
MI.info
MI_MungWall
MI_D.help
MI_DK.help
MI_GB.help
MI_S.help
MagigWB-MI.brush

Documents (Dir)
  OS 2.x (Dir)
    MIndicator_D.dok
    MIndicator_D.dok.info
    MIndicator_D.guide
    MIndicator_D.guide.info
    MIndicator_GB.doc
    MIndicator_GB.doc.info
    MIndicator_GB.guide
    MIndicator_GB.guide.info
  OS 3.1 (Dir)
    MIndicator_D.guide
    MIndicator_D.guide.info
    MIndicator_GB.guide
    MIndicator_GB.guide.info

Install (Dir)
  InstallMI_D
  InstallMI_D.info
  InstallMI_DK
  InstallMI_DK.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_DK.ct
  MI_E.ct
  MI_F.ct
  MI_S.ct
  Dansk (Dir)
    MI.catalog
  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 pass conditions.

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

## 1.3 Address of Programmer

ADDRESS OF PROGRAMMER

Andreas Baum

Eugen-Roth-Straße 25

92318 Neumarkt

Germany

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

ZyXelNET: 16:168/9031.6@zyxelnet

## 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 isn't 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 features 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 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 crypted, 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 needn't use 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, NewLookMenues, Waitpointer and other.

10. MultiIndicator has a very good help facility.
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. MultiIndicator opens an AppWindow.
16. and other

These are only the most important features.

Look at the changes in History for more informations.

## 1.6 Where I get new Versions ?

### WHERE I GET NEW VERSIONS ?

You get the latest version of MultiIndicator from FTP-servers (AminET), in good mailboxes or at the

### Official Support Site for MultiIndicator

```
+-----+
| \textdegree{}      □ _____ □ _  _ \textdegree{} _____□ _____\ ←
|   textdegree{} □ □ \textdegree{} \textdegree{}_____ □ □ |
| . . . /___ _/\ / \ / \ / _ / \ /___ _/\ / \ □ / ___/\ □ . . |
| □ . \textdegree{} \_ / \_ \ / / / / / / / \_ / \_ / \_ \ / / / . / \_ \ / . □ ←
|   \textdegree{} |
| . □ . / / / / / / / / / / / / / / / / / / / / / / . □ □ |
| □ . □ / / / / / / / / / / / | \_ / □ / / / / / / / / \_ / □ . □ |
| \textdegree{} . \textdegree{} / / / / / \_ / / / / / | | / / / / / \_ / □ / ←
| / \_ \ / . □ . . |
| □ . □ / \_ / / _____ / / \_ / / | | / \_ / / _____ \_ / . □ \ ←
|   textdegree{} |
| □ . \_ \ / \_ \_ \ / \_ \ / \_ \ \_ \ / \_ \_ \ / \_ \_ \ / □ \textdegree{} ←
| . |
| . ∅ . * . \textdegree{} . . \textdegree{} \textdegree{} . ←
| . . \textdegree{} |
| \textdegree{}: . □ . Kommunikation e.V «» Nürnberg : □ \ ←
|   textdegree{} . . \textdegree{} |
| . . \textdegree{} . . \textdegree{} . \textdegree{} . □ . \ ←
|   textdegree{} . \textdegree{} \textdegree{} . □ . . |
+-----+
| 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 |
```



Boris@alice.tynet.sub.org  
jakubab@ind.e-technik.uni-stuttgart.de  
2:246/1115.2@fidonet

## 1.8 Hardware Requirements

### HARDWARE REQUIREMENTS

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	OS 3.0 and OS 3.1 and Picasso II
A4000-040	with	10 MByte	OS 3.0 and OS 3.1
A4000-040	with	6 MByte	OS 3.0 and OS 3.1
A4000-030	with	10 MByte	OS 3.0 and OS 3.1
A4000-030	with	6 MByte	OS 3.0 and OS 3.1
A3000T	with	10 MByte	OS 2.0 and Retina BLT Z3
A3000T	with	10 MByte	OS 2.0 and OS 3.1
A3000	with	10 MByte	OS 2.0 and OS 3.1 and Retina BLT Z3
A3000	with	10 MByte	OS 2.0 and OS 3.1 and OmniBus graphics card
A500+	with	1 MByte	OS 2.0
A500	with	512 KByte	OS 2.0

## 1.9 Software Requirements

### SOFTWARE REQUIREMENTS

For the installation you need the 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 PD/FD-disks.

