Quick Reference USB 2.0 PC Card 2-way   **hama**®

Software installation

Only Windows 98, ME and 2000 gives you full USB support. Windows 95 B (OSR2.1) with installed USB support (Usbsupport.exe) allows using of USB ports, but it is not recommended. There are often problems when installing devices. Moreover only a few USB drivers have been optimized for Windows 95. Therefore we only describe the **installation using Windows ME, 98 and 2000.**

Windows ME (Millennium Edition):

After plugging the PC card into the corresponding slot, the screen shows **"New Hardware Found"** and Windows starts installing it. Then the "Add New Hardware Wizard" asks "What would you like to do?". Click on **"Automatic search for a better driver (Recommended)"** and insert the driver disk ⇒ **Next.** The drivers are copied from the disk now ⇒ **Finish.** Afterwards Windows ME detects the **"USB Root Hub"**.

You can check if the controller has been installed properly. Click ⇒ **Start** ⇒ **Settings** ⇒ **Control Panel** ⇒ **System** ⇒ **Device Manager** ⇒ **"Universal Serial Bus controllers"**. There have to be the entry "NEC PCI to USB Enhanced Host Controller" and two entries "NEC USB Open Host Controller (E13+)" and at least three entries "USB Root Hub" without a yellow exclamation mark.

Windows 98 Second Edition:

After plugging the card into the corresponding slot there appears a window **"New Hardware Found"**. The controller is identified as **"PCI Universal Serial Bus"**. Shortly after the system is executing the **Add New Hardware Wizard** and searches for new drivers. Please click on ⇒ **Next**. In the following window ("What do you want Windows to do?") select **"Search for the best driver for your device"** and then click on ⇒ **Next** ⇒ **Next**. Select **"The updated driver (Recommended)"** ⇒ **Next** ⇒ **Next**. Insert the **Windows 98 CD-ROM** if needed and then click on **"Ok"** (Possibly you must then enter another drive letter for your CD-ROM drive). Windows 98 is copying the required drivers from the CD-ROM now. Finally please click on **"Finish"**. Afterwards Windows displays **"New Hardware Found"** again. Install it in the same way as described above and click then on ⇒ **Finish**. The **Add New Hardware Wizard** is executed again. Click on ⇒ **Next** ⇒ **Next.** Insert the driver disk. Select **"Floppy disk drives"** and then click on ⇒ **Next**. Mark **"The updated driver"** and click ⇒ **Next** ⇒ **Next**. The needed drivers will be copied from the disk. Then click on **"Finish".** Afterwards Windows 98 detects a new hardware component, the "USB Root Hub". You can check if the controller has been installed properly. Click ⇒ **Start** ⇒ **Settings** ⇒ **Control Panel** ⇒ **System** ⇒ **Device Manager** ⇒ **"Universal Serial Bus controllers"**. There have to be the entry "NEC PCI to USB Enhanced Host Controller" and two entries "NEC USB Open Host Controller" and at least three entries "USB Root Hub" without a yellow exclamation mark.

Windows 2000 Professional:

After plugging the card into the corresponding slot the system starts the **"Found New Hardware Wizard".** Click on "**Next**". The card will be detected as "Universal Serial Bus (USB) Controller. Click on **"Search for a suitable driver for my device (recommended)"** and insert **the driver disk** ⇒ **Next.** In the following window mark only **"Floppy disk drives"** and then click on ⇒ **Next** ⇒ **Next.** The screen shows "Completing the Found New Hardware Wizard". Click on "**Finish".** You can check if the USB card has been installed properly. Click ⇒ **Start** ⇒ **Settings** ⇒ **Control Panel** ⇒ **System** ⇒ **Hardware** ⇒ **Device Manager** ⇒ **Universal Serial Bus controllers**. There have to be the entry "NEC PCI to USB Enhanced Host Controller" and two entries "NEC PCI to USB Open Host Controller" and at least three entries "USB Root Hub" without a yellow exclamation mark.