Tango

8x8, Inc. Tango

8x8 Contact Information
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- Customer Service, outside of the U.S.: 1.408.727.1885

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User Manual

Video Terminal Adapter VTA464
Version 1.1

Product Approval Information

I. FCC DECLARATION OF CONFORMITY

PRODUCT NAME: 8x8 Tango
MODEL NUMBER: VTA464
FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

FCC COMPLIANCE STATEMENT:
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, and (2) This device must accept any interference received, including interference that may cause undesired operation.
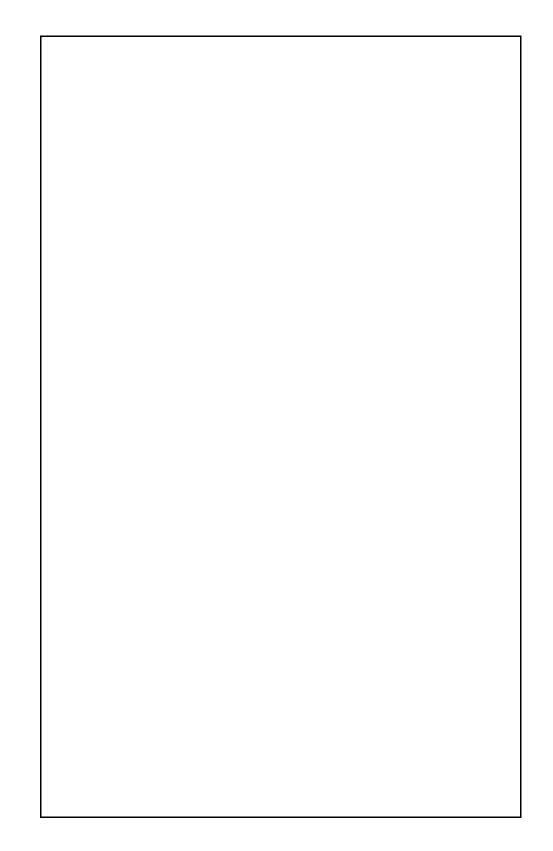
INFORMATION TO USER:
This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference through one or more of the following measures:
1. Reorient/relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE:
8x8, Inc.
3151 Jay Street
Santa Clara, CA 95054 USA
Tel: (408) 727-1885
Fax: (408) 980-0432

www.8x8.com

Important Safety and Warranty Information

Congratulations on the purchase of your 8x8 Tango. This product has been manufactured to meet very high standards for convenient and reliable service.

Always follow these basic safety precautions when using your 8x8 Tango. This will reduce the risk of fire, electric shock, and injury.

- Unplug Tango from both the power outlet and the wall jack before performing care and maintenance.
- Should any solid object or liquid fall into the housing, unplug Tango and have it checked by qualified personnel before operating it again.
- Do not use this product near water or when you are wet.
- Slots and openings on the Tango are for ventilation to prevent overheating. Do not cover them up.
- Do not place Tango near a heat source or in direct sunlight.
- Do not disassemble Tango other than to change the faceplate. Disassembly of Tango will void your warranty.
- Only use the AC power adapter included with Tango. Use of any other power adapter will void your warranty.

8x8 Inc. Limited Warranty Information

If you purchased this Equipment directly from 8x8 or from an authorized 8x8 reseller or retail reseller, 8x8 warrants to you, the original end user customer, that the Equipment will be free from defects in materials and workmanship under normal use. This Limited Warranty to you, the original end user customer, continues for a period of twelve (12) months from the date of purchase from 8x8 or from an authorized 8x8 reseller.

General Information. The warranties described do not apply: (i) to any Equipment subjected to accident, misuse, neglect, alteration, Acts of God, improper handling, improper transport, improper storage, improper use or application, improper installation, improper testing, or unauthorized repair: or (ii) to cosmetic problems or defects which result from normal wear and tear under ordinary use, or do not affect the performance or use of the Equipment. 8x8's warranties apply only to Equipment that is manufactured by 8x8 and identified by an 8x8-owned trademark, trade name or product identification logo affixed to the Equipment. 8x8 does not warrant to you, the end user, or to anyone else, that the Equipment will perform error free or without bugs. ALL WARRANTIES ARE VOID IF END USER DAMAGES THE CAMERA BY ROTATING BEYOND WHAT WAS INSTRUCTED BY THE USER MANUAL.

