

# MEGA MENU

A menu program for the

Texas Instruments

Home Computer

TI-99/4a

with a TIPI and XB

Mega Menu v2.48 by Wolfgang Hess, 2020-02-27  
Changes to the last version are written in green

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## MEGA MENU

A program for the Texas Instruments TI-99/4a Home Computer to start programs and access the Internet from your TIPI system. TIPI, developed by jedimatt42 and ElectricLab, offers a storage system on a Raspberry PI and Internet support for the TI-99/4a. The MEGA MENU displays the date and time, the XB version number, and the configured directories for the disk drives DSK1, DSK2, and DSK3. The directory allocation can be conveniently changed. Furthermore, the program shows up to 30 menu entries per selection screen. The menu entries can be configured individually. Programs in the formats BASIC, XBASIC, EA5 and some EA3 formats can be started. In RXB, a menu item can also start an RXB USER batch file. A menu item can also be configured to display a submenu with another 30 selection items. The selection screens are automatically stored in separate files in the MEGA MENU folder, so that the MEGA MENU program can be extended almost as desired. Various keyboard shortcuts (CTRL + CODE) can be used to save or print the displayed menu selection or to launch a program for displaying the catalog directory. The program supports the languages English and German. Most of the development and all testing were performed on a true TI-99/4a system with PEB and TIPI extension.

## Features and Functions

- You can use Mega Menu with standard XB, XB2.7, RXB 2015 and maybe all other XB's.
- CTRL+T starts the SETUP program
  - You can change the language between English and German with the built-in setup program and you can configure the printer and the file number for saving a menu screen to disk.
- Extensions in the config menu for the menu entries:
  - You can specify the boot drive from which the program should start. Default is DSK1.
  - The path of the program is the default DSK1 mapping for tipi. That can be changed.
  - For each menu item you can specify a path for DSK1, DSK2 and DSK3 individually.
  - For using in standard XB and for an EA3 program now a LINKNAME can be configured
- The main program and the setup program are compiled with the XBGDP, the Extended Basic Game Developer Package Version "Isabella6", provided by Senior Falcon.
- The Mega Menu program package in the ZIP file installs only one directory "TIPI.MM." in the TIPI main path. All other directories are created under "TIPI.MM.P.XXX". Thus, the program package can be easily tested and, if desired, also removed.
- Additional support for alarming. Remind Alarm is a new function of the MEGA MENU program. This function complements the calendar program REMIND ME (by John A. Johnson).
- New and fast HELP-Screens for the MEGA MENU program and the Remind Alarm function.
- Some changes for better reliability, e.g. Error Handling
- Extension of the setup program for the configuration of Remind Alarm.
- Mega Menu now works in classic99. However, only DSK1, DSK2 and DSK3 are supported.

## New in version 2.48

### This version is only a maintenance release with the following fixes:

- Correction in the title screen: "TI-99 / 4a Home Computer", in v2.47 "Homecomputer" was displayed.
- Correction in the English language file "MM-ENG":
  - In line 8 = variable T007\$ new "loading menu-data", in v2.47 "loading menue-data" was displayed.
  - In line 32 = variable T211\$ new "menu-text", in v2.47 "menu-texts" was displayed in the menu config screen.

### Many thanks to Tim (atariage user: twodland) for giving me this suggestions!

- Fixes in the Mega Menu program loader (file: MML)
  - If a menu selection was called up with a submenu and the setup program was called up with CTRL + T in the submenu, an "Bad Value" error occurred in line 1040 (fixed in MML v2.48).

## Update Mega Menu from version 2.47 to 2.48

If you want to update your existing Mega Menu system from the version 2.47 to the version 2.48 you can easy unzip the file MM248\_update.ZIP in your TIPI folder TIPI.MM.

This change five files in the Mega Menu root path:

- TIPI.MM.MM
- TIPI.MM.MM-X
- TIPI.MM.MM-Y
- TIPI.MM.MM-ENG
- TIPI.MM.MM-MML

That's it, enjoy the new version!

**System Requirements:**

- TI-99/4a Console
- 32 KB RAM
- TIPI card or TIPI PEB card
- XB cartridge or FG99 with XB

**Optional:**

- Final GROM FG99 with RXB or an RXB cartridge
- Disk System
- Printer

**Installation:**

- Unzip the file MM247.ZIP in the TIPI folder on your PI in the folder TIPI.MM or unzip the DSK files in the designated TIPI directories (see page 14 in this manual)

The TIPI SD card on the Raspberry Pi contains the folder for the access from the TI-99/4a in the path: `tipi@tipipeb:~/tipi_disk`

The Mega Menu system should be installed in the subdirectory `.../tipi_disk/MM` or from the Windows PC in `Network > TIPIPEB > tipi > MM`

- For the internet programs please configure in the Tipi: **URI1=<http://www.myti99.com>**

**Please note:**

The language config files of the version 1.8 or 2.16 are not compatible with the language files of this version 2.48! In the package are new language files for English and German included!

