

AMOS Errors

AMOS Professional offers several sets of error messages to help you correct your programming mistakes. Editing error messages may appear while you are in the middle of programming. Program error messages can happen when you test your work. Run time messages come complete with their own number code, and they pinpoint errors while your program is running. Error messages appear in the information line of your screen, and are automatically displayed to help and inform you.

Editing error messages

While you are editing programs, one of the following messages may appear.

Bottom of text

The text cursor has come to the last line of your current program.

Cannot delete warm-start information!

You've tried to use AMOS Warm-start system on a Write protected disc. AMOS won't reload until the "AMOSPro.LastSession" has been successfully deleted. Remove the protection and try again. If the problem persists, you'll have to delete the file manually. It's in the APSystem folder.

Cannot hide the last window

AMOS Professional always requires at least one window on the screen at any one time. So you can't hide the final window away as an accessory.

Cannot load configuration

If you've tried to load a new configuration using the option in the [Config] menu, and the file you have selected is not valid then this error will be generated. It will also appear in the CLI or Workbench if AMOS Professional cannot load the default configuration when it is being booted or re-loaded after a KILL EDITOR command. A backup copy of the default configuration file can be found in the Extra_Configs folder on the AMOSPro System disc.

Cannot load included file

The INCLUDE command can't find your chosen include file. Check that it's available in one of your drives.

Cannot save configuration

AMOS can't save your configuration file onto your start-up disc. This error can occur if you've selected the [Save Configuration] feature from the [Quit Options] menu or when saving from the menu item in the [Config] menu. If there's not enough space on your boot-disc, or it's write protected, you'll get an error.

Cannot save editor set-up: warm start not enabled

AMOS Professional cannot save the AMOSPro.LastSession file or cannot save one of the program files being worked on. This can happen for many reasons - disc protected, no disc in drive, disc full etc. If this happens, the next warm-start procedure is aborted and the next time you boot up you'll have an empty editor.

Disc error

The Editor has been unable to load a configuration file, include file, or library from the current disc. If the file is on a floppy, try re-inserting it a couple of times. If all else fails, use DISCDOCTOR to salvage your data and try again with a fresh disc.

Editor command not runnable

ASK EDITOR and CALL EDITOR can only be used by EDITOR ACCESSORIES. These are normal programs with a SET EDITOR command at the start.

Editor function not found

You've used an incorrect function number in an ASK EDITOR or CALL EDITOR command.

Error in previous program

There was a problem with the accessory program you've called up with PRUN, or accessed from the USER MENU.

If possible, bring up the listing on the screen, and try running the program again from an editor window. You should spot the error immediately.

Line too long

You've tried to enter a line into the editor which is longer than the maximum of 251 characters. If possible, split the line into a number of smaller pieces.

Mark not defined

This error is generated using the [Goto] system mark and [Goto] user mark from the [Editor] menu. You are only allowed to jump to a mark if it's been previously defined from the editor. User marks are created by you, but System marks are generated automatically whenever you move through an AMOS program listing. However, if you call them straight after a program has been loaded, you can still get this error.

No errors

No errors have been detected in the current program during the testing process.

No macros defined

If you try to clear macros when there are none set-up this message will be displayed.

No more Redo

You've run out of things to redo. You can only redo lines which have been previously recalled by the UNDO command. So every REDO matches exactly one UNDO operation.

No more Undo

You've reached the end of the stored key presses used by the undo option. If you've got enough memory, AMOS Professional will happily allow you to undo the entire editing session a character at a time.

Not a procedure

You are trying to use the [Procedure Open/Close] options, but the text cursor is not positioned over a procedure.

Not an AMOS program

You've attempted to load the wrong sort of program into the Editor. AMOS Professional is compatible with all versions of AMOS and Easy AMOS. But you can't load .AMOS format compiled programs created from the original AMOS Compiler.

Not done

This "error" is generated when you abort from an operation such as [Load], [New], or [Quit] from the Editor. It's also produced when the editor is unable to comply with your instructions.

Not found

A SEARCH or REPLACE operation from the Editor has been unable to find your requested search string.

Out of buffer space

The AMOS Professional Editor stores each program listing in an internal "memory buffer". If you run out of space in this buffer, you'll get an "Out of buffer space" error. The solution is to use the [Set Text Buffer] function from the [Editor] menu to increase the allocation. Each extra byte can hold a single character in your program listing. Note that providing you INCREASE the memory buffer, your current program listing will be perfectly safe. If you reduce it however, it will be erased from memory!

The most common cause of this problem is when you select the "Automatic Adaptation" option after loading a large file. This will reserve just 254 bytes for your editing operations. If you click on [No], AMOS will automatically call [Set Text Buffer] so that you can expand the memory buffer to a more sensible size.