NOTWITHSTANDING THE FOREGOING, THE REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER FOR BREACH OF ANY IMPLIED WARRANTIES. IN NO EVENT SHALL 8X8 BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) OR OTHER LEGAL THEORY, FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE EQUIPMENT, ACCESSORY, OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE, OR APPLICATIONS, OR THE ABILITY OR INABILITY TO USE THE EQUIPMENT, ACCESSORIES, OR SOFTWARE, TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

8X8 IS NOT RESPONSIBLE FOR PROBLEMS OR DAMAGE CAUSED BY THE INTERACTION OF THE EQUIPMENT WITH ANY OTHER SOFTWARE OR HARDWARE. ALL WARRANTIES ARE VOID IF THE EQUIPMENT IS OPENED, ALTERED, AND/OR DAMAGED.

Introduction

Welcome to 8x8 Tango®, the world's first consumer Video Terminal Adapter (VTA464). Tango is the easiest way to see and converse with friends and family, whether they live across town or on the other side of the world. With Tango, staying in touch is more than just a voice on the other end of the phone line; it's live, full motion video right in front of your eyes at up to 30 frames per second.

What's Included with Your Tango

Everything you need to install your 8x8 Tango is included in the package:

- Standard 6-foot phone cord (RJ-11)
- Standard 6-foot Ethernet cable (RJ-45)
- AC Power Adapter
- CD containing the Tango User's Guide
- Tango Quick Start Guide
- E-911 Postcard

Getting To Know Tango

You can use your Tango with any standard analog telephone, including a cordless phone (UIP160P or UIP165P) or a speakerphone for a hands-free experience.

Below is an illustration of the front and back panel of the 8x8 VTA464

1. **Power Port** - Connect the included power cord here.

2. **Reset Switch** - The **Reset** button is used in rare cases when the Tango may function improperly. Resetting the Tango will restore the Tango's normal operation while maintaining the programmed settings. We recommend that you consult a 8x8 customer service representative before using this button.

3. **WAN** - The **WAN** port is used to connect Tango to your cable or DSL modem or to your existing router.

4. **LAN** - The **LAN** port is used to connect Tango to your computer or other networking device.

5. **Line** - The **Line** port is used to connect Tango to your telephone handset. Use the included telephone cable to connect your phone to this port.

6. **Power/Service Light** - The Power/Service Light will glow red to indicate power or orange to indicate you are registered with a 8x8.

7. **WAN Light** - The **WAN** light is green to indicate that your Tango's WAN interface is connected. It blinks rapidly when information is being sent over the port to the Tango.

8. **LAN Light** - The **LAN** light is green when a PC or other networking device is connected to the TANGO with a network cable.

9. **Line Light** - The **Line** light is green when you go off hook to indicate that your Tango is ready to make a call.

10. ***USB Port** - The **USB** port will allow you to plug in an external USB based device such as keyboard, webcam, and thumb drive.

11. **Camera Lens** - Swivel the camera to 180 degrees; the software will automatically invert the display.

> **Warning:** The camera lens is designed to rotate up to 180 degrees. If you force the rotation beyond 180 degrees, the camera **DAMAGED WILL OCCUR**.

12. **4 Buttons** - Icons display will specify what each button represents.

13. **Menu and 4 Arrow Keys** - helps you navigate through the Tango menu.

14. **Faceplate Latch** - Locks and unlocks the faceplate on the Tango body. You can purchase additional faceplate colors from 8x8 accessories page at www.8x8.com/about/accessories.

*Currently not available in Ver1.0.

Installing Your Tango

Connect Your Tango

1. Plug the power adapter into the Power port and into an AC power outlet.

    Caution: The power supply looks very similar to the phone connector. Please make sure you don't plug the power supply to the LINE port as this will **damage the unit**.

2. Plug your home telephone into the Line port on the adapter.

    Caution: Do not connect Tango to a regular telephone wall jack.