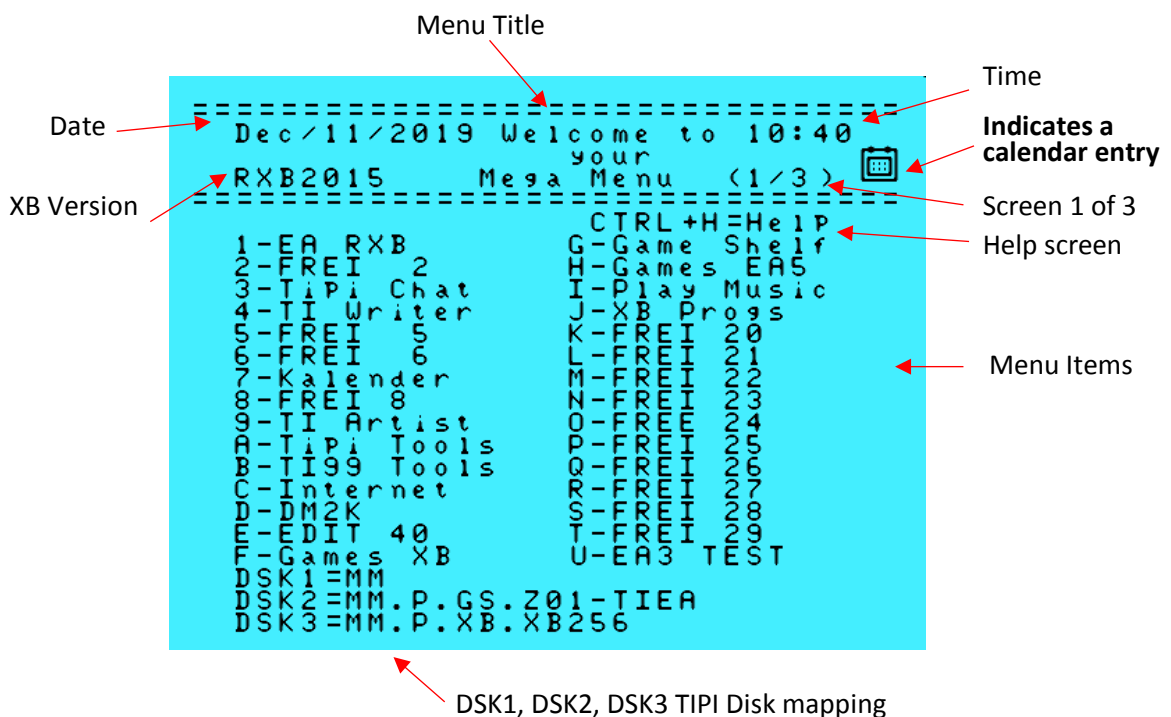
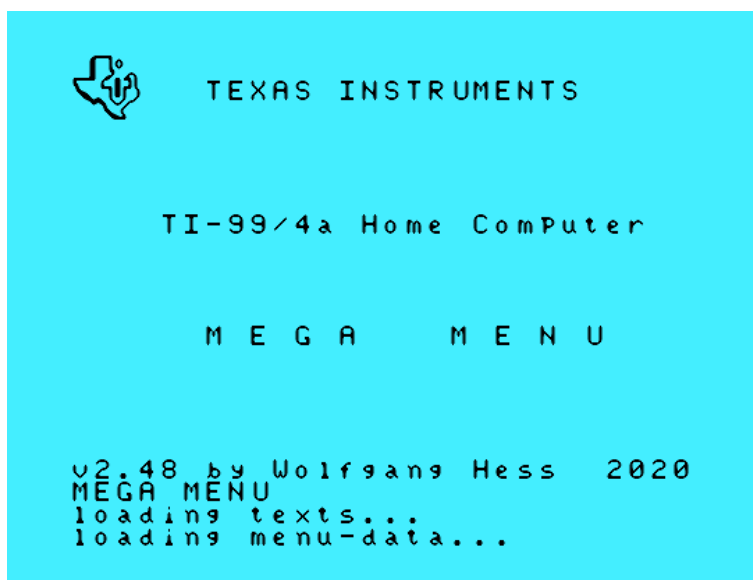
## Starting the program

- TI-99/4a, 32KB RAM, monitor = power on
- select XB MEGA MENU will start with autoloading the LOAD program if DSK1 = TIPI.MM

From the command prompt:

- >RUN "TIPI.MM.LOAD" please use the first time loading the load program. This save the current XB version to DSK1, so the compiled main program can read the XB version back.
- >RUN "TIPI.MM.MM-X" starts the compiled version of MEGA MENU
- >RUN "TIPI.MM.MM" starts the XB version of MEGA MENU

The Title screen appears and the program is loading



From pressing 2 from the TI title screen to the first menu screen, the TI-99/4a needs about 10 seconds. The program has speech support, so you will hear a message for loading the program and loading data. You will hear a BEEP when the menu items are on the screen and a second BEEP if date and time are displayed. About every minute, when the time is updated also sounds a BEEP.

## The help screens

To show the help screens please **press CTRL+H**

<pre> HELP SCREEN                MEGA MENU -----                -----03/10  MEGA MENU shortcuts =====  1-9/A-U = menu selection CTRL+1  = DSK1 mapping CTRL+2  = DSK2 mapping CTRL+3  = DSK3 mapping CTRL+C  = Config menu items CTRL+D  = Directory/catalog CTRL+P  = Print menu screen           Printer config           in MM-setup CTRL+S  = Save screen CTRL+T  = Run MM setup CTRL+H  = This help file BLANK   = Changes to menu           screen 1-3 Next=X  Prev=E  ENTER=EXIT </pre>	<p><b>Help screen</b></p> <p>1-9, A-U = menu selection</p> <p>CTRL+x = DSKx mapping</p> <p>configure the menu items</p> <p>shows the disk catalog</p> <p>Print the menu to a printer</p> <p>saves the menu screen to disk</p> <p>Starts the SETUP program</p> <p>Press BLANK to change to the next menu screen with the next 30 items.</p>
--	--

After screen 3 it changes to screen 1. If you are in a submenu BLANK changes to screen 1 too.

