

**a2m**

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**COLLABORATORS**

	<i>TITLE :</i> a2m		
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**REVISION HISTORY**

NUMBER	DATE	DESCRIPTION	NAME

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# Chapter 1

## a2m

### 1.1 Abk2Mod 2.1 - User Manual

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A B K 2 M O D v 2.1  
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Shareware evaluation version

The final converter for AMOS Music Banks into tracker modules

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How to contact the author
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### 1.2 Abk2Mod v2.1 - Overview

#### OVERVIEW

ABK2MOD converts AMOS Music Banks into standard ProTracker modules,

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using an easy-to-use grafical interface: handles banks created with AMOSMusic Konverter, GCM2Abk and, theoretically, SonixConverter. The reason that lead me to write this program was the impossibiity to see AMOS musics in a Protracker-like program: I really love see my modules working in Protracker...

Abk2Mod is SHAREWARE, this is to say that if you use it, you are morally obliged to pay

the regfee  
, obtaining in this way

the full working Abk2Mod package. Since I heard of many people that uses Abk2Mod without registering, I decided to put a seiries of boring requester when entering/exiting from the program. To make registering as easy as possible I've introduced a keyfile system: infact from 2.0 version you can get new releases of Abk2Mod directly from my homepage or from Aminet (dev/amos) ant then use the keyfile to make it registered. And, last but not least, for the happyness of every-without-money persons, the basic registration is FREE!  
Go to the

registration chapter  
for more infos.

NOTE: my English is not very well, so don't blame me about mistakes in this English version of Abk2Mod manual. I think that not-italian people prefere a mistaken English than a perfect Italian.  
If you find mistakes, please correct them and send me the doc:  
I ask you to not redistribute it without my permission.

## 1.3 Abk2Mod v2.1 - Registration

### REGISTRATION

You can register Abk2Mod in two ways: as USER or as SUPPORTER. In all cases I will send you a keyfile with your personal data encrypted, that will disable/enable some functions.

#### USER

This keyfile is FREE, but you can only receive it via electronic mail and this keyfile may expire when I will change, for a reason or for another, the keyfile encryption system (but naturally you can ask another keyfile...;). This keyfile will disable all shareware requester but it will not enable the 'Play Mod' option.  
Simply send me the  
regform  
filled in all its parts via email.

#### SUPPORTER

If you want to hear the converted module before saving it on disk, then you should register as supporter. This key file is not FREE (see the table below) and you can obtain via e-mail or snail-mail only sending the  
regform  
completed in all its part along with the  
sum of money required.

Currencie	via E-Mail	via Snail-Mail
Italian Lires	10.000	15.000
Deutsch Mark	10	15
American Dollars	7	10
English Pounds	4	7

As you can see in the prevoius table if you want to receive the key file via e-mail it will cost you less than via snail-mail.

If someone translate this manual in a language different form italian or english, he can obtain a FREE SUPPORTER keyfile. Please before starting on a work, tell me that, because someone could have done it before you!

```
*****
THE REGISTERED VERSION CAN NOT BE REDISTRIBUTED IN ANY FORM!!
ITALIAN AND INTERNATIONAL LAWS PUNISH THIS TYPE OF CRIME
*****
```

I will not forgive pirates: think twice before coping to friends or to pirate sites the registered keyfile of Abk2Mod or before modifying it without my written permission. I think that the registration fee is very low, I made Abk2Mod shareware not to make money but to know all its users. The regfee is only a small return for the time spent on this program.

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The demo version can be copied freely, but you can't make money selling it at high prices! PD magazines, librarues, Aminet, FredFish can include the demo version in its own CDs or coverdisk! If you want include Abk2Mod in shareware or commercial package you must first obtain a writte permission form the Abk2Mod author.

```
*****
THE AUTHOR CAN NOT BE PERSECUTED FOR SOFTWARE OR HARDWARE DAMAGE
CAUSED BY USE OR MISUSE OF THIS PROGRAM. NO WARRANTY IS GIVEN.
*****
```

## 1.4 English Regform

### THE REGFORM

In order to register please send me this regform filled in all its parts, along with money (if required) in a closed envelope. If you are under-18 then the signature must be of one of your parents. You can choose the currency of the payment, but be sure that it will correspond to the required sum rounded in excess.

----- CUT HERE -----

Name..... Surname.....  
 Address.....  
 City.....State/Province.....  
 Zipcode..... Country.....  
 E-mail (if available).....  
 PhoneNumber (optional)..... Date of Birth..../.../...  
 My Amiga configuration .....