Out of Editor memory

You've tried to load an AMOS program which is too large to fit into the available memory. If you've several windows open, try closing some of them to grab back a little extra space. Don't forget to save any changes first! Also check the amount of available memory with the [Information] option from the [Project] menu. If there seems to be plenty of Ram, you've probably suffered from a memory fragmentation problem. Save your programs, and reboot your Amiga from scratch.

Out of memory

There is no more memory available to hold the current programs. Using the CLOSE WORKBENCH instruction can restore 40k of memory used by the Workbench screen.

Out of memory: Cannot load program

This error is generated when there isn't enough memory to hold an accessory program assigned to one of the Editor options. It's also produced by the PRUN command. The solution is to free up as much memory as possible by closing any unused windows. If you still can't call the program, save any changes and re-boot AMOS Professional from scratch. This re-initialises the Amiga's memory system and provides the maximum storage space your AMOS programs.

Please choose a RELOCATABLE PROGRAM!

The [Insert Program] option from the [Editor/Procedures] menu only works with 68000 machine code programs in PC relative (relocatable) format. If you've included instructions which move directly to a fixed memory location, your assembler will have placed extra relocation information at the end of your machine code. This cannot be used by AMOS Professional, so your program will be rejected out of hand.

Program already running

This will occur if a program tries to PRUN itself.

Program is not an accessory

You are using Accessory specific commands (ASK EDITOR, CALL EDITOR etc.) within program that is not an Accessory. To be an Accessory, a program must include SET ACCESSORY at the beginning of its code and also be called from the Editor menus.

Sorry! Editor configuration not recoverable!

AMOS Professional has attempted a Warm-start. In order to work it needs to be able to find the "AMOSPro.LastSession" file from the APSystem folder. If this is corrupted, or write-protected, you'll get an error when you try to load AMOS Professional. If you've write-protected the disc, remove the protection, and try again. If it still fails to load, delete the "AMOSPro.LastSession" file from the CLI and re-boot. AMOS Professional should now load correctly.

Syntax error

The current line of your program is written wrongly. You must have the correct syntax or "grammar" for the construction you are trying to use, as explained in this User Guide.

Text buffer too small

The SET TEXT BUFFER command from the Editor menu will not allow you to set the text buffer smaller than 1024 bytes. Try a higher value.

Too many direct mode variables

Normally, you are allowed to create up to 64 new variables while in direct mode. If your program is using too much memory, space in the variable table may become restricted.

This editor command needs a string

An ASK EDITOR or a CALL EDITOR command has been used with the wrong sort of parameters. It was expecting a string, but you've entered a number instead.

This file is not an AMOSPro Macro file!

The [Load Macros] option from the [Project/Macro] menu has attempted to load a file which is in the wrong format.

This function cannot be used in a macro!

When you're creating a Macro, you're not allowed to call up any existing Macro definitions from the keyboard. If you try, you'll get a dialogue box with this error, and your Macro definition will be aborted.

This key is not assigned to a macro!

The macro definition you've attempted to delete with [Erase Macro] does not exist! You've probably made a typing mistake.

This is not a relocatable executable routine!

You've attempted to use INSERT PROGRAM to install the wrong type of program into a procedure. This program file must contain a 68000 machine code routine in PC relative (relocatable) format. Programs created with the AMOS Compiler are NOT acceptable!
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This is not a 'User' menu option!

The Delete Option command can only be used to delete entries from the User Menu. If you try to wipe out any other item, you'll get an error.

This line can't be modified

You've tried to edit a line containing a closed procedure. This is not allowed! If the procedure contains normal AMOS instructions you can use F9 to expand the definition onto the screen. Machine code procedures can't be listed in this way.

This menu option cannot be assigned to a key

The [Set Key Short-cut] option from the [Config] menu can't be used to assign short-cuts to an Accessory program listed in the AMOS menu.

This menu option cannot be assigned to a program!

The [Set Program to Menu] feature from the [Config] menu allows you to assign practically any menu item to an AMOS program. The only exceptions, are the various Accessory options from the AMOS Menu. These can't be redefined from the editor.

This menu option is already assigned to a program!

You've tried to assign a new program to a menu item which has already been set up. Click on [Cancel] to abort, or [Replace] to assign your new program.
Top of text
The text cursor has come to the first line of your current program.

Variable name buffer too small

You have used too many overlong names for your variables. Variable names are held in a buffer, and its default size may be changed from the [Set Interpreter] option in the [Config] menu.

Warm-Start Error

AMOS Professional has attempted to re-start using the session data held in the "AMOSPro.LastSession" file from the APSysSystem folder. This can happen if you attempt to warm-start AMOS Professional from a Write-Protected disc. Remove the protection and try again. If AMOS still fails to load, there's probably been a disc error of some sort. So delete the "AMOSPro.LastSession" file from the CLI and re- boot. AMOS should now load as normal.

What block?

You've tried to use the Block commands without defining a block on the screen. This can be accomplished with the [Ctrl]+[B] or [Block On/Off] option from the [Block] menu. You'll also get this error if you try to [Print] or [Save] a block. These operations first require you to grab the block into memory with [Store] or [Cut]. Highlighting the block is not enough!

