

Introduction

This guide covers the basic installation and configuration setup of the Perle 833 Access Server. For further information please refer to the Perle 833 user guide on the CDROM supplied with this product.

Installing your Perle 833

To install your Perle 833 unit proceed as follows,:

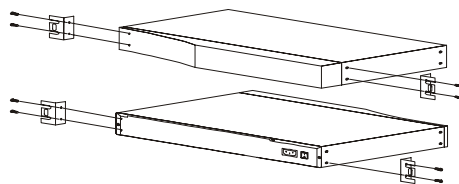
Warning

Always plug the power cord into your 833 unit BEFORE connecting the unit to the mains supply and switching on.

1. Mount your Perle 833 on a rack or desk as required.
2. Connect and the power cord to the back of the unit.
3. Plug in the other end of the power cord to the unit and switch on the supply to power on the unit.

Rack mounting

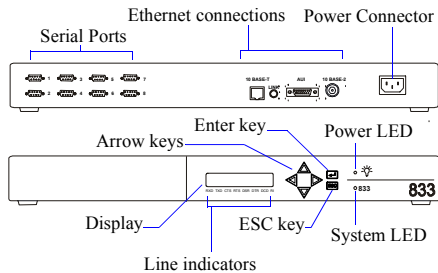
You can rack mount the unit using the kit provided.



Note

The unit requires 1.5U rack mount space. Ensure there is sufficient clearance on the sides of the unit to allow adequate air flow to the internal fans.

Front and rear panel views



Key	Function
Enter key	Starts selected function or confirms data entry.
ESC key	Returns to previous menu or cancels command
Arrow keys	Moves cursor to navigate menus.

Connecting the unit to the LAN

To Set up the 833 LAN connection:

1. Power on the 833.
2. Select the appropriate language from the scrolling language list displayed on the front panel. Press **Enter** when the desired language is displayed. Press **Enter** again to confirm language selection.
3. From the front panel, add the IP address and subnet mask
4. Power the unit down.
5. Plug in the LAN cable from the LAN connection on the system card at the front of the 833 unit to your networked hub.
6. Power up unit.
7. Verify that the 833 is attached to the network by checking that the LAN link LED is flashing (located next to the LAN connector on the rear of the unit).

Setting a valid IP address

To input the IP Address into the unit:

1. On the front panel, press ▼ to display the configuration menu.
2. Press ▼ ▼ for LAN configuration. Press **Enter** to enter the LAN configuration menu options.
3. Press ▼ once to display:
IP Address
4. To enter an IP address, press **Enter** to go to Edit mode and change each digit of the IP Address using the arrow keys until it displays the IP Address of the unit.
IP Address
172.16.47.34
When completed, press **Enter** to accept.
5. Press ▼ then enter the IP subnet mask if required. To edit, press **Enter** to go to Edit mode and change each digit of the subnet mask using the arrow keys.
IP Subnet Mask
255.255.0.0
When completed press **Enter** to accept.
6. Press ▼ then enter the default gateway address if applicable to your network configuration. This parameter is optional and if not applicable to your network environment proceed to step 7. To edit, press **Enter** to go to Edit mode and change each digit of the default gateway address using the arrow keys.
When completed press **Enter** to accept.
7. Re-boot your unit.

Configuring the Perle 833

Note

The default user ID for an unconfigured unit is: **superusr**. If this is the first time this unit is connecting to the Manager software you need to Download firmware to the unit.

You configure the Perle 833 with the 833 Manager software supplied with the unit. The Perle 833 Manager is a Microsoft Windows application that configures, monitors and manages 833 Servers.

Installing the Manager Software

To install the 833 Manager software, follow these steps:

1. Locate the 833 Manager software on the product CD-ROM.
2. Run the 833 Manager software.
3. Follow the prompts that appear on the screen.

Connecting to the Server

No configuration is required for the Manager to communicate with a 833 using IPX. However, the 833 requires the following IP parameters to be set in order for the manager software to communicate over IP;

- IP Address
- IP Subnet Mask
- IP Default Router Address (optional)

To connect to an 833 unit, perform the following steps:

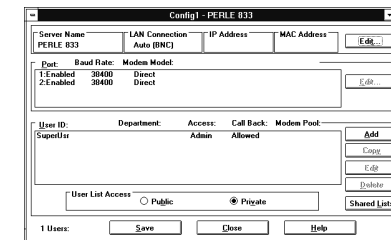
1. Start the Manager software.
2. Connect to the server and login as **superusr**.

