

# Re: DOS Box Keyboard problem

---

*Source:*

[http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.configuration\\_manage/2007-05/msg00039](http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.configuration_manage/2007-05/msg00039)

---

- *From:* "Wesley Vogel" <[123WVogel955@xxxxxxxxxxxxx](mailto:123WVogel955@xxxxxxxxxxxxx)>
  - *Date:* Fri, 11 May 2007 11:40:08 -0600
- 

I would try mode con codepage select=860 in the command box but I have no way of typing a = character!

PASTE the line in!

```
mode con codepage select=860
```

This will also work...

```
mode con cp select=860
```

So will this...

```
chcp 860
```

This is copied from a command prompt, I did not type a single character, all pasted....

```
-----  
Microsoft Windows XP [Version 5.1.2600]  
(C) Copyright 1985-2001 Microsoft Corp.
```

```
C:\>  
C:\>chcp  
Active code page: 437
```

```
C:\>  
C:\>chcp 860  
Active code page: 860
```

```
C:\>  
C:\>chcp  
Active code page: 860
```

```
C:\>  
C:\>mode con cp select=437
```

```
Status for device CON:  
-----
```

## Re: DOS Box Keyboard problem

Lines: 2500  
Columns: 80  
Keyboard rate: 31  
Keyboard delay: 1  
Code page: 437

C:\>  
C:\>mode con cp

Status for device CON:

-----  
Code page: 437

C:\>  
-----

Alt + Spacebar + E + P will paste contents of clipboard into a command window.

Alt + Spacebar opens context menu  
E opens the Edit menu  
P is Paste

Alt + Spacebar + E + S will Select all the contents of a command window.

Alt + Spacebar opens context menu  
E opens the Edit menu  
S is Select All

You do not anything special. You just need to get the settings set properly.

Command Prompt Copy & Paste

This will set the QuickEdit Mode and the Insert Mode.

Right click the cmd.exe shortcut | Properties | Options tab |  
Under Edit Options select both:  
QuickEdit mode  
and  
Insert mode  
Click Apply | Click OK

QuickEdit mode  
[[Enables you to use a pointing device (mouse) to cut and paste, bypassing the Edit menu.]]

This option provides a fast, easy way to copy text from (and paste text into) Command Prompt windows with a mouse. You can highlight text with a

## Re: DOS Box Keyboard problem

mouse and use the Enter key to copy the highlighted text to the Windows Clipboard. Or highlight text and right click to copy to clipboard.

### Insert mode

[[Enables you to insert text at the cursor. If this is not selected, text that is typed at the cursor replaces existing text.]]

This option (on by default) allows you to insert text at the cursor position. You can right click and paste.

Or...

Open a command Prompt | Right click the top border | Properties | Options tab | Under Edit Options select both:

QuickEdit mode

and

Insert mode

Click Apply | Click OK | Place a tick in Modify shortcut that started this window |

Click OK.

-----

Highlight text with the cursor and hit the Enter key to copy to the Windows clipboard. Or highlight text and right click to copy to the Windows clipboard.

[[By selecting the Quick Edit Mode check box, you enable copy and paste from the Command Prompt window. To copy, select the text in the Command Prompt window with your left mouse button, and then right-click. To paste, either at the command prompt or in a text file, right-click.]]

-----

Active Code Page Versus Selected Code Page

<http://support.microsoft.com/kb/67584>

Instead of AUTOEXEC.BAT and CONFIG.SYS, use AUTOEXEC.NT and CONFIG.NT.

Command.com uses AUTOEXEC.NT and CONFIG.NT, cmd.exe does not. If either AUTOEXEC.NT or CONFIG.NT are missing or messed up command.com will not run. Cmd.exe will run with both AUTOEXEC.NT and CONFIG.NT missing completely.

The input locale does not type the chosen keyboard mapping in the MS-DOS window

<http://support.microsoft.com/kb/262283>

HKEY\_Current\_User\Keyboard Layout\Preload\1 value

English (US) is 1033 decimal or 00000409 hex.

English (UK) is 2057 decimal or 00000809 hex.

Portuguese (Standard) is 2070 decimal or 00000816 hex.

Portuguese (Brazil) is 1046 decimal or 00000416 hex.

Re: DOS Box Keyboard problem

See switches=/k

Paste the following line into Start | Run...

hh ntcmds.chm:/switches.htm

Or Switches

<http://www.microsoft.com/resources/documentation/windows/xp/all/proddocs/en-us/switches.mspx?mfr=true>

—

Hope this helps. Let us know.