You should assign a program to this option!

You've called a menu option from the user menu which doesn't have a program assigned to it. Use the "Set Program To Menu" feature from the Config menu to install an AMOS program to this option.

Program errors

There is no need to wait until your programs are executed before any errors become obvious. By making use of the [Test] option, an automatic check is made of all the instructions in your current program while you are still editing.

The following messages may also appear when a program is [Run].

Array already dimensioned

You are trying to dimension an array that has already been dimensioned in the current program.

Array not dimensioned

You must first give an array a dimension before it can be specified in an expression.

Can't open narrator

The file "narrator.device" cannot be found in the current "devs:" directory.

This instruction must be alone on a line

You must place a DATA statement at the very beginning of a line. The only exception to this rule is when you define a LABEL.

DO without LOOP

A DO structure has been located without a corresponding LOOP command to end it.

ELSE without ENDIF

You have forgotten to end an IF test with its ENDIF command.

ELSE without IF

An ELSE command must be preceded by an IF command.

ENDIF without IF

An ENDIF command has been found without an IF statement for it to refer back to.

Extension not loaded

You are trying to run a program that makes use of one or more new commands that are held in an extension file.

Make sure that the appropriate extensions are installed on your boot disc and that the extensions have been selected from the [Set Interpreter] menu option.

FOR without matching NEXT

You are trying to use a FOR command, but have forgotten to follow it with a NEXT statement.

IF without ENDIF

A structured IF test must be ended by a single ENDIF statement. This sort of IF test is totally different from an IF ...

THEN command.

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Illegal direct mode

Direct mode only permits you to run certain types of instructions from the command line. All program control

instructions such as FOR, .NEXT, IF, .THEN, GOSUB, and GOTO are forbidden. In addition, you are NOT allowed

to call any AMOS Professional procedures from direct mode.

Illegal number of parameters

You've entered the wrong number of values in one of your AMOS Professional instructions. You can find the

correct syntax using the HELP system. Just position the cursor over the start of the offending instruction, and hit the

HELP key from the keyboard.

Included file is not an AMOS program!

The AMOS INCLUDE system is only capable of including runnable .AMOS format programs. You've probably

typed the filename wrong.

LOOP without DO

A LOOP command has been found, but there is no DO statement to trigger it off.

Label defined twice

A label or procedure can only be defined once in each program.

Music bank not defined

The music number you are looking for is not in the current music bank.

Music bank not found

There is no music bank.

NEXT without FOR

You have forgotten to precede a NEXT instruction with its FOR command.

No ELSE IF after an ELSE

The ELSE IF statement can only be used between the IF and the ELSE of an IF..ELSE..ENDIF test. You're not allowed to insert it between the ELSE and the ENDIF.

No THEN in a structured test

You cannot use IF ... THEN inside a structured test, but you are allowed to make use of IF ...ELSE IF ... ENDIF.

No jumps allowed in the middle of a loop!

You can only jump out from a loop once you are inside of it. You cannot jump into a loop using a GOTO or GOSUB statement.

Not enough loops to exit

You have specified a larger count of loops than the number of active loops available in your EXIT or EXIT IF command.

Out of memory

During a [Test] operation, this error message may appear when there is not enough memory available to reserve the required variable buffer space. Please see the SET BUFFER command.

Procedure's limits must be alone on a line

All PROCEDURE and END PROC statements must begin on their own line.

Procedure not closed

You have forgotten to end one of your procedures with an END PROC statement.

Procedure not opened.

An END PROC statement has been discovered without a corresponding PROCEDURE defined before it.

REPEAT without matching UNTIL

A REPEAT instruction has been found, but there is no UNTIL statement to go with it.

Sample not defined

You are trying to play an audio sample that does not exist in the current sample bank.

Shared must be alone on a line

The SHARED command must be the only statement on the current line.

Structure too long

Loops in AMOS Professional have a maximum span of 65,536 bytes. So if you have lines between a FOR.. .NEXT loop that exceed this limit you'll receive this error. The same applies to IF...ENDIF and all other loops.

Syntax error

The current line of your program is written wrongly. You must have the correct syntax or "grammar" for the construction you are trying to use, as explained in this User Guide.

This array is not defined in the main program

If a SHARED command is used within a procedure but the array that you want to share is not dimensioned at the start of the program then this error will occur.

This instruction must be used within a procedure

You are trying to use the SHARED command outside of a procedure definition.

This variable is already defined as SHARED

You are not allowed to define the same variable more than once in a single procedure.

Trap must be immediately followed by an instruction

The TRAP command runs an AMOS instruction and automatically traps any error before returning to the next line.

UNTIL without REPEAT

You have used an UNTIL command that does not refer to a previous REPEAT statement.

Undefined label

Your program is trying to find a label that you have forgotten to specify.