To go back to the MEGA MENU screen just **press ENTER!**

In every menu screen you can press CTRL+D and you get a prompt for cataloging a disk drive 1-3.

For documentation purposes, you can print the menu screen by pressing CTRL + P. The printer should be configured in the SETUP program.

The displayed menu screen can be saved to hard disk with CTRL + S. The saved file is stored in DSK1 and is called SCRXXX, where XXX counts up automatically. The value for XXX is automatically saved in the MM-SETUP file.

The print or save function in the compiled version takes about 7 seconds. A TI-99/4a with Speech Synthesizer will report the progress indicating the start and the end of saving.

You can use the program RSCREEN to show the screen again. I use this program in classic99 to create the screen copies for this documentation.

### TIPI disk mapping

To map a tipi folder to DSK1. **press CTRL+1**

```
=====  
04/14/2019 Welcome to 15:09  
=====  
RXB 2015 Mega Menu (1/3)  
=====  
1-EA RXB          G-CTRL+H=Help  
2-Memory         H-Games EA5  
3-TiPi Chat      I-Nussknacker  
4-TiPi Writer    J-Play Music  
5-RXB Prog       K-XB Progs  
6-RXB neu        L-Grafik/Bild  
7-Kalender       M-Calendar  
8-Autokosten     N-XB PROGRAMS  
9-Ti Artist      O-FREI 23 (N)  
A-TiPi Tools     P-FREI 24 (O)  
B-Ti99 Tools     Q-Entwicklung  
C-Internet       R-AMS Work  
D-DM2K           S-AMS System  
E-EDIT 40        T-AMS Test  
F-Games XB       U-EA3 TEST  
DSK1=new: TOOL.REMIND  
DSK2=XB  
DSK3=TOOL.EDIT
```

The program prompts for input the new path: **TOOL.REMIND without the TIPI prefix!**

**Press ENTER** to accept the input

To change DSK1 to the folder TIPI.TOOL.REMIND you have to input only **TOOL.REMIND!**

```
=====  
04/14/2019 Welcome to 15:09  
=====  
RXB 2015 Mega Menu (1/3)  
=====  
1-EA RXB          G-CTRL+H=Help  
2-Memory         H-Games EA5  
3-TiPi Chat      I-Nussknacker  
4-TiPi Writer    J-Play Music  
5-RXB Prog       K-XB Progs  
6-RXB neu        L-Grafik/Bild  
7-Kalender       M-Calendar  
8-Autokosten     N-XB PROGRAMS  
9-Ti Artist      O-FREI 23 (N)  
A-TiPi Tools     P-FREI 24 (O)  
B-Ti99 Tools     Q-Entwicklung  
C-Internet       R-AMS Work  
D-DM2K           S-AMS System  
E-EDIT 40        T-AMS Test  
F-Games XB       U-EA3 TEST  
DSK1=Mapping...  
DSK2=XB  
DSK3=TOOL.EDIT
```

The program is mapping the new path

The result shows the next picture

```
=====  
04/14/2019 Welcome to 15:26  
=====  
RXB 2015 Mega Menu (1/3)  
=====  
1-EA RXB          G-CTRL+H=Help  
2-Memory         H-Games EA5  
3-TiPi Chat      I-Nussknacker  
4-TiPi Writer    J-Play Music  
5-RXB Prog       K-XB Progs  
6-RXB neu        L-Grafik/Bild  
7-Kalender       M-Calendar  
8-Autokosten     N-XB PROGRAMS  
9-Ti Artist      O-FREI 23 (N)  
A-TiPi Tools     P-FREI 24 (O)  
B-Ti99 Tools     Q-Entwicklung  
C-Internet       R-AMS Work  
D-DM2K           S-AMS System  
E-EDIT 40        T-AMS Test  
F-Games XB       U-EA3 TEST  
DSK1=TOOL.REMIND  
DSK2=XB  
DSK3=TOOL.EDIT
```



## Changing the program language

The program texts are stored in separate language files for German=MM-GER and for English=MM-ENG.

It is easy possible to create a new file for another language and configure the new language file name in the setup file MM-SETUP. You can just use CTRL+T to start the setup program or you can use EDIT40 to change the MM-SETUP file.

TIP: If you provide a new language file, I will include this in the next release of the Mega Menu package.  
You can send me a new file to my mail address wolhess@mail.de

Without mapping, my program will display a PEB 3.5 inch drive for DSK2 and a 5.25 inch drive for DSK3. However, this is configurable in the language file on text position T010\$ and T011\$.

```

=====
04/14/2019 Willkommen 16:36
RXB 2015 Start Auswahl (1/3)
=====
1-EA RXB          G-Games EA5
2-Memory         H-Nussknacker
3-Tipi Chat     I-Play Music
4-TI Writer     J-XB Progs
5-RXB Prog      K-Grafik/Bild
6-RXB neu       L-Calendar
7-Kalender      M-XB PROGRAMS
8-Autokosten    N-FREI 23 (N)
9-TI Artist     O-FREI 24 (O)
A-Tipi Tools    P-4A DOS
B-TI99 Tools    Q-Entwicklung
C-Internet      R-AMS Work
D-DM2K          S-AMS System
E-EDIT 40      T-AMS Test
F-Games XB     U-EA3 TEST
DSK1=MM
DSK2=3.5 in PEB
DSK3=5.25 in PEB