Wes

MS-MVP Windows Shell/User

In [news:CD10517D-14DE-4682-9162-CF2988DB4FB7@xxxxxxxxxxxxxx](mailto:news:CD10517D-14DE-4682-9162-CF2988DB4FB7@xxxxxxxxxxxxxx),

Pandora <Pandora@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> hunted and pecked:

Wesley, thanks for your note.

I get 437 from command chcp and cmd chcp.

When in the cmd box I can type with all characters OK

When in the command box only lower case letters/numbers and a few specials work. This does not change after typing chcp 860 (portugal).

I would try mode con codepage select=860 in the command box but I have no way of typing a = character!

The registry settings are exactly as listed in your note.

The program I am running allows me to "shell to DOS" and I have tried chcp while in the shell and exiting back to the program – still same problem.

\_\_\_\_\_  
/ony

"Wesley Vogel" wrote:

<quote>

One or more CON code pages invalid for given keyboard code

The KEYB command examined all prepared code pages, and has found that at

least one code page is incompatible for your screen console device (CON).

This is only information to let you know that your keyboard and screen console are working with different code pages.

<quote>

from...

Microsoft MS-DOS 5.0 Messages Reference

<http://www.microsoft.com/technet/archive/msdos/messages.mspx?mfr=true>

## Re: DOS Box Keyboard problem

chcp displays or sets the active code page number.

Open command.com...

Start | Run | Type: command | Click OK |

Type: chcp hit Enter.

You get...

Active code page: nnn

Type: exit and hit Enter to close command.com.

Open cmd.exe...

Start | Run | Type: cmd | Click OK |

Type: chcp hit Enter.

You get...

Active code page: nnn

Are they the same?

For U.S. English versions of Windows NT the default is 437 codepage, U.S. English.

Active code page should be the same for both command.com and cmd.exe.

Check this registry key and entries.

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Nls\CodePage]
```

```
"ACP"="1252"
```

```
"OEMCP"="437"
```

```
"MACCP"="10000"
```

```
"OEMHAL"="vgaoem.fon"
```

ACP is the default ANSI code page; OEMCP is the default OEM code page; and MACCP is the default Macintosh code page.

The OEMCP value controls to which OEM code page to translate ANSI, and the OEMHAL value controls the display of extended characters at a command prompt.

ANSI Codepage ID 1252 is used for all Western European languages, including English.

The default OEM code page in Windows NT is the DOS 437 code page.

codepage select= yyy

yyy value from table.

Value Country/Region

## Re: DOS Box Keyboard problem

---

437 United States  
850 Multilingual (Latin I)  
852 Slavic (Latin II)  
855 Cyrillic (Russian)  
857 Turkish  
860 Portuguese  
861 Icelandic  
863 Canadian–French  
865 Nordic  
866 Russian  
869 Modern Greek

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\  
Control\Nls\CodePage

Here's some info from various sources.

ACP is the default ANSI code page; OEMCP is the default OEM code page;  
and MACCP is the default Macintosh code page.

The OEMCP value controls to which OEM code page to translate ANSI, and  
the OEMHAL value controls the display of extended characters at a  
command  
prompt.

the default OEM code page in Windows NT is the DOS 437 code page

The computer's ANSI code page is stored in the following registry value:

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\Nls\CodePage\ACP

For U.S. English versions of Windows NT, Windows 95, and Windows 98,  
the  
default OEM code page is 437 (U.S. English). The computer's OEM code  
page is stored in the following registry value:

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\Nls\CodePage\OEMCP

To verify the client OEM code page on Windows NT, Windows 95 and  
Windows  
98 computers, run chcp from the command line. To verify that data in a  
file is stored in the proper code page, you must use the appropriate  
editor. ANSI data should look correct in any GUI editor (such as  
Notepad, WordPad, or Microsoft Word). OEM data should look correct in a  
command–line tool (such as type or edit).

This may be of some interest...

INFO: Windows, Code Pages, and Character Sets

<http://support.microsoft.com/kb/7543>

Re: DOS Box Keyboard problem

—  
Hope this helps. Let us know.

Wes  
MS-MVP Windows Shell/User

In news:B3CF240E-73C5-458E-A513-4F56E0132BDB@xxxxxxxxxxxxxx,  
Pandora <Pandora@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> hunted and pecked:

When I start any DOS program I get message in the DOS  
box "One or more  
CON code pages invalid for given keyboard code". My DOS  
program will  
run but many keys do not deliver the correct character – all  
shift  
characters deliver strange symbols.

This may be due to the fact I have a portuguese keyboard  
while XP etc  
are all set up in UK English.

Maybe I need to put something in autoexec.nt but what?  
Keyb seems to  
have disappeared under XP.

Any help appreciated.

—  
/ ony