3. The Power LED will light up (Red) while your Tango boots up and connects to the 8x8 network. This light will turn orange once your unit is registered with 8x8. When the boot-up process is completed, the LCD screen will display a background screen with 4 icons.

    Note: Boot up time may take up to 10 seconds.

Configure Your Tango

The Tango can function as your primary gateway/router or as a client within an existing network configuration.

If you currently have broadband access and a gateway/router installed at your location, you may add the Tango as a client to your network. If you currently have broadband Internet access and do not have a router, you may install your Tango as the primary router to your network.

Installing the Tango with an existing network configuration/router.

Plug one end of the enclosed Ethernet cable into the WAN port on the back of the Tango. Plug the other end of the Ethernet cable into your router/gateway, which is connected to your broadband modem. The Tango will automatically obtain an IP address from your existing router.

Installing the Tango as your primary gateway/router.

The Tango supports the two most common broadband connection protocols: DHCP (most common connection type found with Cable Modem) and PPPoE (most DSL providers use this connection type).

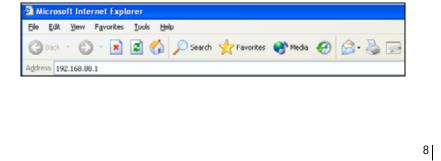**Choose on of the following three set up options that follow:**
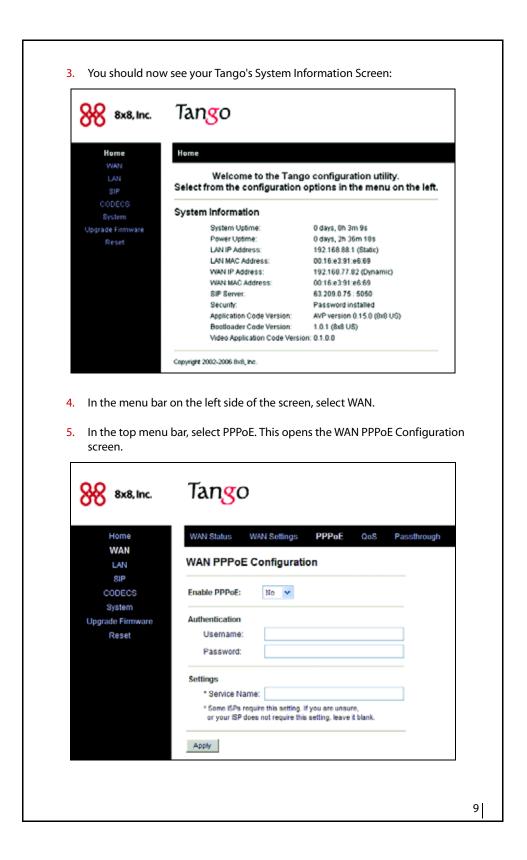
1. Setting up with DHCP

> The Tango is configured for use with Dynamic Host Configuration Protocol (DHCP) by default. If your broadband connection uses DHCP, simply connect your phone's WAN port to your broadband and then connect the phone's power cord to an AC power outlet.
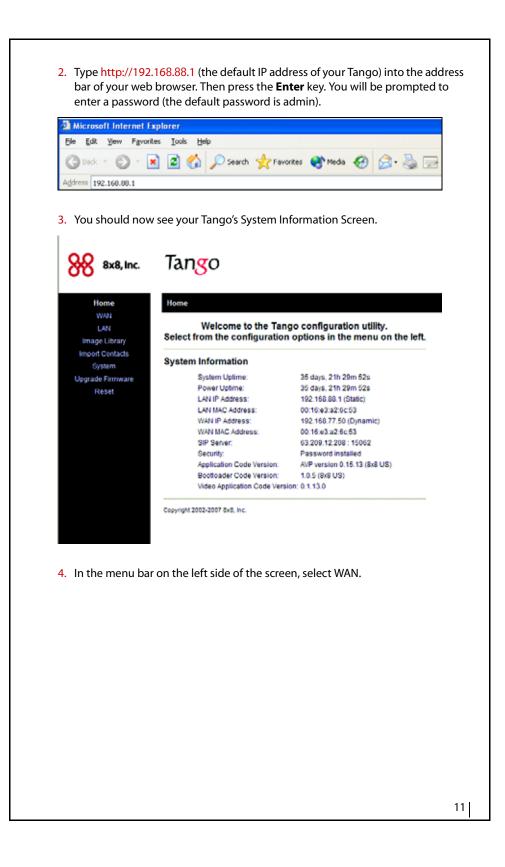
2. Setting up with PPPoE

> If your broadband connection uses PPPoE, you will need to configure the Tango built-in router by inputting the user name and password provided by your Internet Service Provider. Follow the steps below to configure the Tango for use with PPPoE-based connection.

