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DTA BOX INSTALLATION

FOR

PPPoE Protocol

Global NetLINKS

Doc. Number: GLX-002

Rev. : 1

| REVISION LOG | | | | |
|--------------|---------------|------------|--|--|
| REV | DESCRIPTION | DATE | | |
| | | | | |
| 1 | First Release | 2006/11/11 | | |
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Overview.

When you will connect the DTA phone adapter to your DSL modem you will have to make some minor changes to your actual Internet connection configuration. This document will guide you through all step required to successfully install your DTA box.

Step 1 – Cable connections

Prior to start any connection, please, make sure that DSL cable modem power is turned OFF and your PC is shut down as well (don't need to unplug PC's power cord).

The following connections are required:

Connect the Ethernet cable between DSL modem and Internet input of the DTA box (blue socket)

Connect the Ethernet cable between Ethernet output of the DTA box (yellow socket) and PC network card.

Connect telephone cable plug to Phone 1 on the DTA box.

Connect black power plug of the DTA power adapter into DC 5V Power socket on the DTA box (make sure that the power adapter is not powered)

Step 2 – Power connection

Power up your DSL modem by plugging its power adapter into power bar or 120VAC power outlet.

Wait until DSL modem Status light will be ON (usually take 10-20 seconds).

Power up the DTA box by plugging its power adapter into power bar or 120VAC power outlet. Turn ON your PC.

<u>Step 3 – Internet connection setup.</u>

Open your internet browser.

Discard the message that you are not able to connect to your ISP, in browser's menu select Tools -> Internet Options... (see screenshot)



On the popup window select Connections

| Internet Options | ? × |
|---|----------------------|
| General Security Privacy Content Connections | Programs Advanced |
| To set up an Internet connection, click | Set <u>up</u> |
| Dial-up and Virtual Private Network settings | |
| Sympatico (Default) | Add |
| | <u>R</u> emove |
| Choose Settings if you need to configure a proxy server for a connection. | <u>S</u> ettings |
| Never dial a connection | |
| O Dial whenever a network connection is not preserved | nt |
| C Always dial my default connection | |
| Current Sympatico | S <u>e</u> t Default |
| | |
| Local Area Network (LAN) settings | |
| LAN Settings do not apply to dial-up connections. | LAN Settings |
| Choose Settings above for dial-up settings. | |
| | |
| | |
| OK Cano | cel <u>A</u> pply |

Select **Never dial a <u>connection</u>** and press <u>Apply</u> button. Then press Setup to create new default Internet connection. The new connection Wizard will popup:

| v connection wizard | |
|--|---|
| Ś | Welcome to the New Connection Wizard |
| | This wizard helps you: |
| | Connect to the Internet. |
| | Connect to a private network, such as your workplace network. |
| | Set up a home or small office network. |
| | To continue, click Next. |
| | |
| | < Back Next> Cancel |
| w Connection Wizard Network Connectio | n Type |
| w Connection Wizard Network Connectio What do you want | n Type Ito do? |
| w Connection Wizard Network Connectio What do you want © <u>Connect to t</u> Connect to the | n Type to do? he Internet e Internet so you can browse the Web and read email. |
| W Connection Wizard Network Connection What do you want Connect to the Connect to the Connect to the Connect to a be a field office, or | n Type to do? he Internet Internet so you can browse the Web and read email. he network at my workplace business network (using dial-up or VPN) so you can work from home, r another location. |
| w Connection Wizard Network Connectio What do you want Connect to the Connect to the Connect to the Connect to a ba field office, o Connect to an Connect to an | n Type to do? he Internet Internet so you can browse the Web and read email. he network at my workplace nusiness network (using dial-up or VPN) so you can work from home, r another location. ne or small office network existing home or small office network or set up a new one. |
| W Connection Wizard Network Connection What do you want Connect to the Connect to the Connect to the Connect to a be a field office, or Connect to an Connect to | In Type to do? The Internet Internet so you can browse the Web and read email. Internet so you can browse the Web and |
| W Connection Wizard Network Connection What do you want Connect to the Connect to the Connect to the a field office, or Set up a hore Connect to an Set up an ad Connect direct set up this connect to an | In Type to do? The Internet Internet Internet so you can browse the Web and read email. The network at my workplace husiness network (using dial-up or VPN) so you can work from home, r another location. Inter small office network existing home or small office network or set up a new one. Stranced connection by to another computer using your serial, parallel, or infrared port, or inputer so that other computers can connect to it. |

Make sure that the first option "Connect to the Internet" is selected and press

<u>N</u>ext >



Make sure that "Setup my connection manually" is selected and press

| w Connection Wizard | |
|--|---|
| Internet Connection How do you want to connect to the Inter | net? |
| O Connect using a <u>d</u> ial-up modem | |
| This type of connection uses a mode | m and a regular or ISDN phone line. |
| Connect using a broadband cor and password This is a high-speed connection using refer to this type of connection as PP | n nection that requires a <u>u</u>ser name geither a DSL or cable modem. Your ISP may PoE. |
| Connect using a broadband control | nnection that is <u>a</u> lways on |
| This is a high-speed connection using connection. It is always active, and d | g either a cable modem, DSL or LAN oesn't require you to sign in. |
| | |
| | |
| | |
| | |
| | < Back Next > Cancel |
| | |

