

Wireless VDSL2 4-port Ethernet Router



























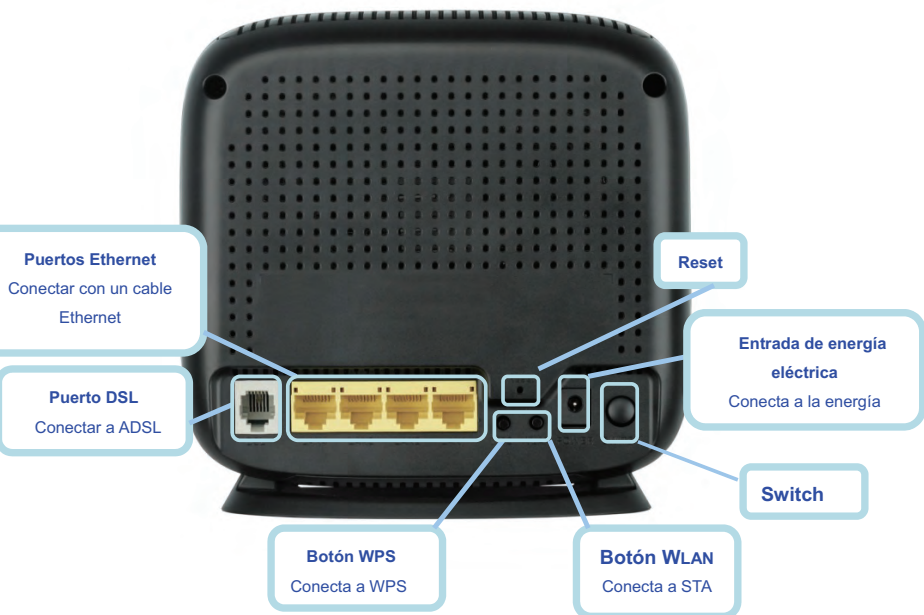




# 1

## Conexión del Router al Computador

- A. En primer lugar, conecte el adaptador de alimentación al receptor ubicado en el panel trasero del DSL-6740B y luego conecte el otro extremo del adaptador de alimentación a una toma de corriente o regleta. El LED se encenderá para indicar un funcionamiento correcto.
- B. Introduzca un extremo del cable a un puerto Ethernet del panel trasero del DSL-6740B y el otro extremo del cable en un adaptador Ethernet o puerto Ethernet disponible en su computador.
- C. Inserte un extremo del cable telefónico en el puerto ADSL ubicado en el panel posterior. Conecte el otro extremo del cable al conector de teléfono de la pared o el dispositivo de filtro de paso bajo que está conectado a la toma de corriente de pared.





## 2

## Configurar el Router

Para utilizar el navegador web y acceder a las páginas web que se utilizan para configurar el router, su equipo debe estar configurado para "Obtener una dirección IP automáticamente", es decir, debe cambiar la configuración de red IP de su computador para que sea un Cliente de servidor DHCP. Si utiliza Windows XP y no sabe cómo cambiar la configuración de red, vaya al Apéndice A y lea las instrucciones proporcionadas. También puede leer el Manual del Usuario para obtener instrucciones sobre cómo cambiar los parámetros IP en computadores con sistemas operativos Windows.



Abra su navegador Web y escriba "http://192.168.0.1" en la barra de direcciones URL. A continuación, pulse la tecla Enter o Return.

La ventana inicio de sesión aparecerá.

La ventana inicio de sesión aparecerá.

Escriba "Administrador" para el User name: y "soporteETB2006" en el campo Password:



Haga Clic en OK.

## 3

## Configurar el Router (continuación)

Después de iniciar su sesión en el router DSL, si no se ha configurado previamente PVC y no existen ajustes por defecto, la página web de configuración rápida aparecerá, la cual contiene una configuración básica necesaria para VPI / VCI.

- **Configuración de la interfaz ATM**

Seleccione Configuración avanzada > Interface Layer 2, aparece la siguiente página, para que pueda agregar o quitar la ATMVPI / VCI y las configuraciones relacionadas.

**D-Link**

DSL ATM Interface Configuration

Choose Add, or Remove to configure DSL ATM interfaces.

Interface	Vpi	Vci	DSL Latency	Category	Peak Cell Rate(cells/s)	Sustainable Cell Rate(cells/s)	Max Burst Size(bytes)	Link Type	Copy Mode	IP QoS	HP/VLAN Prio/Adj/Wght	Remove
atm0	0	32	Path0	UBR				Eth	Var-Max/Mode	Support	8/VRRP/1	<input type="checkbox"/>

Recommend: 1024x768 pixels, High Color(16 bits)

## ● Configuración ATM PVC

### D-Link

- Device Info
- Advanced Setup
  - Layer2 Interface
    - ATM Interface
    - PTM Interface
  - WAN Service
  - LAN
  - NAT
  - Security
  - Url Filter
  - Quality of Service
  - Routing
  - DNS
  - DSL
  - UPnP
  - DNS Proxy
  - Storage Service
  - Interface Grouping
  - IP Tunnel
  - IPSec
  - Multicast
  - Wireless
  - Diagnostics
  - Management

#### ATM PVC Configuration

This screen allows you to configure a ATM PVC.