## 1.10 Installation

### INSTALLATION

---

Use the InstallMI\_?-Script to install MultiIndicator. Or use the respective button if your Installer is in SYS:System/.

Danish  
English  
French  
German  
Italian  
Spain  
Swedish

## 1.11 Start MultiIndicator

START MULTIINDICATOR

MultiIndicator either can start from the Workbench or from the Shell.

Workbench

with Icon  
as DefaultTool

Shell

## 1.12 Start from Workbench with Icon

START FROM WORKBENCH WITH ICON

For starting MultiIndicator from icon, you have to click on the icon twice. MultiIndicator creates an AppIcon after it was started. If you click this AppIcon twice, an ASL-filerequester appears and you can select the file. If you drag and drop another icon on the AppIcon, than the file or the directory to this icon will be displayed immediately.

ToolTypes:

If you want to change the ToolTypes, click the MultiIndicator icon and select the menuitem Information. 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, ENVARC:MIndicator/ and ENV:MIndicator/.)

IconX=<X-position of AppIcon>

IconY=<Y-position of AppIcon>

## 1.13 Start as DefaultTool

### START AS DEFAULTTOOL

If you want to use MultiIndicator as DefaultTool, than the program which should be indicated must have a ProjectIcon. Click this ProjectIcon and select the menuitem Information. The Iconwindow appears including the Default Tool line in which you enter MI with complete path.

If the file Standard.MIprefs exists the fonts, screen, guideindicator and so on were loaded from this file. If Standard.MIprefs doesn't exist, the internal settings were used.