Undefined procedure

You are trying to call up a procedure that does not exist in your program.
Use empty brackets when defining a shared array
You are not allowed to include the dimensions of an array when you define it as SHARED.

User function not defined

You've probably tried to call a non-existent user defined function from direct mode. Note that Direct mode can access any User Defined functions created by your current program. Providing they've been installed in memory with a RUN, they can be used with impunity.

Variable buffer can't be changed in the middle of a program!

Apart from a REM statement, the SET BUFFER command must always be used as the very first line of your program.

Variable buffer too small

While you are running a [Test] on your program, it is possible that the area reserved for variables can overflow. If there is enough memory available, use SET BUFFER to expand this area.

WEND without WHILE

There is no WHILE command to go with your WEND statement.

WHILE without matching WEND

There is no matching WEND statement to go with your WHILE command.

Run time errors

When AMOS Professional comes across a mistake while your program is running, it will automatically halt the program, pinpoint the offending instruction and display the relevant error message. As soon as you continue editing your program, the cursor will go to the line in your program where the error is lurking. These run time errors each have a special code number, which is displayed in brackets immediately after the error message, and these code numbers can be used in the process of error trapping. For example, you may want to find the error message that goes with a particular code number, by using a line such as:

```
Error Errornumber
```

256 characters for a wave (181)

Audio waves can only be created by a list of 256 bytes.

Address error (25)

You are trying to read an odd address in a DEEK or LEEK command, which must always be even. Similarly, DOKE and LOKE cannot load these addresses.

Amal bank not reserved (116)

You've tried to use an Amal PPlay command in a program without defining a movement pattern in the AMAL Bank.

These banks are created with the AMAL Accessory program. If you're not actually using PPlay, check that you've correctly separated any Pause or Let instructions in your AMAL program.

Animation string too long (113)

Your current AMAL program is too long, the maximum number of bytes is 65536. You may split your program into several smaller sections, and it is possible to animate the same object using several AMAL channels.

AREXX device not interactive (199)

This error is reported back by AREXX. We don't know what it means so write to Commodore!

Arexx library not found (194)

You've attempted to use the AREXX commands on a system on which it hasn't been installed. The AREXX library is held in the "rexsyslib.library" and should be normally available from the LIBS directory of your Workbench disc. Note; AREXX is provided free with Workbench 2, but other users will need to purchase it separately.

Arexx message not answered (198)

You've received a message from an external AREXX program and you haven't answered back. You must answer all messages at once otherwise the sending program will be hanging around waiting for your answer.

Arexx port already opened (193)

You've tried to open the same AREXX port twice using AREXX OPEN.

Arexx port not opened (196)

You've attempted to use the AREXX ANSWER, =AREXX, or AREXX WAIT commands without first opening up a communications channel with AREXX OPEN.

Array already dimensioned (28)

You have tried to dimension the same array more than once in the same program.

Autotest already opened (111)

An illegal AMAL autotest has been defined inside an existing autotest command.

Bad IFF format (30)

You are attempting to use LOAD I FF to load a file in the wrong format. LOAD I FF can only load IFF screens into memory and not general purpose IFF files.

Bad parameter (149)

You've made a mistake when setting up the serial port with SERIAL SPEED, SERIAL BITS, SERIAL PARITY, or SERIAL X. Check your current set up.

Bank already reserved (35)

You have tried to create a memory bank that already exists.

Bank not reserved (36)

The bank that you are trying to select has not been created using RESERVE. This error message can also result from certain commands trying to use data from a specific memory bank automatically, such as SAMPLAY.

Block not defined (46)

You've tried to use the PUT BLOCK command with a non-existent Block number. Call GET BLOCK to grab some blocks into memory.

Block not found (65)

You cannot specify a block without first creating it, using GET BLOCK.

Bob not defined (68)

You cannot manipulate a Bob without first setting it up using a BOB command.

Bordered windows not on edge of screen (59)

You are not allowed to position a window at the edge of a screen, but must leave at least eight pixels between them, to allow space for the border.

Break detected (159)

The device you are communicating with has aborted the present serial operation.

Buffer overflow (156)

The SERIAL SEND or SERIAL INPUT commands have run out of buffer space. Increase the amount of memory with SERIAL BUFFER and try again.

Cannot load med.library (187)

You've tried to use the MED PLAYER commands without installing the med.library file in the LIBS folder of your current start-up disc. A copy can be found on the AMOSPro System disc.

Cannot open Arexx port (195)

You've tried to open a busy AREXX port with AREXX OPEN. Check that you've entered it in the correct format.

The name should be in UPPER CASE. You should find a usable port with the =AREXX EXIST function.

Cannot open library (170)

LIB OPEN can't find the requested library in the LIBS folder of your start-up disc. Make sure it's there.

Cannot start med.library (188)

The med.library requires all sound channels to be unused before it can be opened. So AMOS Professional makes a check and if all four channels are clear the library is opened.