VPI:  [0-255]

VC:  [32-65535]

Select DSL Latency

Path0 (Fast)

Path1 (Interleaved)

Select DSL Link Type (EoA is for PPPoE, IPoE, and Bridge.)

EoA

PPPoA

IPoA

Encapsulation Mode:

Service Category:

Select Scheduler for Queues of Equal Precedence as the Default Queue

Weighted Round Robin

Weighted Fair Queuing

Default Queue Weight:  [1-63]

Default Queue Precedence:  [2-8] (lower value, higher priority)

VC WRR Weight:  [1-63]

VC Precedence:  [2-8] (lower value, higher priority)

Note: VC scheduling will be SP among unequal precedence VCs and WRR among equal precedence VCs.  
For single queue VC, the default queue precedence and weight will be used for arbitration.  
For multi-queue VC, its VC precedence and weight will be used for arbitration.

Recommend: 1024x768 pixels, High Color(16 Bit)

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## ● Servicio WAN

Seleccione Configuración avanzada> Servicio WAN, y aparece la siguiente página, para que pueda añadir / eliminar / editar la interfaz WAN.

, Edit: Edit. Below the table are 'Add' and 'Remove' buttons. On the left side, there is a navigation menu with 'WAN Service' highlighted. At the bottom, there is a recommendation: 'Recommend: 1024x768 pixels, High Color(16 Bits)'."/>

**D-Link**

Device Info  
Advanced Setup  
Layer2 Interface  
ATM Interface  
PTM Interface  
**WAN Service**  
LAN  
NAT  
Security  
Url Filter  
Quality of Service  
Routing  
DNS  
DSL  
UPnP  
DNS Proxy  
Storage Service  
Interface Grouping  
IP Tunnel  
IPSec  
Multicast  
Wireless  
Diagnostics  
Management

Wide Area Network (WAN) Service Setup

Choose Add, Remove or Edit to configure a WAN service over a selected interface.

Interface	Description	Type	Vlan8021p	VlanMuxId	Zmp	NAT	Firewall	IPv6	HIG	Remove	Edit
p900.1	p900r_r_l_u_33	PPPoE	N/A	N/A	Disabled	Enabled	Enabled	Disabled	Disabled	<input type="checkbox"/>	Edit

Add Remove

Recommend: 1024x768 pixels, High Color(16 Bits)

Haga clic en **Add** para crear una configuración de interfaz de servicios WAN; Haga clic en **Edit** para modificar el servicio WAN. De acuerdo con el contexto de la página, seleccione el elemento de la derecha y haga clic en **Next**, **Back**, paso a paso para configurar el servicio WAN.

Al crear un servicio WAN, se puede ver la siguiente página:

**D-Link**

Device Info  
Advanced Setup  
Layer2 Interface  
ATM Interface  
PTM Interface  
WAN Service  
LAN  
NAT  
Security  
Url Filter  
Quality of Service  
Routing  
DNS  
DSL  
UPnP  
DNS Proxy  
Storage Service  
Interface Grouping  
IP Tunnel  
IPSec  
Multicast  
Wireless  
Diagnostics  
Management

**WAN Service Interface Configuration**

Select a layer 2 interface for this service

Note: For ATM interface, the descriptor string is {portId\_vpl\_vcid}  
For PTM interface, the descriptor string is {portId\_high\_low}  
Where portId=0 -> DSL Latency PATH0

low =0 -> Low PTM Priority not set  
low =1 -> Low PTM Priority set  
high =0 -> High PTM Priority not set  
high =1 -> High PTM Priority set

atm1/ (0 0 35) ▾

Back Next

Recommend: 1024x768 pixels, High Color(16 Bit)

Aquí, usted puede seleccionar la interfaz ATM que se ha configurado antes.

Para el tipo de interfaz ATM "EoA", puede crear servicio WAN: PPPoE / IPoE / Bridging

The screenshot shows the D-Link WAN Service Configuration page. On the left is a navigation menu with categories like Device Info, Layer2 Interface, WAN Service, and Security. The main area is titled 'WAN Service Configuration' and contains the following fields and options:

- Select WAN service type:** Three radio buttons:  PPP over Ethernet (PPPoE),  IP over Ethernet, and  Bridging.
- Enter Service Description:** A text input field containing 'pppoe\_0\_0\_35'.
- For tagged service, enter valid 802.1P Priority and 802.1Q VLAN ID. For untagged service, set -1 to both 802.1P Priority and 802.1Q VLAN ID:** Two input fields, both containing '-1'.
- Enter 802.1P Priority [0-7]:** Input field with '-1'.
- Enter 802.1Q VLAN ID [0-4094]:** Input field with '-1'.
- Network Protocol Selection:** A dropdown menu set to 'IPv4 Only'.
- Buttons:** 'Back' and 'Next' buttons at the bottom right.