```

In the English language file MM-ENG nothing is entered at these positions. This can be customized according to the used hardware.

```

=====
04/14/2019 Welcome to 16:18
RXB 2015 Mega Menu (1/3)
=====
1-EA RXB          G-Games EA5
2-Memory         H-Nussknacker
3-Tipi Chat     I-Play Music
4-TI Writer     J-XB Progs
5-RXB Prog      K-Grafik/Bild
6-RXB neu       L-Calendar
7-Kalender      M-XB PROGRAMS
8-Autokosten    N-FREI 23 (N)
9-TI Artist     O-FREI 24 (O)
A-Tipi Tools    P-4A DOS
B-TI99 Tools    Q-Entwicklung
C-Internet      R-AMS Work
D-DM2K          S-AMS System
E-EDIT 40      T-AMS Test
F-Games XB     U-EA3 TEST
DSK1=MM
DSK2=
DSK3=

```

## The Mega Menu setup program

To use the SETUP program you can press CTRL+T from the menu screen.

The setup program loads, and you can easily change the language, the printer name and the file number for the “save menu screen” function which is used to create a unique filename. The number is autoincrement by the MM-X program itself.

```

=====
12/10/2019  welcome      18:11
           to the
           MEGA MENU  setup
=====
Language          ENGLISH
Choose:   1 = GERMAN
          2 = ENGLISH
Language file (Path / name):
= DSK1.MM-ENG
Printer (PID / RS232):
= PID
File name for save screen
= DSK1.SCRxxx
start number f. SCRxxx
= 102
correction <C>  next <N>

```

the current language for Mega Menu

You can choose English or German

The location and name of the language file

The name of the printer device

If you have no printer please leave it blank

The start number of the file name for the “save screen” function

Press “C” to correct your input or press “N” to go to the next setup screen.

On the second page the path for the calendar program Remind Me (by John A. Johnson) as well as a lead time for the alarm are configured.

```

=====
12/10/2019  welcome      18:11
           to the
           MEGA MENU  setup
=====
Path f. REMIND ME Program:
TIPI.MM.P.TOOL.REMIND.

Early alert
in minutes (0-60):4

correction <C>  save <S>

```

Press “C” to correct your input or press “S” to save the entries in the file MM-SETUP.

## Configure a new program, or a new menu item for a program

Example 1: The calendar program "REMIND ME" is in the Folder TIPI.TOOL.REMIND and should start from the MEGA MENU main screen selection "L". This is an EA5 file named "REMIND" to start.

First start the config part with **CTRL+C**:

```
=====
      SetuP selection items
=====

Enter a name in the menu
with max. 11 characters

Enter Device and Progname
up to max. 28 characters

Enter "END" to cancel input

Change specific menu item
enter 1-9;A-U;X=all :L
```

The Program text is max. 11 character

Device-name and program name could be up to **28** characters

**Enter the menu item** you will to configure or **enter "X"** to configure all 30 items sequentially

In our example we enter the menu item **"L"**

```
=====
      SetuP selection items
MENU selection 21(L)
=====

Menu-texts21:CALENDAR
loading drive DSKx(1;2;3):1
```

We change the item text to **Calendar**  
The program asks for the loading drive  
Default is Drive 1

Now the program asks for the path and name of the program to start

```
=====
      SetuP selection items
MENU selection 21(L)
=====

Menu-texts21:CALENDAR
loading drive DSKx(1;2;3):1
command / Path and name:
TIPI.TOOL.REMIND.REMIND

Prog ART:5
X == XB Program
U == CALL USER Batch (RXB)
C == (R)XB COMMAND CALL
5 == NEW / SIZE / STOP
5 == EA5 Program
3 == EA3 Program
M == new submenu
```

We enter the path and name of the calendar program

The program checks the input

The program is an EA5 file so we **enter "5"**.

### DSKx Mapping for each menu item

```

=====
      Setup selection items
MENU selection =====21(L)=====
=====

Menu-texts21:CALENDAR
loading drive DSKx(1;2;3):1
command / Path and name:
TIPI.TOOL.REMIND.REMIND

Prog ART:5
X == XBB Program
U == CALL USER Batch (RXB)
C == <R>XB COMMAND CALL
5 == NEW / SIZE / STOP
3 == EAS Program
M == EA3 Program
   new submenu

DSK1 Mapping max. 28 char.
TIPI.TOOL.REMIND
    
```

The program path is the default DSK1 mapping. **Press ENTER**

```

DSK2 Mapping max. 28 char.
TIPI.TOOL
    
```

The mapping for DSK2 is optional in this case input **TIPI.TOOL** and **press ENTER**

```

DSK3 Mapping max. 28 char.
..
    
```

The mapping for DSK3 is optional too. If you leave the field blank, then the mapping in the TIPI applies

After about 3 seconds (compiled version) you will see the menu screen with the new entry.

```

=====
04/14/2019 Welcome to 17:02
your
RXB 2015 Mega Menu (1/3)
=====
      CTRL+H=Help
1-EA RXB          G-Games EA5
2-Memory         H-Nussknacker
3-TiPi Chat      I-Play Music
4-TiPi Writer    J-XB Progs
5-RXB Prog       K-Grafik-Bild
6-RXB neu       L-Calendar
7-Kalender      M-XB RODRIMS
8-Autokosten    N-FREI 23 (N)
9-TiPi Artist   O-FREI 24 (O)
A-TiPi Tools    P-4A DOS
B-TiPi99 Tools  Q-Entwicklung
C-Internet      R-AMS Work
D-DM2K          S-AMS System
E-EDIT 40       T-AMS Test
F-Games XB      U-EA3 TEST
DSK1==MM
DSK2==
DSK3==
    
```

## Configure an EA3 program

For an EA3 program or an object file you can configure the first entry name.