Can't fit picture in current screen (32)

You have tried to use LOAD I FF to load a picture into an existing screen of a different type. AMOS Professional will automatically create a screen of the right type if you specify a screen number in the correct range of 0 to 7.

You should tag the number of the destination screen to the LOAD IFF command like this:

```
Load Iff "filename", number
```

Can't open narrator (185)

AMOS Professional is unable to find "narrator.device" in the current "devs:" directory, so the narrator program cannot be loaded.

Can't resume to a label (4)

You cannot use RESUME label inside an error procedure.

Can't set dual playfield (70)

The screens you are using are not suitable for setting up a dual playfield. The correct screen combinations are explained under the DUAL PLAYFIELD section of this User Guide.

Command not supported by device (143)

This error is returned by the DEV DO and DEV SEND commands. A command has been sent that is not supported.

Check with Commodore's documentation.

Copper list too long (77)

The user-defined copper list has a pre-set limit of 12k. This may be extended using the [Set Interpreter] option from the [Config] menu.

Copper not disabled (76)

You are not allowed to use the COP MOVE or COP SWAP commands before disabling the normal copper list with COPPER OFF.

Device already opened (140)

You've tried to open the same device twice. The PRINTER and PARALLEL devices can only be opened once in any particular session. If you're using multi-tasking, check that another application hasn't grabbed the device first. If so, you'll have to quit from the application before running your AMOS program.

Device cannot be opened (142)

The selected device cannot be opened for use. Make sure that it's correctly connected, and that the appropriate device drivers are available from the DEVS folder of your current start-up disc.

Device error (144)

A device has reported a device specific error. AMOS Professional cannot keep all possible errors in memory so check with Commodore documentation for the correct error meaning.

Device not available (86)

You have specified a disc or a drive, but your Amiga does not believe that it exists, possibly because you have changed a disc unexpectedly. You can set the directory to the correct drive name with an instruction such as:

```
Dir$="Df0:"
```


Device not opened (141)

You've called a printer, parallel, or serial command without previously opening a channel with PRINTER OPEN, PARALLEL OPEN or SERIAL OPEN.

Directory not empty (85)

You can only erase directories when all the files held within them have been deleted by the KILL command.

Directory not found (80)

The required directory cannot be found on the current disc. List the current disc and check its contents.

Disc error (101)

There's a problem with a disc you're trying to access from one of your disc operations, or with the AMOS

Professional file selector. Try removing the disc and re-inserting it. This clears up most problems.

If you still can't

get the disc to work after a couple of attempts, there may be a problem with your disc. You may need to use the

DISCDOCTOR program on your Workbench disc. DISCDOCTOR should only be used as a last resort, but it's quite

good at salvaging dead discs.

Disc full (88)

There is not enough space on your current disc to hold your data.

Disc is not validated (83)

This message is likely to be generated when your Amiga is unable to come to terms with a perfectly valid disc. Try

again. If the problem persists, you may have to resort to the DISC DOCTOR program, which is on the standard

Workbench disc.

Disc is write protected (84)

The disc's write protection tab is "on". To save your data on the current disc, remove it, slide the write protection tab

to the "off" position and try again. Alternatively, use another disc.

Division by zero (20)

You are trying to divide a number by zero, and this is impossible.

End of file (100)

The end of the current file has been reached unexpectedly, while the disc is being accessed. You should use the EOF

function to test for this condition from inside your program.

End of program (10)

This information message is given after AMOS Professional has executed the last instruction in your program.

Error not resumed (3)

You have come out of an error-handling routine, but forgotten to reset the error using RESUME.

Error procedure must RESUME to end (8)

You may not exit from an error-handling procedure using END PROC. Use one of the special RESUME commands instead.

File already exists (76)

You cannot RENAME a file with the same name already belonging to another file or directory on your current disc.

File already opened (96)

You cannot OPEN or APPEND a file that is already open.

File format not recognised (95)

The LOAD command can only be used to load AMOS Professional program and bank files from disc. Use BLOAD

for files stored in standard Amiga format. Use LOAD IFF for Iff screens.

File is protected against deletion (89)

There is an Amiga security command to stop accidental erasure of important system files. This is the PROTECT

command, available from the CLI or Workbench. You have probably tried to KILL one of these protected files.

File is protected against reading (91)

You have requested a file that has been protected from unauthorised examination. The PROTECT command is

available from the CLI or Workbench, and is explained in the Amiga User's Guide that you ignored when you

unpacked your computer!

File is write protected (90)

You are trying to change a file that has been locked with the PROTECT security command from AmigaDos.

File not found (81)

You have tried to call up a file or directory that does not exist.

File not opened (97)

You must use an instruction like OPEN IN, OPEN OUT or APPEND to open access to a file, before you can use it to transfer data.

File type mismatch (98)

You have used a command that is not allowed with the current file. For example, GET and PUT will not work with sequential files.

