

FCC requirements § 2.1033 (b)(3)

INSTALLATION INSTRUCTIONS

Installation Instructions furnished to the user of the radio transmitting device follow this page and contain 4 pages.



SA-PCR PRO.11
Drivers and Applications
Quick Installation & Operation Guide
β



1. Introduction

1.1 Package Contents

When you first open the SA-PCR PRO.11, the package contains the following:

- SA-PCR PRO.11 PCMCIA card.
- SA-PCR PRO.11 Drivers and Applications, Quick Installation and Operation Guide.
- Three diskettes:
 1. Windows 95 Drivers
 2. Installation and configuration application Disk 1 of 2.
 3. Installation and configuration application Disk 2 of 2.

1.2 Known Problems

1. Slight performance degradation with RX can be detected in heavy loaded traffic.
2. The mechanics are not the final version. It has been noted in some circumstances that the outer cover of the PCMCIA minutely separates from each other. This has not caused any problems but will be corrected in the final version.

2. General Information

Turn on the AP before installing the SA-PCR PRO.11.

If more than one Type II PCMCIA slot is available; it is preferable to use the top slot for the SA-PCR PRO.11 card, so the antennas will not be in the way. Insert the card and pull out the integrated antennas. If previous Wireless LAN drivers are installed in your PC they should be removed before proceeding with the new installation. Do not forget to restart your notebook after removing previous drivers. After installation of drivers is completed, verify proper operation by using the LED's. See section 5 for explanation of the LED's. The units can work only with AP-10 PRO.11 (which have the 802.11 software version 4.184 or later).

Please always note the version of driver files you are using. To see the version of .SYS or .VXD file, click on it with right button then Select Properties=>Version.

The current drivers are: BRZCOM.VXD, BRZWLANW.SYS, and BRZWLAN.INF

3. Installation for Windows 95

IMPORTANT: Make sure that you have access to the Win95 CAB files (Installation CD).

1. While Windows 95 is running, insert the SA-PCR PRO.11 card into the PCMCIA slot.

2. Windows 95 detects the adapter and displays the dialog box "New Hardware Found".
3. Windows 95A then prompts to detect the driver to be installed.
(continue to **3.1 Windows 95A**)
4. Windows 95B then displays the "Update Device Driver Wizard" dialog box.
(jump to **3.2 Windows 95 B**)

3.1 Windows 95A

1. Select "Driver from disk provided by hardware manufacturer", and then click OK.
2. In the "Install from disk " dialog box:
Type "A:\", insert diskette provided by BreezeCOM, then click OK.
The PC copies the necessary files from the diskette
3. The dialog box "Please insert disk labeled Windows 95 CD-ROM" appears then click OK. If it is OEM Windows it can be found at the following path
\\Windows\\Options\\Cabs.

NOTE: If it is the first time a network card is installed, usual network setup dialog will be displayed (Machine name, workgroup name, etc).

4. The installation is done. If prompted to restart windows do so.

*NOTE: Default ESSID is **ESSID1** in capital letters. Be sure that the AP is set correctly or run the configurator to change the ESS ID in the SA-PCR PRO.11 . See section 6.*

3.2 Windows 95 B (OSR2)

1. Insert the disk provided by BreezeCOM.

2. Click "Next"
3. When the dialog box notifying that Windows found the driver " BreezeCOM Wireless LAN Adapter", click "Finish".
4. If file BRZCOM.VXD is not found a dialog box will appear requesting the file. Direct it to look in "A:\\" again and it will find it this time.
5. Windows prompts you to insert the Windows 95 CD-ROM.
6. Insert it and then click "OK".
7. If version Conflict dialog box appears follow its instructions.
8. "Copying files" dialog box is displayed. In the field "Copy files from" type "a:\\", then click "OK".
9. Continue with No.3 of "**3.1 For Windows 95A**"

3.3 Troubleshooting

If the card does not function properly, check Device Manager for conflicts with other devices and drivers.

1. In the Network dialog box, click the Adapters tab to verify the status of the WLAN network. An exclamation mark next to the card indicates a conflict.
2. Look for device drivers or lines containing device or call commands in either autoexec.bat or config.sys .
3. Disable the conflicting drivers and devices and reinstall the card.

In the event you have a Resource Conflict do the following:

1. Right click on the icon "My Computer".
2. Choose Network adapter, and press *Properties* button.
3. Select *Resources* tab.
4. Edit the Memory Range and Interrupt to values that do not cause conflicts.

4. Un-installing in Windows 95

1. Select Start=>Control Panel=>Network, select the WLAN adapter, and press the REMOVE button.
2. To remove the driver delete the following files if they exist:
 - Delete %windows%\system\brz*.vxd
 - Delete %windows%\system\brz*.sys
 - Delete %windows%\INF\brz*.vxd

5. LED Indicators

The LED indicators are very useful for checking on activity on the SA-PCR PRO.11

Color	Id	State	Meaning
Yellow	Link Status	Blink	Scanning
Yellow	Link Status	Solid	Authenticated / Associated.
Green	Data Traffic	Blink	According to traffic.

6. Installing the Installation and application software

1. Insert diskette labeled "Installation and Configuration Application Disk1 of 1" Select Start=>Run and type a:\setup and press enter.
2. A screen with the text "BreezeCOM PCMCIA Application (Beta)" will be displayed. Press Next
3. When requested insert diskette number 2 and press enter.
4. When the dialog box notifying that the installation is finished press Finish.

7. Running the Configuration Application.

1. Select Start=>Program=>BreezeCOM PCMCIA Application=>Configuration
2. Select *Access Rights* tab.

3. Select mode to Installer, enter password "super" and press button "Set Mode".
4. Select *WLAN Parameters* tab.
5. Enter the ESS Id as defined in the AP.
6. Perform reset by either restarting the computer or stopping the PCMCIA card and then pull out and re-insert the SA-PC PRO.11 card.

8. Running the Site Survey Application.

1. Select Start=>Program=>BreezeCOM PCMCIA Application=>Survey
2. The AP you are associated with is displayed in the top section of the screen.
3. In the table below appears all your neighboring AP's.
4. Pressing the Alias button opens a dialog window where you can enter aliases for your AP's instead of trying to remember and identify them by there MAC address.
5. The Survey Log button opens a table in the present dialog screen, which contains all previously recorded AP's with the relevant information.
6. When you press on the Record button your associated AP is recorded with their signal strength into the Survey Log.
7. Before they are actually copied a dialog box is opened enabling you to enter data into two free text fields
 - Location – Where you performed the record
 - Remarks – Any free text of upto 32 characters.

Electronic Emission Notices

This device complies with part 15 of the FCC rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may caused undesired operation.

FCC Radio Frequency Interference Statement.

This equipment has been tested and found to comply with the limits for a class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

<http://www.breezecom.com>

Revision β