Select "Connect using a broadband connection that is always on" and press

| New Connection Wizard | | | | |
|--|--|--|--|--|
| S | Completing the New Connection Wizard | | | |
| | Your broadband connection should already be configured and ready to use. If your connection is not working properly, click the following link. | | | |
| Learn more about broadband connections). | | | | |
| | To close this wizard, click Finish. | | | |
| | < <u>B</u> ack Finish Cancel | | | |
| To complete Wizard, click | on Finish | | | |

Going back to Internet Connections (Browser menu -> Tools -> Internet Options.. -> Connections) you will see that the current internet connection changed to none:

| Internet Options | | <u>? ×</u> |
|---|----------------------|------------|
| General Security Privacy Content Connections | Programs Adva | inced |
| To set up an Internet connection, click | Setup | |
| Dial-up and Virtual Private Network settings | | |
| Sympatico | A <u>d</u> d | |
| | <u>R</u> emove | |
| Choose Settings if you need to configure a proxy server for a connection. | <u>S</u> ettings | 1 |
| Never dial a <u>c</u>onnection Dial <u>w</u>henever a network connection is not prese Always dial my default connection | nt | |
| uurrent None | S <u>e</u> t Default | |
| Local Area Network (LAN) settings | | |
| LAN Settings do not apply to dial-up connections. Choose Settings above for dial-up settings. | LAN Settings | |
| | | |
| OK Can | cel <u>App</u> | y |

Press "<u>LAN Settings...</u>". The new popup window will appear:

| Local Area Network (LAN) Settings |
|---|
| use of manual settings, disable automatic configuration. |
| Automatically detect settings |
| Use automatic configuration script |
| Address |
| Proxy server |
| $\Box \qquad \qquad$ |
| Address: Port: 80 Advanged |
| Bypass proxy server for local addresses |
| OK Cancel |

Make sure that the option "Automatically detect settings" is checked. Press

ΟK

Close and reopen your Internet browser and proceed to the next step.

<u>Step 4 – DTA box setup as a router</u>

This is the final step that you will need to do. In your interned browser address bar type the address: 192.168.0.1 and press Enter.

| Eile | <u>E</u> dit | ⊻iew | F <u>a</u> vorite | s <u>T</u> | ools | Help |
|-----------------|--------------|---------|-------------------|------------|------|----------|
| () = | Back 🔻 | \odot | - 🔀 | | | 🔎 Search |
| A <u>d</u> dres | ss 🗌 | http:// | 192.168.0 |).1 | | |

The following web page shall be open:



Go to Wan Setup page:

DTA INSTALLATION

| 🚈 Linksys SPA Configuration - Micro | osoft Internet Explorer | | M 🔤 🐨 🕺 💭 🗀 💶 🖂 🖂 |
|--|--------------------------|-----------------------|------------------------------|
| <u>File Edit View Favorites T</u> ools | Help | | |
| 🎯 Back 🝷 🕥 👻 📓 😭 |) 🔎 Search 🔶 Favorites 🤞 | 🥝 🝰 - 🍃 🖾 - 🗾 😽 | - 🖓 |
| Address 🙆 http://192.168.0.1/ | | | 💌 🄛 Go |
| | XIIIIXU9999 | | |
| LINKS A Division of Cisco System | YS® ems, Inc. | Linksys Phone Ada | pter Configuration |
| Router | Voice | | ······ |
| Status Wan Setup | | | Admin Login basic advanced |
| Internet Connection Settings Connection Type: | DHCP | | |
| Static IP Settings Static IP: | | NetMask: | |
| Gateway: | | in our down | |
| PPPoE Settings | | | |
| PPPOE Login Name: | | PPPOE Login Password: | |
| Optional Settings | | Domain | |
| Primary DNS: | | Secondary DNS: | |
| | Undo All Changes | Submit All Changes | |

In the connection type select PPPoE connection as shown below:

| Internet Connection Settings | |
|--|--|
| Connection Type: | DHCP 💽 |
| Static IP Settings Static IP: Gateway: | DHCP Static IP PPPOE PPPOE,DHCP DHCP,PPPOE |

In the PPPOE Login Name type the user name provided you by your ISP (your account name). In the PPPOE Login Password type your login password provided you by ISP. Note: if you don't know this information or you lost it, please, contact your ISP to obtain it.

| Internet Connection Settings Connection Type: | PPPOE 💽 | | |
|--|---------------|-----------------------|---------------|
| Static IP Settings | | NetMack | |
| Gateway: | | NGUNDSKI | |
| PPPoE Settings PPPOE Login Name: | ISP_user_name | PPPOE Login Password: | your_password |

Press

Submit All Changes

to activate your settings.

The following message will appear for few seconds:



SPA is updating your configuration. Unit may reset. You will be redirected to the configuration page in 5 seconds. If not, you can click <u>HERE</u> to return to the configuration page.

As soon the configuration page will be back your setup process is completed. The green Phone 1 light on the DTA box shall come on shortly after changes were submitted. If the light is not came on, try to pick up the phone for few seconds and then hang up again. Wait couple of minutes to let DTA box obtain activation from the Globalinx service center. If the green light is still OFF after few minutes (5 minutes), make the following steps:

- 1) Power your DSL modem and DTA box OFF
- 2) Shut down your PC
- 3) Wait two minutes
- Power up your DSL box and wait unit it will complete initialization (status light shall come on)
- 5) Power up your DTA box. The yellow light should start blinking, then it should become steady ON, then green light should come on. If this will not happen, please, contact the technical assistance.

The last version of this document can be found at: http://www.globalnetlinks.com/support/voip_connection.html