Flash declaration error (52)

There is a mistake in the animation string that defines a FLASH colour sequence.

Font not available (44)

SET FONT couldn't find the font number you've specified in the instruction. These fonts should be available from the FONTS: directory of your current start-up disc.

Fonts not examined (37)

You must first create a list of available fonts using GET FONTS before you can use the SET FONT command.

Hardware data overrun (150)

This error can be generated if you wait too long before loading your data from the serial port using SERIAL

INPUTS. If there's too much waiting in the wings the serial port can be overloaded, and the system collapses.

Possible solutions include reducing the transfer rate with SERIAL SPEED, or reading the information a character at a time with SERIAL GET.

I/O error (94)

The Input/Output error message implies that there is a corrupted file that cannot be accessed properly. Try again, checking any disc drive connections. If necessary, you may have to resort to the DISC DOCTOR program, supplied on your original Workbench disc.

IFF compression not recognised (31)

You are trying to load a screen that has been compressed with an unfamiliar system. Try and re-save your original screen source in standard IFF format.

Icon not defined (74)

The icon specified in your instruction cannot be found in the current Icon bank.

Invalid baud rate (147)

The SERIAL SPEED command only permits you to set the speed to certain values. If the current serial device doesn't support your value, you'll get this error.

Illegal block parameters (66)

The values you have entered in a GET BLOCK or PUT BLOCK command are not allowed.

Illegal copper parameter (78)

The value entered in a COP MOVE, COP MOVEL or COP SWAP instruction is outside of the permitted range.

Illegal direct mode (17)

Direct mode only permits you to run certain types of instructions from the command line. All program control instructions such as FOR, NEXT, IF, THEN, GOSUB, and GOTO are forbidden. In addition, you are NOT allowed to call any AMOS Professional procedures from direct mode.

Illegal file name (82)

You are trying to use a non-standard file name.

Illegal function call (23)

There is a mistake with the values in an AMOS Professional command. Return to the editor and identify the likely command in your line of program. Allowable parameters are all detailed in this User Guide.

Illegal instruction during autotest (115)

Check to see if an AUTOTEST has been defined by mistake. If it is intentional, you may have used an AMAL command such as Move or Anim. Also check the upper and lower case usage of your AMAL labels.

Illegal number of colours (49)

You are trying to use the wrong number of colours on screen at once. Check the syntax of your SCREEN OPEN

commands, or check this User Guide for a full list of available screen colour options.

Illegal print dimensions (164)

The PRINTER DUMP command is unable to print your screen with the selected dimensions. Check for a mistake in

the "special" parameter. This can have a dramatic effect on the size of your screen on the actual paper.

Illegal screen parameter (48)

You have specified dimensions using SCREEN OPEN that are not acceptable. Your minimum screen size can be as

small as 32x8, and the maximum is 1024x1024 pixels.

Illegal user function call (16)

You've made an error in either a user defined function, as created by the DEF FN command. The most likely

mistake is that you've entered the wrong number of variables in your FN statement.

Illegal window parameter (60)

An incorrect value has been entered in one of the WIND or WINDOW commands.

Input too long (99)

Either your input string is too long for a previously dimensioned variable, or you have tried to INPUT# a line of

more than 1000 characters.

Instruction only valid in autotest (112)

The Direct or eXit commands can only be used inside an AMAL AUTOTEST.

Interface Error: Bad syntax (120)

There's a syntax or typing error in one of your AMOS Interface programs. Use the EDIALOG function to find the

position of your error in the command string.

Interface Error: Channel already defined (124)

You've tried to open the same AMOS Interface channel number twice. There's a mistake in one of the DIALOG

OPEN commands in your program.

Interface Error: Channel not defined (125)

There's a problem with a DIALOG RUN command in your program. The channel number you've attempted to execute does not exist. It needs to have been previously assigned to an AMOS Interface command sequence with a call to DIALOG OPEN.

Interface Error: Illegal function call (128)

You've entered the wrong sort of values in one of your AMOS INTERFACE commands. Use EDIALOG to find the offending command. A full list of all the parameter options can be found directly from the HELP menu.

Interface Error: Illegal number of parameters (131)

You've typed too few, or too many values into one of your AMOS Interface functions. Use EDIALOG to locate the mistake, and the AMOS HELP menu to find the correct number of parameters for your instruction.

Interface Error: Label defined twice (122)

This is a mistake with the LA or LAbel command in your AMOS Interface program. You appear to have defined the same label twice with exactly the same value.

Interface Error: Label not defined (123)

A JUMP or JS command has been entered in your AMOS Interface program with a non-existent label number.

Labels are defined using the LA command. Unlike AMOS Professional or AMAL, you're only allowed to use numbers from 1 to 65536. Names are not permitted.

Interface Error: Screen modified (126)

After an Interface channel has been opened to a particular screen, the screen has been altered or closed. Interface stores information about the screen from the start, so you must keep the screen in the same format.