## 1.14 Start from 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 <preferencefile>]
```

File	Name of the file to be viewed.
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 ENV:MIndicator/.)
-PUB	Tells MultiIndicator to open the window on the named Pubscreen.
Pubscreen	Name of the Pubscreen.
?	Shows syntax.

## 1.15 Help

### HELP

Place the pointer about 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 or the Guide does this automatically.

## 1.16 Menues

### MENUES

MultiIndicator contains following menuitems:

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

ASC & HEX	Project
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 & HEX	Windowsize
ASC	Guideindicator...
ASC	ASC-Editor...
HEX	HEX-Editor...
ASC & HEX	Gadgetfont...
ASC	ASC-Textfont...
HEX	HEX-Textfont...
ASC	Printer
ASC	Print... P
ASC	Clear marker C
ASC	Startmarker 0
ASC	Endmarker 1
ASC	ASC-Editor
ASC	ASC-Edit... E
HEX	HEX-Editor
HEX	HEX-Edit... E

ASC & HEX	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, how packer was used (if file compressed with XPK or PowerPacker), the packed length, the unpacked length, the ratio and information about chipmemory and fast-memory.

## 1.20 Menuitem Quit Q

THE MENUITEM QUIT Q

If MultiIndicator was started from Shell or as DefaultTool, than MultiIndicator terminated. If MultiIndicator was started from Workbench, the Quit-window appears which ask 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 enter the name of 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 with all opened publicscreens. You can now select the screen, on which the MultiIndicatorwindow will be opened.

## 1.30 Menuitem Windowsize

THE MENUITEM WINDOWSIZE

Here you can select if the window use the maximum screensize, the visible screensize or the current window size.

## 1.31 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.

## 1.32 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.

### 1.33 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.

### 1.34 Menuitem Gadgetfont...

THE MENUITEM GADGETFONT...

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

### 1.35 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.

### 1.36 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.

### 1.37 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 printaction.

Variables for head- and footline:

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

### 1.38 MenuitemClear marker C

THE MENUITEM CLEAR MARKER C

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

With this menuitem you can clear the markers.

### 1.39 Menuitem Startmarker 0

THE MENUITEM STARTMARKER 0

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

With this menuitem you can set up the startmarker for the areaprintoption (first visible line).

### 1.40 Menuitem Endmarker 1

THE MENUITEM ENDMARKER 1

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

With this menuitem you can set up the endmarker for the areaprintoption (last visible line).

### 1.41 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.

### 1.42 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.

### 1.43 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.

### 1.44 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.

### 1.45 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.

## 1.46 Gadgets

## GADGETS

MultiIndicator contains the following gadgets:

ASC & HEX	Textgadget 'Path/Filename'
ASC & HEX	Buttongadget 'Search'
ASC & HEX	Buttongadget 'Next'
ASC & HEX	Buttongadget 'Previous'
ASC & HEX	Vertical Propgadget
ASC	Horizontal Propgadget
ASC & HEX	Closegadget
ASC & HEX	Zoomgadget
ASC & HEX	Depthgadget
ASC & HEX	Sizegadget

## 1.47 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.

## 1.48 Buttongadget 'Search'

## THE BUTTONGADGET 'SEARCH'

Opens the Searchwindow, in which you can enter the search word and change another options. You can use the ? as a pattern.

## 1.49 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 which informs you.

This gadget is selectable if a searchword is inserted.

## 1.50 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 which informs you.

This gadget is selectable if a searchword is inserted.

## 1.51 Propgadget vertical

### THE PROPGADGET 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 works only if the text is longer than one screenpage.

## 1.52 Propgadget horizontal

### THE PROPGADGET 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 works only if the text is wider than one screenpage.

## 1.53 Closegadget

### THE CLOSEGADGET

With gadget has two meanings:

1. If MultiIndicator was started from Workbench, then only the window will be closed.

2. If MultiIndicator was started from Shell or as DefaultTool, then the window will be closed an the program terminates.

## 1.54 Zoomgadget

### THE ZOOMGADGET

With this gadget you can choose between two window sizes.

## 1.55 Depthgadget

### THE DEPTHGADGET

With this gadget you can toggle the window between foreground and background.

## 1.56 Sizegadget

### THE SIZEGADGET

With this gadget you can reduce or enlarge the window size.

## 1.57 Keyboard

### KEYBOARD

Window:

ESC:	If an other window as the mainwindow is open, the window will be closed. Is only the mainwindow is open, the mainwindow will be closed and if MultiIndicator was started from Shell or as DefaultTool the program terminates.
------	---

StringGadgets:

Tab:	Next stringgadget activate
Shift + Tab:	Previous stringgadget activate

Gadgets general:

---



Underlined chars:

Activate the button or the stringgadget.  
(Only if no stringgadget is activated.)

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:

5:	See ESC, but only the mainwindow
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

## 1.58 Mouse

MOUSE

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

## ASC-mode

	FAST UP	
L		R
E	SLOW UP	I
F		G
T	SLOW DOWN	H
		T
	FAST DOWN	

HEX-mode

+-----+		
	FAST UP	
+-----+		
	SLOW UP	
+-----+		
	SLOW DOWN	
+-----+		
	FAST DOWN	
+-----+		

1.59 ARexx

AREXX

AppIcon:

OPENFROMAPP File/A

Opens the MultiIndicatorwindow and the file.

Mainwindow:

ACTIVATE ,

Activates the MutliIndicatorwindow.

ALLTOFRONT ,

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

GOTOBYTE Byteoffset/A

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

GOTOLINE Line/A

The file will be shown at the given line.

HIDETOAPP ,

Closes the MultiIndicatorwindow. Only the AppIcon were shown. (Only

available if MultiIndicator was started about the AppIcon.)

LOAD Prefsfile/A

Loads the Preferencefile.

OPEN File/A

Opens the file.

QUIT ,

Quit MultiIndicator.

SCRTOBACK ,

Takes the screen in the background.

SCRTOFRONT ,

Takes the screen in the foreground.

SEARCH Searchword/A

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

WINTOBACK ,

Takes the the MultiIndicatorwindow in the background.

WINTOFRONT ,

Takes the the MultiIndicatorwindow in the foreground.

## 1.60 Language

### LANGUAGE

MultiIndicator supports the languages: English (intern), French (catalog) Pascal Aubert, German (catalog), Italian (catalog) Marco Mellia, Spain (catalog until 1.7) Jose Garcia, Swedish (catalog) Mikael Silfver and Johan Billing and Danish (catalog) Martin Rix.

Appeal:

I need the .ct-Files for the languages

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

the .help-Files for the languages

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

---

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

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.

Thanks in advance.

## 1.61 History

### HISTORY

```
*****
03.08.93  V0.0    Programming begins.
*****

12.08.93  V1.0    First public release.
*****

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 load-
                  routine
*****