1. Connect a computer with a web browser directly to the LAN port of your Tango.

2. Type http://192.168.88.1 (the default IP address of your Tango) into the address bar of your web browser. Then press the **Enter** key. You will be prompted to enter a password (the default password is admin).

3. You should now see your Tango's System Information Screen:

4. In the menu bar on the left side of the screen, select WAN.

5. In the top menu bar, select PPPoE. This opens the WAN PPPoE Configuration screen.

6. Under **ENABLE PPPOE**, click the drop-down arrow and select YES.

7. Under Authentication, enter the **USERNAME** and **PASSWORD** that were provided by your ISP. User name and password are often case-sensitive, so be sure to enter upper and lower case letters correctly.

8. Under Settings, enter the **SERVICE NAME** and **AC NAME** required by your ISP. If you are not sure, leave this blank.

9. Click **APPLY**.

3. Setting up with Static IP Address

If your broadband provider has given you a static IP address, you will need to enter that information in the Tango. Follow the steps below to configure the Tango for use with a Static IP address...

1. Connect a computer with a web browser directly to the LAN port of your Tango.

2. Type http://192.168.88.1 (the default IP address of your Tango) into the address bar of your web browser. Then press the **Enter** key. You will be prompted to enter a password (the default password is admin).

3. You should now see your Tango's System Information Screen.

4. In the menu bar on the left side of the screen, select WAN.

5. In the top menu bar, select WAN Settings. This will open the WAN Configuration screen.

6. Select the button labeled **SPECIFY STATIC WAN CONFIGURATION.**

7. Enter the IP Address, Subnet Mask, and Gateway Address provided by your ISP.

8. Click **SAVE WAN SETTINGS.**

Activate your 8x8 Service

- Once you have completed the Tango unit set up, you are ready to activate your account. You will need your 10-digit activation code from the email titled, "8x8 Order (your number) Updated on xx/xx/200x", that was sent to your email address when your 8x8 order shipped. (You can also obtain your activation code at www.8x8.com by signing in at 8x8's Customer Self Service Portal.)
- Dial the Automated Activation Service number: **012-0001.
- Follow the voice instructions, and enter your 10-digit activation code. You will receive an email confirming your account information and your 8x8 telephone number.
- You will also receive a "8x8 Registration Service" confirmation email with your 8x8 telephone number.

Using Your Tango

Making Calls

Method 1

1. To call anywhere in the world, dial: country code + area code + number.

   Example: the country code for the U.S. and Canada is "1".
   Dial: 1 + area code + number.

Method 2

1. Press the **Tango Phonebook** icon. Scroll through the list to the name of the person you wish to call or use the SEARCH function by entering the name using the number pad.

2. Once the name of the person you wish to call is selected, select Dial to place a call.

Method 3

1. Press the **Tango Call Logs** icon. Select Missed Calls, Received Calls, or Dialed Calls.

2. Scroll through the call records and select the contact number to call.

3. Once the name of the person you wish to call is selected, select Dial to place the call.

   Note: The Tango device will prompt you to remove the handset to initiate the call if you forget to pick up the handset after hitting the Dial button.

Receiving Calls

When there is an incoming call, your regular attached phone will ring and the LCD screen will simultaneously display the contact number and name of the caller. To answer the call, simply pick up the handset.

   Tip: An automatic Distinctive Ringing feature helps to identify if the incoming call is video and voice or just voice.

Surveillance Mode

User may also enable the Surveillance Mode (Auto Answer) Setting so that the Tango will automatically display video when called.