Notes.....

Registration type:         USER                     SUPPORTER

I understand that I can't copy the keyfile to anyone and if I do that I'll be persecuted by international laws. The author cannot be held responsible for software/hardware damages caused by use or misuse of any version of GTXConv.

PAYMENT METHOD

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(fill only if you want to register as SUPPORTER)

I want to receive the registered keyfile via E-Mail		I want to receive the registered keyfile via snail-mail
<input type="checkbox"/> 10 Deutsche Marks		<input type="checkbox"/> 15 Deutsche Marks
<input type="checkbox"/> 4 English Pounds		<input type="checkbox"/> 6 English Pounds
<input type="checkbox"/> 7 US Dollars		<input type="checkbox"/> 10 US Dollars
<input type="checkbox"/> 10000 Italian Lires		<input type="checkbox"/> 15000 Italian Lires
<input type="checkbox"/> equivalent (.....)		<input type="checkbox"/> equivalent (.....)

I enclose the registration fee as cash along with this regform in a closed envelope (or via e-mail if USER) addressed to:

Bugada Andrea  
 Via IV Novembre 86  
 13060 Lessona (BI)  
 ITALY

E-Mail: bitless@freenet.hut.fi

Date..... Signature.....

----- CUT HERE -----

## 1.5 Abk2Mod v2.1 - AmigaE version features

### AMIGAE VERSION FEATURES

- standard graphic interface
- S.O. completely legal
- 3 times faster than version 0.9B
- 5 times smaller (about 50K gained!)
- better requesters (uses Reqtools.library © Nico Francois)
- less memory usage (about 130K less)
- many bugs fixed
- gadget keyboard shortcuts
- better sample conversion routine
- GUI font-sensitive
- etc. etc.

## 1.6 Abk2Mod v2.1 - Hardware & Software Requirements

### HARDWARE AND SOFTWARE REQUIREMENTS

In order to run Abk2Mod requires an Amiga v37+ (WB2.04+), some AMOS Music Banks, and in LIBS: a shared library must be present:

reqtools.library - © Nico Francois

Other libraries used by Abk2Mod generally are in ROM or in the default LIBS: drawer, since they are system-libraries.

The keyfile that you will receive after registering should be placed in L: directory.

NOTE: since version 2.0, Abk2Mod is not compatible with 1.3 Amiga.  
If the request will be high enough, I will create a 1.3 compatible version.

## 1.7 Abk2Mod v2.1 - How to use the program

### HOW TO USE THE PROGRAM

After launching Abk2Mod a little GUI appears. Here you can find some gadgets, controlling the program.

LOAD

opens the filerequester in order to choose the AMOS Bank to convert. When loaded the bank is converted into standard tracker module.

NOTE: the AMOS Bank must be a music one and not a sample, sprite or icons bank, otherwise the program will not load it.



**SAVE**

opens the requester in order to select the location and name of the just converted module.

**PLAY/STOP**

start the playing of the just converted module. This gadget allow you to hear the module before saving it, lets you saving time in the case of a corrupted module or mistaken selections. To stop playing simpli click to 'Stop' in the requester that will appear (function only for SUPPORTER users).

**INFO**

shows some infos about the author and the program.

**QUIT**

aborts the program. Remember to save any converted module before exiting otherwise you will loose it!.

**LED**

enable/disable the LED command conversion. Please refer to

LED ON/OFF  
for more infos.

When a bank is loaded, Abk2Mod converts it. Then then gadget SAVE{ui} will be enabled as well as PLAY/STOP, so you can save or hear it.

No errors should occur during conversion, since the converting routine is well coded, but if something goes wrong a requester will inform you of this. Please if any errors happen please send me the incriminated module for debugging.

## 1.8 Abk2Mod v2.1 - The LED ON/OFF conversion

### THE LED ON/OFF (E00,E01) CONVERSION

The AMOS Music Converter handles any "Exx" command as the one to enable/disable the LED (filter). Abk2Mod gives you the chance of avoiding any LED commands. If the LED gadget is enabled all commands will be converted, otherwise, if the LED gadget is disabled, the E00 and E01 command will be skipped. If you are in doubt, convert the bank with the led command enabled, and if it plays wrong, reconvert it disabling the LED command.

NOTE: if you change the LED gadget status you must reload the module to hear differences.