16.08.93  V1.11   Reworked Shell-parameters.
*****

17.08.93  V1.12   ASC-HEX_View can used as DefaultTool.
*****

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

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.
```

---

\*\*\*\*\*

18.08.93 V1.22 Now with textcontrol from the keyboard.

\*\*\*\*\*

19.08.93 V1.23 Name of the program is now MultiIndicator.

Keyboardcontrol like CygnusEd implemented. (Boris  
Jakubaschk)

\*\*\*\*\*

Second public release.

\*\*\*\*\*

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

\*\*\*\*\*

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)

\*\*\*\*\*

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

\*\*\*\*\*

Third public release.

\*\*\*\*\*

02.09.93 V1.5a Spanish Catalog from José Garcia.

Catalogs now work under OS3.x.

Small bugs removed.

\*\*\*\*\*

09.10.93 V1.6 NewLookMenues 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.

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.

\*\*\*\*\*

Fourth public release.

\*\*\*\*\*

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

\*\*\*\*\*

Fifth public release.

\*\*\*\*\*

12.01.94 V1.7 French Catalog from Pascal Aubert.

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

\*\*\*\*\*

Sixth public release.

\*\*\*\*\*

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. (Michael Arlt)

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 <preferencefile> you can load the

---

settings you wish.

ToolTypes: Prefsfile=<preferencefile> 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 publicscreenmanagers are solved. Default means that the MultiIndicatorwindow 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)

\*\*\*\*\*

Seventh public release.

\*\*\*\*\*

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

\*\*\*\*\*

AmiNET public release.

\*\*\*\*\*

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

\*\*\*\*\*

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

When lines in ASC-texts ends 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 halfscreen. Is with enough ?  
(Bill Bennett)

Searchroutine improved -> up to 20% faster.

\*\*\*\*\*

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

Publicscreenbug removed.

Zoomgadgetbug removed.

\*\*\*\*\*

Eighth public release.

\*\*\*\*\*

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.

\*\*\*\*\*

Ninth public release.

\*\*\*\*\*

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)

\*\*\*\*\*

Tenth public release.

AminET public release.

\*\*\*\*\*

---

28.08.94 V2.0 You can now scroll left and right with the mouse.

If you would search for \$ in the HEX-mode, you have to enter \$\$.

The window ist full resizeable. (Bill Bennett and Michael Arlt)

You can select an area to print.

3 window sizes are available: maximum screensize, visible screenarea and current window size. (Michael Arlt)

Das MultiIndicatorwindow is now an AppWindow. (Michael Arlt)

MultiIndicator is SysIHack-compatible :-)

2 new ARexx-commands SCRTOFONT und WINTOFONT.

ARexx-command GOTOBYTE have changed a little.

Guides rewrite.

Docs included.

An additional MultiIndicatorversion without dynamic stack included. So you can test MultiIndicator with MungWall.  
Attention: This Version needs a stack of 8192 Bytes !

New E-Mail-Address !!! (fatso@turtle.insider.sub.de)

\*\*\*\*\*

Eleventh public release.  
AmiNET public release.

\*\*\*\*\*

11.09.94 V2.1 MultiIndicator can quit with the 5-key from the number-block.

No Problems with more MultiIndicators and packed Guides.

\*\*\*\*\*

Twelfth public release.

\*\*\*\*\*

26.09.94 V2.2 ASC-chars < 32 in Guide-files allowed. (Bruno Jansen)

After loading a file the AppIcon disappears and it appears only the file was closed. (Bruno Jansen)

\*\*\*\*\*

Thirteenth public release.

---

\*\*\*\*\*

13.11.94 V2.3 -PUB Keyword implemented again. (Bernd Grunwald)

Danish Catalog, Help-File and Installscript from Martin Rix.

\*\*\*\*\*

Fourteenth public release.

\*\*\*\*\*

## 1.62 Bugs and suggestion

### BUGS AND SUGGESTION

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

## 1.63 Greetings

### GREETINGS

Thanks to:

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
Martin Huttenloher	for the nice MagicWB
Commodore	for the Amiga

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
Martin Rix	for the danish 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

Martin Rix                      for the danish Catalog  
...                                for the ... Catalog

and my ß-tester (in alphabetical oder):

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

and all who sent me a gift, a mail or a letter.