To enable this feature:

1. Press the **Setup** key.

2. Press the **Surveillance** (Auto Answer) setting.

3. Select **Auto Answer** and scroll to the number of rings desired.

    Note: You may also set up a 6-digit password for security purposes. The remote party will be required to enter the password before viewing your Tango.

To disable Auto-Answer feature, select **Off**.

During Calling Session

Once your call is successfully established with another 8x8 Tango or Videophone, you will see the image of the person to whom you are talking. There are features you can adjust to optimize your video conferencing experience.

Three Way Conference

You can initiate another call to start a three way conference call by:

1. Using the Flash key on your handset to place an active call on hole. Then, simply dial the 3rd party and add them to the call by pressing the **FLASH** key again.

    a. After informing the new participant about the three way call, hit the **FLASH** key again to include all callers in the conversation.
-OR-

2. Selecting the **Menu** key on your navigation panel. Then select **Call Control** followed by **Start Conference**. This will put your current call on hold and dial a third party

    Note: Both operations place the original caller on hold.

To remove a caller from an existing conference call, simply press the **Flash** key on your handset to drop the last person on the conference call.

    Note: A caller may leave the conference on their own by hanging up. Their line will then appear as inactive and the rest of the conference will be unaffected.

Privacy Setting

To turn on/off Privacy setting, select **Menu**, followed by the Privacy on/off button. If the screen shows Privacy off, this means the privacy mode has been turned off.

Self-View Setting

To enable self-view settings, select **Menu** followed by the Self-View on/off button. You have the option to adjust the shade of your self-view screen and move the screen around to your desired location by using the left and right arrow keys.

Bandwidth for Video Streaming

During your call session, you can dynamically adjust the bandwidth download streaming by using the up and down arrow keys.

Camera Lens Setting

During your call session, you can rotate the camera clockwise and up to 180 degrees to show your caller the opposite view. Tango will automatically invert the image when you rotate the camera clockwise more than 90 degrees.

Warning: The camera cannot turn 360 degrees. **The camera lens will be damaged** if you turn it beyond 180 degrees.

Tip: The "Menu" key can be used as the "back" key in these settings.

Setup Menu

Use this menu to configure the following video settings:

Video Settings

Available Bitrate - The upstream bitrate of the Tango user's broadband connection link.

Send Periodic iFrame - The "On" and "Off" settings for "Send Periodic iFrame" enable and disable sending INTRA frames at regular intervals. The "Auto" setting instructs the endpoint to determine if the remote endpoint can request INTRA frames and, if not, send INTRA frames at regular intervals. This setting controls whether the Tango sends unsolicited INTRA frames (also known as keyframes or Fast Updates). These INTRA frames clean up the video when packets are dropped.

It is recommended that this setting be placed on "Auto", as it may cause a brief pause in the video.

iFrame Frequency - This setting manages the frequency unsolicited INTRA frames are sent for "On" and "Auto" settings of "Send Periodic iFrame". For example, an "iFrame Frequency" setting of "4 seconds" will cause the Tango to send an INTRA frame every 4 seconds.

General Display Settings

Color Theme - You can choose different colors for the background and text.

Wallpaper - Choose a preprogrammed background image from your Tango or upload and personalize with your own pictures/images (See Digital Photo Frame section below).

Menu Transparency - Choose level of transparency for your menu background.

Screen Saver - Set the amount of time you would like to elapse before starting your screen saver. You can choose Picture Frame as your screen saver, which will enable and scroll through your customized images (See Digital Photo Frame on page 17).

Hide Main Menu - Select when you would like the main menu to disappear from your LCD screen.

Display Brightness - Adjust the brightness of your LCD screen.

Digital Photo Frame - With Tango, you can upload up to 16 of your own pictures and set them up as your wallpaper and/or screen saver.

1. Connect a computer (must have access to a web browser) directly to the LAN port of your Tango.

2. Enter **http://192.168.88.1** (the default IP address for your Tango) in the address bar of your web browser and press Enter. You will be prompted to enter a password (the default password is **admin**).

3. You should now see *your* Tango's System Information Screen.:

4. Select **Image Library** from the menu bar on the left side of the screen.

5. Use the **Browse** key to locate the image you would like to upload.

6. Click on **Upload new image**.

7. If you followed the instructions correctly, you should be presented with a screen that states, "File upload successful." Click the **OK** button.