For RXB the program use CALL EARL(PATH.PROGNAME).

You can check this to use selection "U" EA3 TEST, this will start the assembled object file of the Texas Instruments game "Tombstone City"

The program use for XB CALL INIT :: CALL LOAD(PATH.PROGNAME) :: CALL LINK(LINKNAME)

Thus only programs written for XB start can be used!

Maybe I will learn more about TI Assembly and the different environments of TI-BASIC, XB and EA or TIW to find a more practical solution.

```

=====
      Setup selection items
MENU selection          30(U)
=====
Menu-texts30:EA3 TEST
loading drive DSKx(1;2;3):1
command / Path and name:
TIPI.EA3.TOMB-0

Prog ART:3 LINKname:START::
X = XB Program
U = CALL USER Batch (RXB)
C = (R)XB COMMAND CALL
  = NEW / SIZE / STOP
5 = EA5 Program
3 = EA3 Program
M = new submenu

```

## Program ART – Different program types

Program ART is the definition to start a XB program, RXB Call USER File, the RXB Command NEW, EA5 or EA3 programs.

You can start a BASIC or XB program in the same manner to select the program ART to "X".

The selection "U" is able to start a RXB USER Batch file. See the RXB manual for further information about creating a BATCHFILE and using the CALL USER command.

I'm using USER Batch files to start the RXB Editor Assembler or to start the TIPI programs like Chatti or Chess. See selection "3" Tipi Chat".

The program knows a few RXB commands too. I'm using this to enter the command line mode of RXB with the XB program inside (see selection "5" RXB Prog) or without (see selection "6"). The last is using the command "NEW". I have only implemented the commands "NEW", "SIZE" and "STOP".

In the compiled version only the command NEW is useable!

**Hint: You can break the menu program with FCTN+CLEAR!**

## Create a new submenu

Another interesting thing is to create a new submenu

Press CTRL+C to start the config screen and provide the menu text, the filename and select the program art "M".

Example 2: You will configure a new submenu for XB programs, called "XBP-CFG" from the menu screen with the selection "O".

```

=====
      Setup selection items
=====

Enter a name in the menu
with max. 11 characters

Enter Device and Prognam
e up to max. 28 characters

Enter "END" to cancel input

Change specific menu item
enter 1-9;A-U;X=all      :O
  
```

First start with CTRL+C to start the config screen:

Input **"O" + ENTER**

The config screen for item 22 with selection "M"

```

=====
      Setup selection items
=====
MENU selection 24(O)
=====

Menu-texts24:XB PROGRAMS
loading drive DSKx(1;2;3):1
command / Path and name:
TIPI.MM.XBP-CFG

Prog ART:M
X = XB Program
U = CALL USER Batch (RXB)
C = (R)XB COMMAND CALL
5 = NEU / SIZE / STOP
3 = EA5 Program
M = new submenu

DSK1 Mapping max. 28 char.
.TIPI.MM
  
```

Selection Text: **XB PROGRAMS**  
Path/File : **TIPI.MM.XBP-CFG**

Program ART : **M**

DSK1 mapping: **TIPI.MM**  
DSK2 and DSK3 mapping = blank  
**just press three times ENTER**

If the submenu name is used the first time the file have to create, the program will show the following screen:

```

ERROR CONFIG FILE
Rebuild file!
next ? (Y/N)::
  
```

The program shows a file error message and asks for create a new config file: Please **enter "Y" for yes!**

If you answer with "N" for No, the program continues without any changes on the config files.

After a few seconds the program shows the message for a new config file...

```

ERROR CONFIG FILE
Rebuild file!
FILE DSK3.MM.XBP-CFG NEW
next ? (Y/N)::
  
```

... and asks for continue with the program  
Please enter **"Y" for yes again!**

If you answer with "N" for No, the program exits to the RXB prompt, but the config file was created and will be shown if you select "M" from the main screen.

If the answer is "J" or "Y" for yes both times, the program shows your menu screen with the new item.

```

=====
05/05/2019 Welcome to 19:08
your
RXB2015 Mega Menu (1/3)
=====
1- EA RXB          CTRL +H = Help
2- Memory          G- Games EA5
3- TIPI Chat      HI- Zussknacker
4- TIPI Writer    JI- Pias Music
5- RXB prog       K- XB Progs
6- RXB prog       L- Grafik/Build
7- Kalendar       M- GAMES
8- Autokosten    N- BIOS SELECT
9- TIPI Artist   O- XBP PROGRAMS
A- TIPI Tools    P- DOS
B- TIPI Tools    Q- 4B DOS
C- Internet      R- SWicklung
D- DM2K          S- AMMS Work
E- EDIT 40      T- AMMS System
F- Games XB     U- EA3 TEST

NO TIPI!