Starting the Manager software

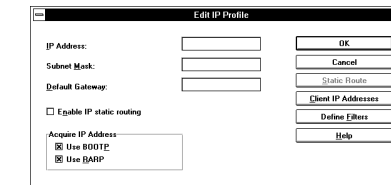
1. In the Windows desktop, click on Start>Programs>Perle833 Manager>Perle833 Manager

Setting IP addresses

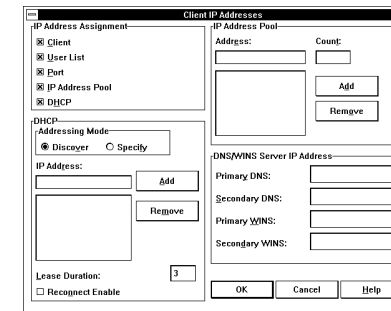
1. In the Manager window, click on the **New** button.



2. Within the Config screen now displayed, click on the **Edit** button.



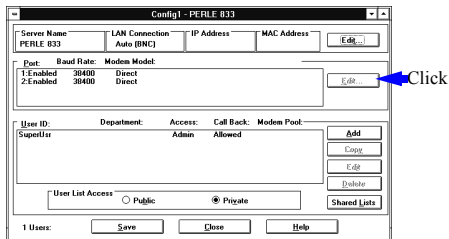
3. In the Edit IP Profile window now displayed, enter the IP Address you want then click on the **Client IP Addresses** button.



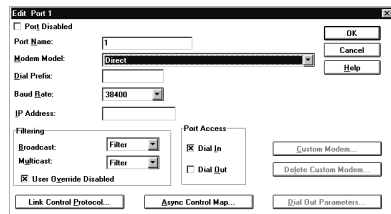
4. In the Client IP Addresses window now displayed, select the IP Address Assignments you want and click on **OK**.

Setting up Modems

1. In the Manager window, click on the **New** button.



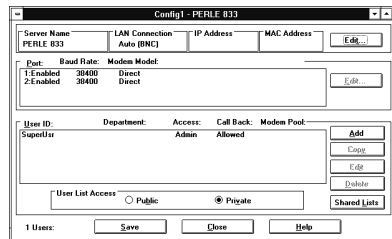
2. In the Configuration file window now displayed, select the port you want and then click on the **Edit** button (to the right of the ports field).



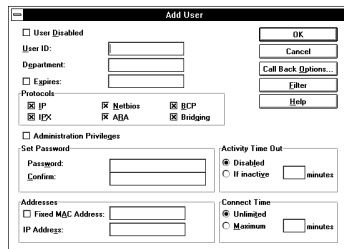
3. In the **Edit Port** screen now displayed, select the modem you wish to use for a port then click on **OK**.

Configuring remote users

1. In the Manager window, click on the **New** button.



2. In the Configuration file window now displayed, click on the **Add** button to add a user.



3. In the Add User window now displayed, enter the ID and password parameters for the new user then click on **OK**.

Note

You must add at least one user with Administrative privileges.

The default security authentication method is the local user database on the 833 unit. To modify the security authentication method, see the 833 User Guide on the CDROM supplied with this product.

Saving and using your configuration

1. In the Manager config window click on the **Save** button.
2. In the Main Manager window, click on the **Configure > Download Configuration** menu option.
3. Now select **Entire Configuration** and click on the **OK** button to download the entire configuration to the 833 unit. You are now prompted to re-start the unit.

The unit now reboots, and is then ready to use.



Contacting Perle Technical Support

Perle offers free technical support to Perle Authorised Distributors and Registered Perle Resellers.

To access technical support please visit the Perle website at www.perle.com/support. Here you will find:

- latest drivers and firmware updates for download
- technical tips
- frequently asked questions
- documentation
- configuration support
- cabling information
- maintenance contract information
- and much more...

If you are unable to find the information you require, please feel free to contact our technical support teams by email at:

USA

Email: ptac@perle.com

Europe

Email: ptacemea@perle.com

Asia

Email: ptacasia@perle.com

Internet

www.perle.com/support

Perle 833

RAS Server

Quick start guide



- Central site dial-in remote access
- LAN to LAN routing

Perle 833 Quick Start Guide

Part No: 5500113-10

Copyright © Perle Systems Limited, 2002