8. The next screen will give you an opportunity to upload additional images and show you the images you have already uploaded under the section "Images in Library." Please note that you can delete and/or view images from this screen as well.

> **Note:** Image files must be in JPEG format with a maximum size of 640x480 pixels. However, for optimal performance, you may want to resize or crop your images to 320x240 pixels. To resize/crop your images, go to http://photo.8x8.com.

> **Tip:** Once your favorite images have been uploaded, you can go to "Screen Saver Settings" under the Setup Menu key to select picture frame as your screen saver.

In-Call Display Settings

Display Video Preview - This setting will turn on/off your self-view display when your phone is off hook.

Display Lost Media Icons - This setting will show audio or video loss during your call session, indicating that you may need to adjust your Bandwidth settings. Use the up and down arrow keys - or go to the Video Settings menu to adjust Bandwidth settings.

Call Status - Indicates whenever the call is connected or disconnected.

Network Settings

WAN Interface - Select your type of WAN configuration for your Tango. You have the option of DHCP, Static IP or PPPOE.

DHCP - The Tango is configured for use with Dynamic Host Configuration Protocol (DHCP) by default. If your broadband connection uses DHCP, simply connect your phone's WAN port to your broadband modem and then connect the phone's power cord to an AC power outlet.

Static IP Address - If your provider gave you a static IP address, select this option and fill out all the information required: IP address, subnet mask, default gateway and DNS address.

PPPOE - If your broadband connection uses PPPoE, you will need to configure the Tango by inputting the user name and password provided by your Internet Service Provider.

> **Tip:** Please refer to section in this User Guide for details.

LAN Interface - The LAN interface screen controls the IP address of the LAN port on the Tango. If you have another device controlling IP address assignments on your local network, you may need to change the Tango's local IP address to place it on the same network and subnet. The default LAN IP address of Tango is 1928.168.88.1.

DHCP Server - The DHCP Server setting enables the router to automatically assign an IP address to attached computers using the Dynamic Host Control Protocol. Simply choose On/Off for this option.

VoIP Settings - This is a read only screen. It provides the SIP server, server port and SIP domain information. No changes can be made on this screen.

Surveillance Mode (Auto Answer) Settings

Auto Answer - This will enable the phone to automatically answer after a desired number of rings.

Video Start Password - For security purposes, you can set a password (up to six numeric digits) for remote callers to enter before they can view your end of the Tango.

Localization Settings

The Localization screen controls the time and place settings.

Country - Select the country where the Tango is currently operating.

Time Zone - Select the time zone where the Tango is currently operating.

Daylight Savings zone - Turn On/Off to automatically adjust the time one hour for Daylight Savings Time (DST). If your area does not observe DST, do not enable this option.

NTP Server - Enter the Network Time Protocol (NTP) server you want the Tango to use to automatically update the date and time settings. Leave the field blank if you do not know the server information.

Phone Keypad Settings

Configure the kaypad to the phone that is connected to your Tango.

Keypad Mapping - Select the style of the keypad that matches the phone that is connected to your Tango. This will insure Tango has interpreted all dialed numbers corresponding with the numeric keys to match the phone connected to the Tango.

Status Menu

The Status screen displays status information about your Tango.

WAN - the WAN IP address is displayed here.

LAN - The LAN IP address is displayed here.

MAC Address - The MAC address of the Tango unit is displayed here. (You will need to provide the MAC address when you sign up for 8x8 phone service.)

8x8 Service Status - Shows your connection status.

Firmware Version - This shows the version number of the installed firmware.

Call Logs

The Call Logs function keeps track of the last 100 calls missed, received, and dialed (300 total). You can use any of the logs to quickly initiate a call.

Select the Call Logs you wish to view: Missed, Received or Dialed. Then, select the specific phone number you wish to view. You can save or delete the call log from your Tango phone book.

Phonebook

The Tango Phonebook makes it easy to call those with whom you frequently speak. It can store up to 100 entries.

