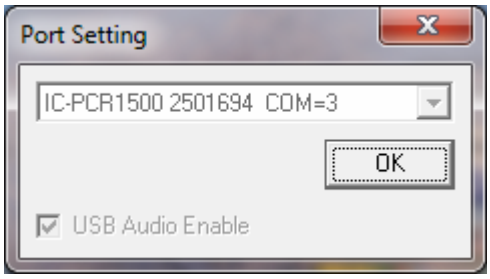
ICOM PCR1500 / IC-R1500 / 2500 und Windows 7 64bit Betriebssystem



Hallo Herr Thieking,

vielen Dank für die Antwort.
Habe in der Zwischenzeit weiter geforscht, und siehe da, der PCR1500 läuft auch unter Windows 7 64 bit Version. Die Vorgehensweise habe ich unter intensiven Recherchen im Netz gefunden und es funktioniert!

Ein kleiner Nachteil ist, zumindest bei meiner Hardware, die etwas unsaubere Wiedergabe des Tonsignals über USB.

Abhilfe: Ich benutze jetzt den Kopfhörerausgang und den Line-In der Soundkarte, damit ist Sound sauber.
In den Anhang lege ich mal die Kopien der Anleitung:
Meine Kurzanleitung:
Die beiden bcdedit Befehle von Blatt 1 als Administrator im CMD Fenster ausführen,
Rechner neu starten, unten rechts wird Testmode… angezeigt.
Software für den PCR1500 installieren (USB ist noch getrennt)
Die Vista USB-Treiber der neuesten Icom Software 2.1 installieren.
Rechner wieder neu starten
USB einstecken und PCR1500 Software starten
Jetzt wird ein Port angezeigt und mit OK bestätigt.
PCR1500 funktioniert!
PCR1500 beenden, mit bcdedit die Befehle wieder zurücksetzen
Rechner neu starten, PCR1500 funktioniert!

Bcdedit.exe ist Bestandteil von Windows 7 und muss an der Eingabeaufforderung CMD ausgeführt werden.

Vielleicht hilft das anderen, verzweifelten PCR1500 Besitzern.

P.S. Dank an Klaus für seine Hilfe und Recherche! © 2010

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Using Icom USB Drivers with 64 Bit Windows 7

Windows 7 64-bit operating system requires that all drivers be digitally signed before they can be successfully installed. Normally, because of this restriction you cannot load non-signed drivers, such as Icom's Vista drivers, into Windows 7 64-bit. The following procedure allows you to override this restriction.

Before you begin

- **Important:** Icom recommends that this procedure be performed only by personnel with computer expertise.
- You will need to know how to access and use the Windows 7 command line interface.

Procedure

1. At the command line, enter these lines:

bcdedit.exe -set loadoptions DDISABLE_INTEGRITY_CHECKS
bcdedit.exe -set TESTSIGNING ON

2. Reboot your computer.
3. Install the Icom USB drivers.

Note: You will see the following watermark on your screen; it cannot be removed unless the commands are reversed.

To reverse the commands, enter the following:

bcdedit.exe -set loadoptions ENABLE_INTEGRITY_CHECKS
bcdedit.exe -set TESTSIGNING OFF

This sets the machine back to its previous state, so that the drivers will stop working (but the watermark will disappear).

1. If you already have installed the USB drivers and software trying to get the 1500 to work, uninstall everything, especially the drivers. Unplug the USB connection from the PCR1500.
2. Go to Start/Accessories/SystemTools/Command Line Prompt. Right click "Command Line Prompt" and "Run as Administrator"
3. Run the bcdedit.exe commands from this Icom knowledge base article: knowledge base article. As the article states, the key is disabling the integrity checks for the drivers to load and run the USB port. It is important to run the bcdedit.exe command to disable integrity checks in a command prompt window so that you can see if it ran successfully. Again, follow the knowledge base article instructions carefully and it should work without any problems.
4. Reboot and notice that the "Test Mode" indicator shows in the lower right corner of the desktop screen indicating that you have successfully entered the test mode and that you can now load the USB drivers successfully.
5. Install the Vista PCR1500 drivers. When you download and extract version 2.10, there is a "drivers" folder, and "Vista" folder. There is a "setup" file in the "Vista" folder you can run to load the drivers.
6. Install PCR1500 version 2.10 (download from the Icom Support Site)
7. Plug in the USB cable from the PCR1500 and Run the PCR1500 program. Be sure to "run as administrator". At this point the software should recognize the com port (the port window should pop up and show you the com port where your 1500 is. Click "ok" to proceed) and load the program, and run the receiver.
8. Once again, go to the command prompt and "run as administrator". Again, follow the Icom instructions to "Enable_Integrity_Checks" and disengage the "test mode", then reboot. Once you have rebooted in the normal Windows 7 mode, the PCR1500 should now run normally recognizing the Com port. The "test mode" indicator in the lower right corner of the desktop should now be gone.

One tip: if you need to know what com port number or see if the USB drivers have loaded you can always go to the control panel/systems/device manager page. Check your "Com ports" and look for the proper designator for the 1500. Note the com port number. Mine usually loads to com port 4. I have yet to try running the PCR1500 through a USB hub. I have the USB cable plugged directly into my laptop. Another posts says it won't connect through a hub. I'm going to test that tonight and see if that's true. Also, be sure you setup up the software to "run as administrator" in Windows 7. You do that by right clicking on the PCR1500 icon, compatibility, and check the box "run as administrator". That might also make a difference in whether the program runs correctly or not.

After getting my new laptop, I installed, uninstalled, and reinstalled the program multiple times trying unsuccessfully to get the PCR1500 to work in Windows 7 before finally finding the knowledge base article referenced above. I searched and found the drivers in the windows/system32/drivers directory and made sure to delete them. After much frustration, bingo! Once you go back to a command prompt, re-enable integrity checks, and get out of the "test mode", PCR1500 should now work without having to go back into the test mode again. At least it does for me. The knowledge base article is sort of misleading at this point. It seems indicate that you can only run the PCR1500 in "test mode", but that's not true in my case. PCR1500 now runs fine in the regular Windows 7 mode. The key is getting the USB drivers to install correctly in the "test mode" described in the knowledge base article. Once that happens, the program will find the USB com port and work. Can't tell you how rewarding it was to get this to work on my new laptop. Once again, I am enjoying my PCR1500. Thought I was going to have to sell this fine receiver but now get to keep it and use again!!