```

The new submenu "XB PROGRAMS"

The "NO TIPI!" message appears, if no TIPI is activated on your system. In this case no drive mapping is displayed.

Press "O" to select the new submenu and the program shows the new submenu with 30 blank entries.

```

=====
04/14/2019                               17:56
RXB 2015 XBP PROGRAMS SELECTION
=====
1-          1          G-          16
2-          2          HI-          11
3-          3          JI-          10
4-          4          K-          00
5-          5          L-          22
6-          6          M-          22
7-          7          N-          22
8-          8          O-          22
9-          9          P-          22
A-          A          Q-          22
B-          B          R-          22
C-          C          S-          22
D-          D          T-          22
E-          E          U-          22
F-          F          U-          22
G-          G          U-          22
H-          H          U-          22
I-          I          U-          22
J-          J          U-          22
K-          K          U-          22
L-          L          U-          22
M-          M          U-          22
N-          N          U-          22
O-          O          U-          22
P-          P          U-          22
Q-          Q          U-          22
R-          R          U-          22
S-          S          U-          22
T-          T          U-          22
U-          U          U-          22

NO TIPI!

```

Press "BLANK" and the program change back to the main screen.

```

=====
05/05/2019 Welcome to 19:08
your
RXB2015 Mega Menu (1/3)
=====
1- EA RXB          CTRL +H = Help
2- Memory          G- Games EA5
3- TIPI Chat      HI- Zussknacker
4- TIPI Writer    JI- Pias Music
5- RXB prog       K- XB Progs
6- RXB prog       L- Grafik/Build
7- Kalendar       M- GAMES
8- Autokosten    N- BIOS SELECT
9- TIPI Artist   O- XBP PROGRAMS
A- TIPI Tools    P- DOS
B- TIPI Tools    Q- 4B DOS
C- Internet      R- SWicklung
D- DM2K          S- AMMS Work
E- EDIT 40      T- AMMS System
F- Games XB     U- EA3 TEST

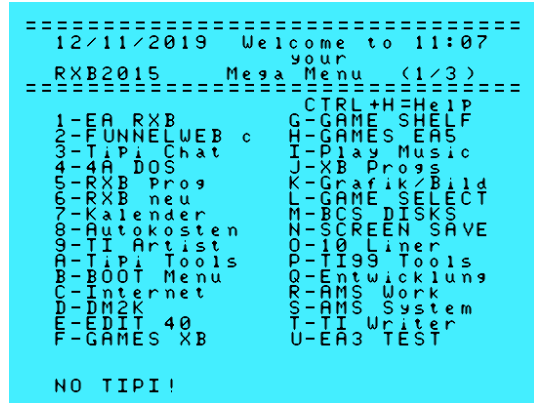
NO TIPI!

```

# The alarm function in the MEGA MENU program

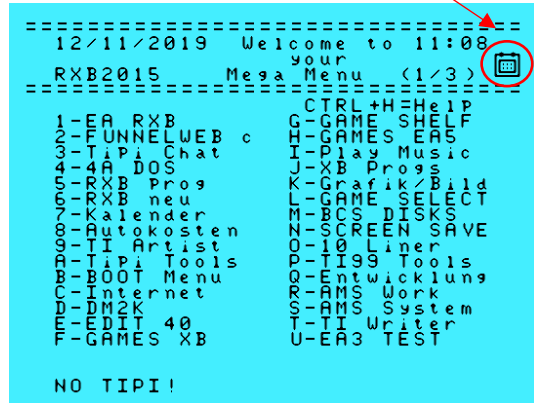
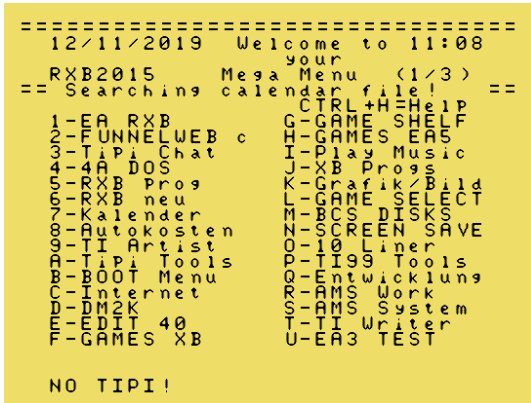
## How do I use this new feature?

Use your Remind Me program for your appointments. Make an entry with the time you want to be notified and enter a short comment. Save your entries before quitting the program!

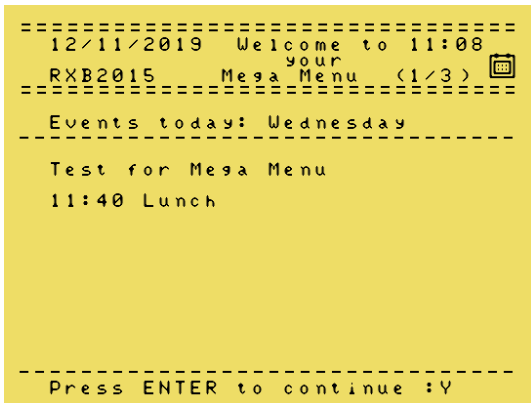


If you then work with the MEGA MENU program, the program waits for your selection and works as usual.

Approximately three minutes after you start the MEGA MENU program, the program will search your Remind Me program calendar file. If an entry exists, it will be signaled in a calendar icon on the menu screen.