There are two ways to enter the information:

1. A virtual keypad will display on your screen. Use the navigation arrow keys to select the letter and number.

2. Enter letters and numbers using the handset keypad. Select **Add New** and then **Edit**.. (Pick up your telephone handset and use the keypad to enter the letters or numbers.)

   To enter letters, press a key once to enter the first letter on that number key.

   For example: press **4** once to enter the letter g, press **4** twice to enter letter h.

   Press a key two or three times to enter the second or third letters corresponding to the handset keypad.

   To enter a space, press **1**, or **#** key. To correct an error, press ***** to backspace.

   When finished, select **Done** twice to return to the main menu. It will then prompt you to save the contact information you just entered. Click on the right arrow key to save your contact information.

Import Contact
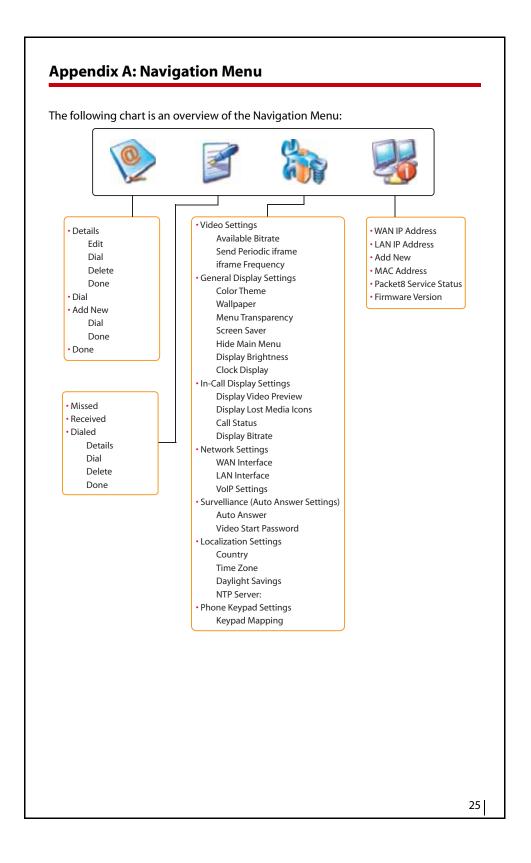
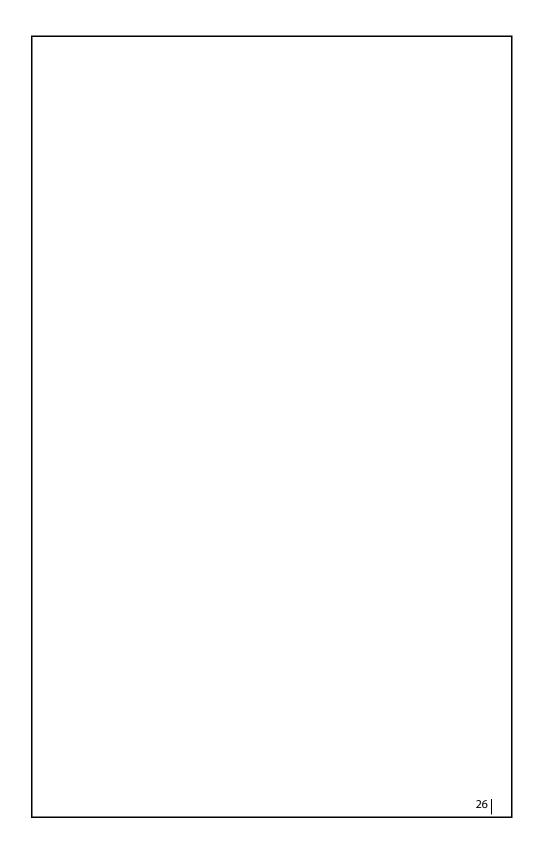Tango allows you to import your contact information from Microsoft Outlook CSV or any other CSV file format.

1. Connect a computer (must have access to a web browser) directly to the LAN port of your Tango.

2. Enter **http://192.168.88.1** (the default IP address for your Tango) in the address bar of your web browser and press Enter. You will be prompted to enter a password (the default password is admin).