Interface Error: Type mismatch (129)

One of the values in an Interface function is of the wrong type. If you're using a variable, check that it contains the right sort of data. An Interface variable can be used to store both strings or numbers. So it's easy to get confused.

Interface Error: Variable not defined (127)

You've called the VA function with a no existent variable number. Permissible numbers range from 0 to 65535.

However, the system defaults to just 17. You can increase this limit with a simple option from the DIALOG OPEN command.

Invalid parallel parameter (173)

There's a problem with one of the parameters you're using with the PARALLEL SEND or PARALLEL INPUT commands.

Jump to/within autotest in animation string (110)

It is illegal to Jump directly inside an AUTOTEST from your main AMAL program. To leave an AUTOTEST, use the eXit or Direct commands instead.

Label already defined in animation string (114)

Two versions of the same label definition have been discovered in an AMAL program. All labels must consist of a single upper case letter.

Label not defined (40)

You have included a label in an instruction, but forgotten to define it. Check for mistakes in computed GOTO, GOSUB or RESTORE statements.

Label not defined in animation string (109)

You are attempting to jump to a non-existent label in an AMAL animation string.

Library already opened (168)

You've tried to open the same library twice with LIB OPEN.

Library not opened (169)

LIB CALL has been used with a non-existent channel number. You'll need to open this channel first using LIB OPEN.

Menu item not defined (39)

The item specified in a MENU command has not been previously defined using MENU\$.

Menu not opened (38)

The MENU ON command has been called, but no menu has been previously defined using the MENU\$ or MAKE MENU BANK instruction.

Music bank not defined (184)

There is no music bank in memory.

Music bank not found (183)

The Music that you want to play does not exist in the current music bank.

Next without For in animation string (108)

In an AMAL animation string, each Next command must be associated with a single For statement. Also check the upper and lower case of any comments in your AMAL program.

No data set ready (157)

A strange error message generated by Commodore's Serial device. We think it may happen when the serial device just cannot handle the incoming data. Let us know if you know better!

No ON ERROR PROC before this instruction (5)

You can only use RESUME LABEL after an ON ERROR PROC command.

No data after this label (41)

You cannot RESTORE the data pointer to a line with no DATA statements on that line or subsequent lines.

No disc in drive (93)

Your Amiga does not believe that there is a disc in the drive you want to access. Try again.

No programs below current program (43)

You are trying to BGRAB a bank, but the current program has not been installed as an accessory.

No message waiting (197)

You've tried to answer a message with AREXX ANSWER which has not actually been received. You may need to add an AREXX WAIT command before your instruction. Also check that you've opened the correct Arexx communications port.

No zones defined (73)

This is an error generated by the RESET ZONE command. RESET ZONE erases all the zone definitions you've created using SET ZONE. It can only be called after you've reserved some memory for your zones with RESERVE ZONE.

Non dimensioned array (27)

You are trying to refer to an array, but it has not yet been defined.

Not an AmigaDOS disc (92)

AMOS Professional can only read discs created on an Amiga. If you want to use discs that are of compatible size but originate from another sort of computer, you will first have to use specialised software to translate the data.

Not a med module (189)

The MED LOAD command is only capable of loading music modules which are compatible with the MED music format. So check that the music is in the correct format.

Not a packed bitmap (200)

You have attempted to unpack a data bank which is not in bitmap format.

Not a packed screen (201)

The data you are trying to unpack is not in packed screen format.

Not a tracker module (186)

The TRACKER LOAD command is only capable of loading music modules which are compatible with the popular NOISETRACKER music format.

Out of data (33)

You may have left out some information from one of your DATA lines, because a READ command has gone past the last item of data in the current program. Alternatively, there may be a typing error in a RESTORE command.

Out of internal memory (printer device) (167)

The printer device cannot cope with what you've requested. This Commodore internal error may vary upon the device.

Out of memory (24)

Your Amiga thinks that it has run out of available memory storage space. If the information line assures you that there is plenty of spare memory, simply save your program, re-boot and load the program back in. There are commands which will free up memory when you start reaching the Amiga's limits. These are: CLOSE EDITOR, KILL EDITOR and CLOSE WORKBENCH.

Out of memory (parallel device 172), (printer device 166), (serial device 148)

If a device requires memory and finds that there's no more left, one of the above will be reported back. Try adding the CLOSE WORKBENCH or CLOSE EDITOR commands at the start of your program to free up some additional memory.

Out of stack space (0)

There are too many procedure calls nested inside one another. Although AMOS Professional procedures can call themselves up, this error may be reported after about 50 loops. The same can happen with the GOSUB command. See the SET STACK command if you need to extend this limit.

Out of variable space (11)

Normally, AMOS Professional allocates 8k of storage space for your strings and arrays. To increase variable space, use the SET BUFFER command at the beginning of your program.

Overflow (29)

The result of a calculation has exceeded the maximum size of a variable.