## 1.9 Abk2Mod v2.1 - Known bugs

### KNOWN BUGS

Coding a program is not simple: also the best programmer ever makes

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mistakes, and the resulting program suffers of bugs. Since I'm not infallible, Abk2Mod can contain bug somewhere. If you find one of them please report it to me. The program has been tested using AMOS Banks produced by AMOS Music Konverter v2.1 and GMC2Abk. If you can test Abk2Mod with a module created by SonixConverter please tell me the results and eventual problems.

If, during playing of a module, you hear strange beep in background please use a ProTracker like program and cut last bytes of the sample that cause the beeps. This is not my fault but AMOS one because the samples data often are corrupted. In a future version I'll try to fix this tedious problem...

From version 2.1 Abk2Mod is EnforcerHit-free. All illegal memory accesses have been removed, so now the program should be compatible with all Amiga models.

## 1.10 Abk2Mod v2.1 - Error messages

### ERROR MESSAGES

During execution of Abk2Mos some errors may occur. Here a full description of each one ("->" represents a probable solution):

#### COULD NOT OPEN FILE

the file you choosed doesn't exist or is unreadable.

-> Make sure that the selected file exists, is readable (protection bit 'r' enabled), and that is not corrupted.

#### NOT AN AMOS MUSIC BANK

the file you selected is not an AMOS Music Bank or is corrupted.

-> Make sure that the selected file is the right one and that is a music bank.

#### FILE SIZE IS GREATER THAN 40K

the demo version can't load files larger than 40K.

-> Register :)

#### NOT ENOUGH MEMORY

There is not enough memory to convert the module. Although Abk2Mod works fine on a 512K Amiga, in order to convert big modules 1Mb is required. The contiguous memory available must be at least the double of module size.

-> Close all programs working in background and if it's not enough buy a memory expansion card ;)

This error may occur even with a lot of memory available: the Amiga memory is defragmented and Abk2Mod requires contiguous memory.

-> Reset your Amiga and retry.

#### CONVERSION ERROR

An internal error has occurred during conversion.

-> Send me the module that caused the error

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**COULD NOT READ/WRITE FILE PROPERLY**

Abk2Mod can't read or write the module on that certain support. This can be caused by several factor: above all a unreadable disk track, or a full device (like disk, or HD).

- > Change the support for the module you want save/load. Make sure that in the disk the space is enough to contain the converted module.

**COULD NOT OPEN xxx.LIBRARY**

Abk2Mod can't find a required library. All these libraries must be placed in your LIBS: drawer with lowercase name.

- > Make sure that Abk2Mod is  
    installed  
    properly.

## 1.11 Abk2Mod v2.1 - History

### ABK2MOD HISTORY

- v0.9β Beta-version, released only to betatesters.
- v1.0β Beta-version; completely rewritten using AmigaE language. Better interface, size and performance.
- v1.1β Beta-version; gadget shortcuts added, better handling of requesters. Now "reqtools.library" is closed when the program terminate. Strange loops has been deleted. Better samples conversion (no more truncated samples). More optimized code.
- v1.2β Beta-version; if during conversion an error happens, the program exits legally, closing all libraries and GUI. Better memory handling, it will be ever deallocated.
- v1.3β Beta-version; minor bugs fixed, added the Protracker module replayer. Now gadgets selected by shortcuts are rendered.
- v2.0 New graphic interface: more userfriendly and, above all, font sensitive. Added compatibility with music banks created by GMC2Abk and, theoretically, by Sonix Converter (not tested). Added gadget 'Led' to let the user choose if convert the filter commands E01, E00. Sometimes loops was mistaken like the number of pattern positions: fixed!
- v2.1 Now Abk2Mod is EnfocerHit-free: it should be compatible with all actual and future Amiga models. New keyfile system.

## 1.12 Abk2Mod v2.1 - How to contact the author

### THE AUTHOR

If you want to contact me. just send me a letter via e-mail (preferred) or via snail-mail. My addresses:

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VIA IV Novembre 86  
13060 Lessona (BI)  
ITALY

Tel. +39-[0]15-981688  
E-Mail: bitless@freenet.hut.fi

HomePage: <http://www.geocities.com/CapeCanaveral/1350>

Because I speak a very poor English, I suggest you to phone me only if you speak italian or if you have a big patience! Feel free to contact me for bugs, suggests, donations o for any other reason. Bye.

Andrea Bugada

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