With CTRL + E you can view the calendar entries.





If the program in the Remind Me file of the current month finds a left-aligned time entry at the position of the current day and the time is almost reached or the time is in the past, the program screen changes to the alarm screen and displays the time and comment, you entered in the program Remind Me.

```

=====
12/11/2019 Welcome to 11:35
           your
RXB2015   Mega Menu (1/3) 🕒
=====

ALARM
11:40 Lunch
Press ENTER to confirm

```

The alarm screen plays a small sequence of sounds until you press the ENTER key and confirm the alarm.

If an alarm has been acknowledged, Mega Menu marks this in the Remind Me file with a "-" after the time entry. If the program Mega Menu is restarted, there will be no new alarm for this entry.

```

=====
12/11/2019 Welcome to 11:36
           your
RXB2015   Mega Menu (1/3) 📅
=====
Events today: Wednesday
-----
Test for Mega Menu
11:40-Lunch

-----
Press ENTER to continue :Y

```

With CTRL + E you can show the marker in the Mega Menu or you can look in the program Remind Me.

```

SUN MON TUE WED THU FRI SAT
|1| |2| |3| |4| |5| |6| |7|
+-----+
| TEST FOR MEGA MENU |
| 11:40-LUNCH       |
| ■                 |
+-----+
| | |
+-----+
WEDNESDAY, DEC 11, 2019
THE TIME IS

EDIT TEXT OR PRESS FCTN 9 TO ESCAPE

```

Have fun with the new Mega Menu Program and Happy Alarming!

## The MEGA MENU package

To Install the MEGA MENU without a PC connection you can copy the following DISC images to your tipi path, using Fred Kaal's TI99Dir or Michael Zapf's TIIMAGETool:

**Make sure all files are changed from v9t9 to tfiles format!**

<b>MM248.dsk</b>	<b>copypath:</b>	<b>TIPI.MM.</b>	<b>Mega Menu program disc</b>
MM020.dsk	copypath:	TIPI.MM.P.EA	Editor Assembler
MM030.dsk	copypath:	TIPI.MM.P.EA5	EA5 Games
MM031.dsk	copypath:	TIPI.MM.P.EA5	EA5 Games
MM032.dsk	copypath:	TIPI.MM.P.EA5	EA5 Games
MM040.dsk	copypath:	TIPI.MM.P.EXPL	MG Explorer
MM050.dsk	copypath:	TIPI.MM.P.INSCEBOT	ARTIST
MM060.dsk	copypath:	TIPI.MM.P.MUSIK	Playing music over 1 hour
MM061.dsk	copypath:	TIPI.MM.P.MUSIK	Playing music
MM062.dsk	copypath:	TIPI.MM.P.NUTCRACK	Playing Nutcracker Suite
MM070.dsk	copypath:	TIPI.MM.P.TIW	TI-Writer 5.0
MM080.dsk	copypath:	TIPI.MM.P.TOOL	TOOL programs and more
MM082.dsk	copypath:	TIPI.MM.P.TOOL.DM2K	Disk Manager 2000
MM083.dsk	copypath:	TIPI.MM.P.TOOL.EDIT	Fred Kaal's Editor 40 v3.0
MM084.dsk	copypath:	TIPI.MM.P.TOOL.REMIND	Remind me calendar program
MM085.dsk	copypath:	TIPI.MM.P.TOOL.XBRAM	XB Ram disk
MM090.dsk	copypath:	TIPI.MM.P.XB	XB games
MM091.dsk	copypath:	TIPI.MM.P.XB.STRAT	Stratego game by Vorticon
MM092.dsk	copypath:	TIPI.MM.P.XB.A	XB programs
MM093.dsk	copypath:	TIPI.MM.P.XB.XB256	XB Game Developer Package "Isabella" by senior_falcon

The programs in this package, I found on whtech <http://ftp.whtech.com>  
or in the AtariAge Forum, <https://atariage.com/forums/forum/164-ti-994a-computers/>  
or on TI 99/4A Gameshelf. <http://tigameshelf.net/index.htm>

## Overview of the files in the Mega Menu package 1-2

File Name	Description	Typ
LOAD	Autoload for Extended Basic The program shows and stores the current XB version number to file "XBV"	Program
<b>MM</b>	Mega Menu main program XB source	Program
<b>MM-X</b>	Mega Menu main program part 1 XB256 compiled version	Program
<b>MM-Y</b>	Mega Menu main program part 2 XB256 compiled version	Program
<b>MML</b>	Program to start the different program types	Program
MSU	Mega Menu setup program XB source	Program
MSU-X	Mega Menu setup program XB256 compiled version	Program
MM-SETUP	Setup file created by MSU-X, read by MM-X Saves the language, printer name, and sequential file number for the "save menu screen" file	DIS/VAR 80
<b>MM-ENG</b>	English language file, read by MM-X	DIS/VAR 80
MM-GER	German language file, read by MM-X	DIS/VAR 80
MMHELP-ENG	English language help file, read by MM-X	DIS/VAR 80
MMHELP-GER	German language help file, read by MM-X	DIS/VAR 80
MSU-GER	German language file, read by MSU-X	DIS/VAR 80
MSU-ENG	English language file, read by MSU-X	DIS/VAR 80
MMLDAT	File created by MM-X, read by MML stores all parameters to start a program	DIS/VAR 80
MM01-CFG	Used by MM-X to store the menu items of the main screen 1-3	DIS/VAR 80
MM02-CFG	Used by MM-X to store the menu items of the main screen 2-3	DIS/VAR 80
MM03-CFG	Used by MM-X to store the menu items of the main screen 3-3	DIS/VAR 80
MEA5G-CFG	User created file by MM-X to store menu items in a submenu In the Mega Menu program package there are some EA5 Games stored in folder "TIPI.MM.P.EA5"	DIS/VAR 80
MEA5G2-CFG	User created file by MM-X to store menu items in a submenu In the Mega Menu program package there are some more EA5 Games stored in folder "TIPI.MM.P.EA5"	DIS/VAR 80
MTIPI-CFG	User created file by MM-X to store menu items in a submenu In the Mega Menu program package there are some TIPI specific programs and INTERNET programs stored in folder "TIPI.MM.P.TOOL" or stored in the INTERNET path configured by TIPICFG in URI1, URI2 or URI3	DIS/VAR 80