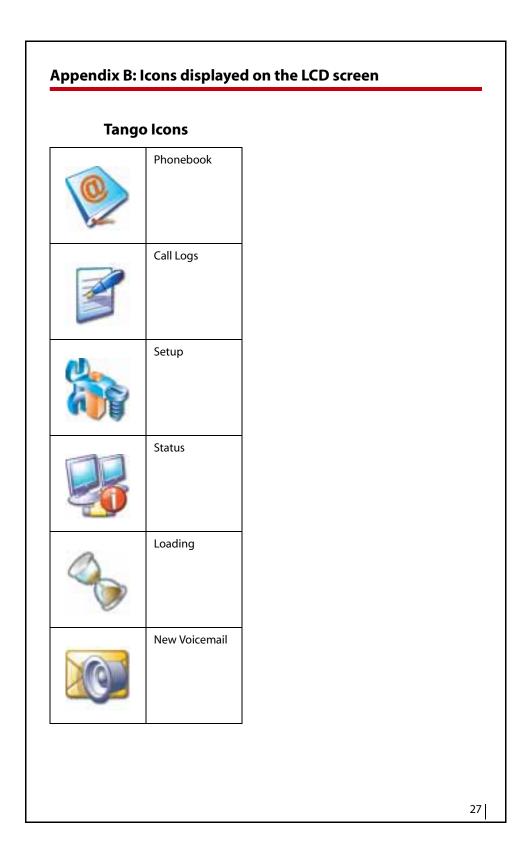3. You should now see your Tango's System Information Screen.

4. Select Import Contacts from the menu bar on the left side of the screen.

Appendix A: Navigation Menu

The following chart is an overview of the Navigation Menu:

- Details
    - Edit
    - Dial
    - Delete
    - Done
- Dial
- Add New
    - Dial
    - Done
- Done

- Missed
- Received
- Dialed
    - Details
    - Dial
    - Delete
    - Done

- Video Settings
    - Available Bitrate
    - Send Periodic iframe
    - iframe Frequency
- General Display Settings
    - Color Theme
    - Wallpaper
    - Menu Transparency
    - Screen Saver
    - Hide Main Menu
    - Display Brightness
    - Clock Display
- In-Call Display Settings
    - Display Video Preview
    - Display Lost Media Icons
    - Call Status
    - Display Bitrate
- Network Settings
    - WAN Interface
    - LAN Interface
    - VoIP Settings
- Survelliance (Auto Answer Settings)
    - Auto Answer
    - Video Start Password
- Localization Settings
    - Country
    - Time Zone
    - Daylight Savings
    - NTP Server:
- Phone Keypad Settings
    - Keypad Mapping

- WAN IP Address
- LAN IP Address
- Add New
- MAC Address
- Packet8 Service Status
- Firmware Version

Appendix B: Icons displayed on the LCD screen

Tango Icons

	Phonebook
	Call Logs
	Setup
	Status
	Loading
	New Voicemail

Tango Icons (Continued)

	Lost Audio
	Missed Calls
	Privacy
	Lost Video

Appendix C: Troubleshooting

1. **The "Configuring Network" message remains on screen.**

   Make sure the Tango has been configured with the proper network settings, according to the "Installation" section of the User Guide.

2. **Tango has no self-view.**

   During your call session, press **Menu**, followed by **Self View** settings. Make sure you set "Self View On". Press the **Menu** key again to remove the menu screen.

   Ensure the camera lens is pointing toward you and not toward the bottom of the Tango.

3. **Tango is unable to call another 8x8 Tango or Videophone.**

   Make sure the message "Configuring network …" is not shown on the LCD screen. Check to see if the RJ-45 Ethernet cable is properly connected to the WAN port of the Tango. If this problem persists, reboot the Tango and try again.

4. **Tango displays a message "Network Unavailable" on the LCD screen when trying to make an outgoing call.**

   Make sure the message "Configuring Network …" is not shown on the LCD screen. Check to see if the RJ-45 Ethernet cable is connected properly to the WAN port of the Tango. If this problem persists, reboot the Tango and try again.

5. **Cannot see the 8x8 Tango user on the other end.**

   Ensure the "Privacy" mode of the other end is not activated.

6. **Cannot hear the 8x8 Tango user on the other end.**

   Ensure the handset is connected properly to the Line port of the Tango.