

Tenor[®] GateKeeper+ Quick Start

Description

The *Tenor GateKeeper+* provides call routing and administration for all H.323 VoIP endpoints in your network, including gateways, IP phones and PC clients.

This Quick Start tells you how to install the hardware; for more detailed information about how to configure the *Tenor Gatekeeper+*, see the *Command Reference Guide* available for this product at www.quintum.com.

Pre-Installation Guidelines

- Do not open the unit cover; if the unit has been opened, your warranty is void.
- Do not connect equipment in wet conditions and keep away from dusty areas.
- The area must not exceed the following temperature and humidity guidelines:
 - Operating Temperature: 32° to 104 ° F (0-40° C)
 - Operating Humidity: 20% to 80% non-condensing
 - Operating Altitude: -200 to 10,000 feet (-60 to 3,000 meters)
 - Storage Temperature: 14° to 140° F, (-10 to 60°C)
- Avoid exposing the unit to excessive vibrations.

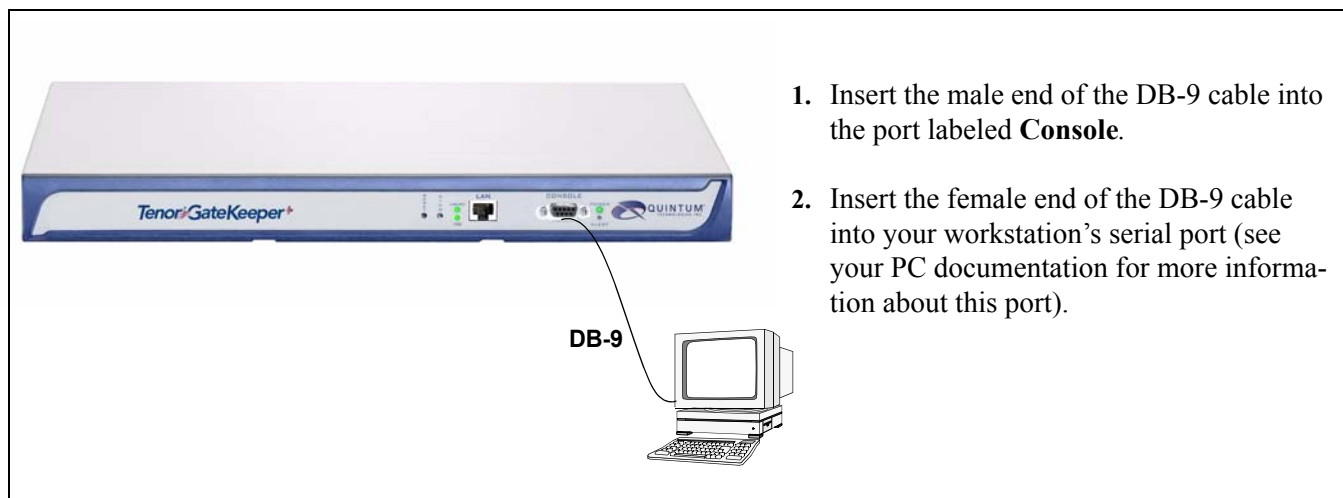
Install Hardware

Step 1: Connect to PC Console (if required, see note)

NOTE: This step is not required for installation unless you would like to connect to the PC's COM port to configure a static IP address.

You will need to connect the *Tenor Gatekeeper+* to your workstation's serial port through the RS-232 connection. (This connection will be used when you assign an IP address to the unit.) These instructions assume you are connecting to a Windows PC.

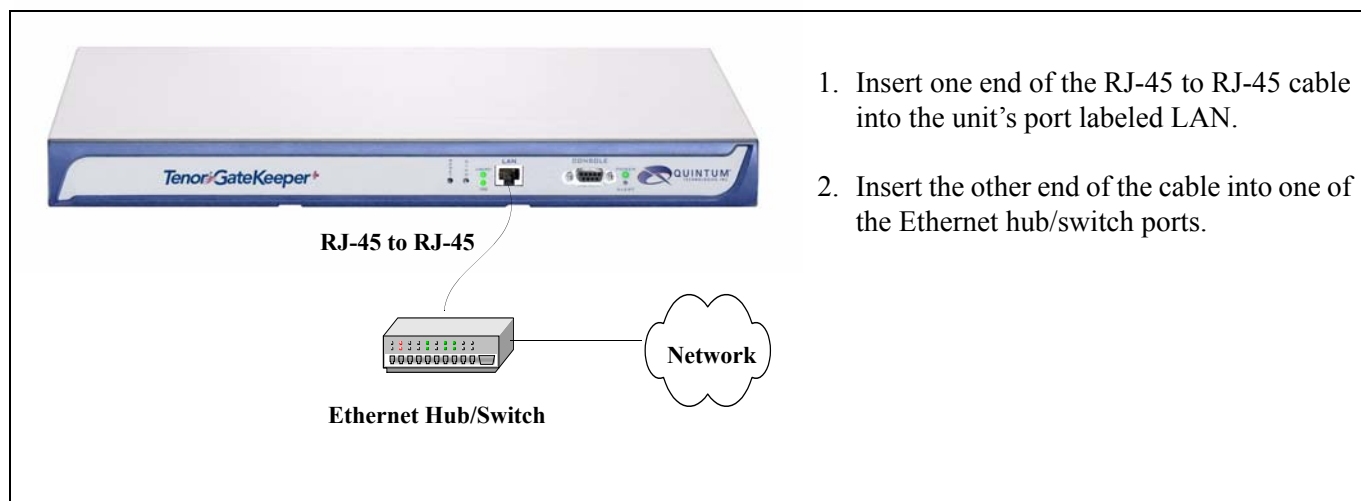
Figure 3-1 Connect to PC Com Port



Step 2: Connect to Ethernet Hub/Switch (LAN)