POP without GOSUB (2)

POP can only be executed inside a subroutine which was previously gone to with a GOSUB command. To exit from a procedure, use POP PROC.

Parallel device already used (171)

The PARALLEL OPEN command can only be used ONCE in your program. If you've already opened the printer port with PRINTER OPEN, the parallel device may not be available for your use. Alternatively, if your Amiga has several of these parallel ports you might need to access the devices directly using the DEV OPEN command.

Parallel initialisation error (177)

The parallel device has refused to open probably because another program is using it.

Parallel line error (174)

The PARALLEL SEND, PARALLEL INPUT\$ or PRINTER SEND commands have been unable to access the parallel port. Check that the cables are plugged firmly into the connectors, and try again.

Parallel port reset (176)

Commodore documentation is vague on this error. We guess it's due to a Parallel printer being turned off or the connectors being unplugged during transmission.

Program interrupted (9)

You have pressed the [Ctrl] and [C] keys at the same time, to exit directly from your program, or used a STOP instruction. This is an information message, not an error.

Printer cannot output graphics (162)

The PRINTER DUMP command can only dump your screens onto printers which support some sort of graphics mode. This applies to the vast majority of printers currently on the market, and includes ANY normal dot-matrix or laser printer. However, if you're using a daisy wheel printer, you'll be unable to make use of this feature. Sorry!

RETURN without GOSUB (1)

RETURN can only be used to exit from a subroutine that was originally entered with a GOSUB.

Rainbow not defined (75)

You must define your rainbow effect using SET RAINBOW before you can call it up.

Resume label not defined (6)

The label you have specified in a RESUME command does not exist.

Resume without error (7)

The RESUME command cannot be executed unless an error has been discovered in your program.

Sample not defined (179)

The sample that you want to play does not exist in the current sample bank.

Sample bank not found (180)

There is no sample bank in memory.

Screen already in double buffering (69)

You cannot call DOUBLE BUFFER more than once on the same screen.

Screen not in dual playfield mode (71)

You may only use DUAL PRIORITY after creating a dual playfield.

Screen not opened (47)

You must open a screen with the SCREEN OPEN command before it can be accessed.

Screens can't be ANIMated (67)

AMAL can only move or scroll screens. It is impossible to animate screens using the built in Anim command.

Scrolling zone not defined (72)

Before using the SCROLL command, the direction and size of the scrolling area must be defined with SET SCROLL.

Selected unit already in use (160)

The unit number can be specified for Serial communications and this error will occur if the requested unit is in use.

You'll need to have a special multi-serial board though!

Serial device already in use (145)

Another application is using the serial device and has forbidden access to other programs.

Shift declaration error (53)

There is a mistake in the colour sequence used in a SHIFT UP or SHIFT DOWN instruction.

Sprite error (105)

The values entered into a SPRITE command are outside of the required limits. Check this User Guide for the correct parameters.

String too long (21)

AMOS Professional allows a maximum of 65000 characters in any string.

Syntax error in animation string (107)

There is an error in the animation sequence specified by an Anim command. Check for typing errors, especially for full stops instead of commas.

Text window 0 can't be closed (62)

The WIND CLOSE command can only close windows which have been defined using WIND OPEN. So it won't close the original text window.

This window has no border (63)

A BORDER command has been used on a window which has no border.

Time-out error (155)

The SERIAL INPUTS command or SERIAL GET command have waited in vain for information over the serial channel. They've finally aborted with an error. Check that everything is connected correctly, and that the other end of the communications line is actually sending you some data. This time-out limit can be set from the Workbench Preferences.

Too many colours in flash (51)

There is a maximum allowance of 16 colour changes in a single FLASH command.

Type mismatch (34)

An illegal value has been assigned to a variable. The following line shows two classic Type mismatch errors:

```
A$=23 : B="A string into an integer?"
```

User cancelled request (161)

The printer was not available to the printer device, a system requester appeared and you clicked on Cancel and then this error occurred.

xUser function not defined (15)

There's a problem with a user defined function created with DEF FN. AMOS can't find the function you are referring to. Check that you've defined your function earlier in your program with DEF FN. This line must occur BEFORE your FN function actually appears in the listing! You can't create your function as part of a procedure, or a subroutine.

Valid screen numbers range from 0 to 7 (50)

There is a maximum of eight screens that can be opened at any one time.

Wave 0 and 1 are reserved (182)

Waves 0 and 1 are automatically reserved for white noise and pure tones respectively. So you can't redefine them using the SET WAVE command.

Window already opened (55)

It is impossible to open a window that is already open.

Window not opened (54)

You are trying to access a window that does not exist, because it has not been opened.

Window too large (57)

It is impossible to open the requested window, because its dimensions are too large to fit into the current screen.

Window too small (56)

The requested window is smaller than the minimum permitted size. Please see WIND OPEN and WIND SIZE for a full explanation.

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