## Overview of the files in the Mega Menu package 2-2

File name	Description	Typ
MTOOL-CFG	User created file by MM-X to store menu items in a submenu In the Mega Menu program package there are some TI99 tool-programs stored in folder "TIPI.MM.P.TOOL"	DIS/VAR 80
MXBGA-CFG	User created file by MM-X to store menu items in a submenu In the Mega Menu program package there are some BASIC/XB-game programs stored in folder "TIPI.MM.P.XB"	DIS/VAR 80
MXBPR-CFG	User created file by MM-X to store menu items in a submenu In the Mega Menu program package there are some XB-programs stored in folder "TIPI.MM.P.XB"	DIS/VAR 80
MGS01-CFG	User created file by MM-X to store menu items in a submenu In the Mega Menu program package there are some programs stored in subdirectories of "TIPI.MM.P.GS"	DIS/VAR 80
SCR101	Created by MM-X with CTRL+S, save menu screen to disk	DIS/VAR 80
XBV	Created by LOAD to store the XB version, because the XB256 compiler cannot compile the CALL VERSION(X) command	DIS/VAR 80
CHATTI-BAT	Sample RXB CALL USER file to start TIPI-CHATTI	DIS/VAR 80
CHESS-BAT	Sample RXB CALL USER file to start TIPI-CHESS	DIS/VAR 80
EA-BAT	Sample RXB CALL USER file to start REA	DIS/VAR 80
MXT-BAT	Sample RXB CALL USER file to start TIPI-Mass Transfer program	DIS/VAR 80
PLATO-BAT	Sample RXB CALL USER file to start TIPI-PLATO Term program	DIS/VAR 80
SNEK-BAT	Sample RXB CALL USER file to start TIPI-SNEK	DIS/VAR 80
TELNET-BAT	Sample RXB CALL USER file to start TIPI-TELNET	DIS/VAR 80
DIR	Catalog program used by MM-X	Program
RSCREEN	Stand-alone program to show a saved menu screen file created by MM-X	Program
TIPI.MM.P.	Program directory All example programs stores in the subdirectories of TIPI.MM.P.XX	SUBDIR

### Mega Menu distribution files:

#### MM247.zip

This file contains all Mega Menu Programs

#### MM247\_DISKS.zip

This file contains all Mega Menu Programs in v9t9 disk images xxx.DSK

#### MM247\_UPDATE.zip

This file contains only the changed files to update version 2.47 to 2.48.

## Legal notice

All of the software in the MEGA MENU package is considered abandonware or public domain. However, if you are the copyright holder of a program and do not want it to distribute, please let me know and it will be removed immediately.

The MEGA MENU program I provide as a public domain program for the TI community.

## Comments from the author

I developed the program for my own use and it runs almost daily on my TI-99/4A. This gives me a good overview of my TI applications and games, as well as easy access to the Internet programs made possible by the TIPI system. My thanks to the TIPI developer team Jedimat42 and ElectricLab for the TIPI system and Senior\_Falcon for providing his XBGDP package with which I was able to compile and assemble the MEGA MENU program for faster execution. Furthermore, I thank the members of the AtariAge Forum, here I have found many tips and solutions for my developing project.

I'm sure the program is not free from errors. If you find errors or if you have suggestions for an extension, please let me know.

## Contact

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## Next steps

- add multi language support (first English and German) v1.8 done
- support for standard XB v2.16 done
- compiling with XB256 v2.16 done
- add alarming function, new HELP file, classic99 Support with DSK1-3 v2.47 done
- **Maintenance release with some minor fixes** **v2.48 done**
- SAMS memory support for more features
- support for long path names >28 chars
- support for classic99  
without TIPI but using of the DSK1 to DSK9 or using the network  
connection to the TIPI paths of the Raspberry PI
- add more programs, games

## Changelog

- |              |   |                        |
|--------------|---|------------------------|
| V1.4         | Initial Beta release  | Apr / 07 / 2019        |
| V1.8         | Multi language support, speech support, print menu screen<br>save menu screen to disk                           | Apr / 14 / 2019        |
| V2.16        | Support for standard XB, main program compiled with<br>(XBGDP) Extended Basic Game Developer Package "Isabella" | Mai / 08 / 2019        |
| V2.47        | Alarming, new Help file, works in classic99   | Dec / 12 / 2019        |
| <b>V2.48</b> | <b>Maintenance release with some minor fixes</b>  | <b>Feb / 27 / 2020</b> |