You can use these instructions for general connection purposes only. The Ethernet hub/switch manufacturer's documentation should provide specific instructions for connection to another device, such as the *Tenor GateKeeper+*.

Figure 3-2 Connect to Ethernet Hub/Switch



Power Up the System

1. Plug in the power cord to an AC outlet.
2. Locate the on/off switch on the back of the unit and click the switch to **On**.

Login without the PC's COM port/Obtain IP Address from Ethernet

Factory defaults are the configuration elements set on the unit new from the factory. By default, when the Tenor is shipped from the factory, the ability to support DHCP (Dynamic Host Configuration Protocol) is enabled. That way, you can obtain an IP address upon bootup and log into the system, without needing the COM port.

Through the **LAN** port on the *Tenor Gatekeeper+* you can connect to a port on a firewall router that is capable of providing DHCP. You can then look at the active lease table of the firewall to get an IP address. If there is no DHCP service available when you turn the unit on, the Tenor gets an IP address of **169.254.xx.xx**, where **xx** and **yy** are the last two bytes of the serial number (in decimal). This allows it to be connected to a PC with an IP on the same subnet.

Log in through the PC's COM port (if required, see note)

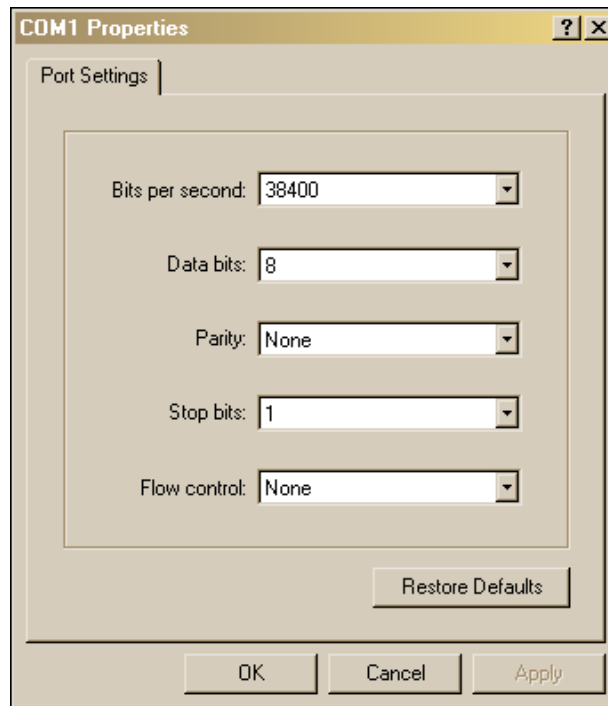
NOTE: This step is **unnecessary** if you do not wish to set a static IP address.

If you do have a COM port on your PC, when you log into a unit through the COM port at bootup, you have the option either to restore factory defaults (keep the IP obtained from the factory) or to configure the static IP address in the Tenor.

Connect through the COM port as follows:

1. Click on *Start > Programs > Accessories > Communications > HyperTerminal*. The *Connection Description* window is displayed.
2. Enter a connection name (i.e., name for the unit such as Tenor Gatekeeper NJ). Click **OK**.
3. Choose the serial port on your PC from the Connect Using drop down list box (i.e., Direct to Com 1). Click **OK**. The *COM1 Properties* window is displayed. See Figure 1-3.

Figure 1-3 COM1 Properties Window



4. Select the following information:

- Bits per Second: **38400**
- Data Bits: **8**
- Parity: **None**
- Stop bits: **1**
- Flow control: **None**

5. Click **OK**. A connection to the Tenor will establish. Information about the unit will scroll on the screen, followed by a message, "WITHIN 4 SECONDS, PRESS 'r' FOR FACTORY DEFAULTS or 'i' to SET STATIC IP".

- Select 'i' - Set Static IP
- The login prompt is displayed. The default user name/password is **admin**. You are then given a series of options to configure the ethernet information.
- The current IP address, Subnet Mask, and Default Gateway are displayed. A message asks you whether you would like to change these. Type **y** (yes) or **n** (no).
- If you type **y**, follow the prompts to change the ethernet information. A message is displayed to tell you the Ethernet interface has been successfully configured and the unit will be restarted. (If you type **n**, the procedure will be cancelled).

You have completed login configuration.

Configuration

You are able to configure the unit through the *Tenor Configuration Manager* or through the Command Line Interface (CLI). For more information, see the *Tenor Configuration Manager/Tenor Monitor User's Guide* and the *Command Line Interface Reference* guide. Both guides are available on the CD ROM you received with the unit or at <http://www.quintum.com>.