At the bottom of the page, there is a small text: 'Recommended: 1024x768 pixels, High Color(16 Bits)'.

Por último, haga clic en **Apply/Save** para guardar la modificación.

**D-Link**

Device Info  
Advanced Setup  
Layer2 Interface  
ATM Interface  
PTM Interface  
WAN Service  
LAN  
NAT  
Security  
Url Filter  
Quality of Service  
Routing  
DNS  
DSL  
UPnP  
DNS Proxy  
Storage Service  
Interface Grouping  
IP Tunnel  
IPSec  
Multicast  
Wireless  
Diagnostics  
Management

WAN Setup - Summary

Make sure that the settings below match the settings provided by your ISP:

Connection Type:	PPPoE
NAT:	Enabled
Full Cone NAT:	Disabled
Firewall:	Enabled
IGMP Multicast:	Disabled
Quality Of Services:	Enabled

Click "Apply/Save" to have this interface to be effective. Click "Back" to make any modifications.

[Back](#) [Apply/Save](#)

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## 4

## Configurar el Router (continuación)

### Configuración Wireless LAN

Puede activar o desactivar la interfaz LAN inalámbrica, ocultar las búsquedas activas de red, establecer el nombre de red inalámbrica (también conocido como SSID) y restringir el canal ajustado sobre la base de los requisitos del país.

**Device Info**  
**Advanced Setup**  
**Wireless**  
 Basic  
 Security  
 MAC Filter  
 Wireless Bridge  
 Advanced  
 Station Info  
 Diagnostics  
 Management

**Wireless -- Basic**

This page allows you to configure basic features of the wireless LAN interface. You can enable or disable the wireless LAN interface, hide the network from active scans, set the wireless network name (also known as SSID) and restrict the channel set based on country requirements. Click "Apply/Save" to configure the basic wireless options.

Enable Wireless  
 Hide Access Point  
 Clients Isolation  
 Disable WMM Advertisement  
 Enable Wireless Multicast Forwarding (WMM)

SSID:   
 BSSID: 02:10:18:01:00:02  
 Country:   
 Max Clients:

**Wireless - Guest/Virtual Access Points:**

Enabled	SSID	Hidden	Isolate Clients	Disable WMM Advertisement	Enable WMM	Max Clients	BSSIDs
<input type="checkbox"/>	wl0_Guest1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16	N/A
<input type="checkbox"/>	wl0_Guest2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16	N/A
<input type="checkbox"/>	wl0_Guest3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16	N/A

Recommend: 102Ar708 (aarch, High Channel 10 Bins)

Ingrese el **SSID** para la LAN inalámbrica

El canal se ajustará de acuerdo a los países para adaptarse a cada disposición de frecuencia

Clic en **Apply/Save**

A continuación se presenta una descripción de las diferentes opciones:

- **Habilitar Wireless:** Si usted desea habilitar la red inalámbrica, debe activar esta primera casilla. De lo contrario, no se mostrarán las opciones Hide Access Point SSID, Country, Enable Wireless Guest Network, and Guest SSID.
- **Esconder (Hide)Access Point:** Marque esta casilla si desea ocultar cualquier punto de acceso de su router, así una estación no podrá obtener el SSID a través del escaneo pasivo.

Haga clic en Apply/Save para guardar las opciones inalámbricas básicas y que las modificaciones se hagan efectivas.



## Configuración de Seguridad Inalámbrica

DSL-6740B está equipado con WPA/WPA2 (Wi-Fi Protected Access), el estándar de seguridad más reciente. También es compatible con el estándar de seguridad heredado, WEP (Wired Equivalent Privacy). De forma predeterminada, la seguridad inalámbrica está desactivada y la autenticación está abierta. Antes de habilitar la seguridad, tenga en cuenta el tamaño de su red, la complejidad y la infraestructura de autenticación existente y luego determine qué solución se aplica a ella.

The screenshot shows the D-Link web interface for wireless security configuration. On the left is a navigation menu with 'Security' highlighted. The main content area is titled 'Wireless - Security' and includes instructions for manual configuration. Under 'WPS Setup', there is a dropdown menu currently set to 'Disabled'. A callout box with a blue border and arrow points to this dropdown, containing the text: 'Seleccione SSID de la red LAN inalámbrica para configurar la seguridad'. Below this, the 'Manual Setup AP' section includes fields for 'Select SSID:' (set to 'CPE-WI-FI\_ETS') and 'Network Authentication:' (set to 'None'), with an 'Apply/Save' button at the bottom.

- **Seleccione SSID:** Seleccione SSID de de la red inalámbrica para configurar las funciones de seguridad.
- **Autenticación de red:** seleccione el modo de autenticación para la LAN inalámbrica seleccionada.

Por favor, consulte el manual para obtener más detalles de descripción.

Haga clic en **Apply/Save** para guardar las opciones de seguridad inalámbrica y las modificaciones se hagan efectivas.

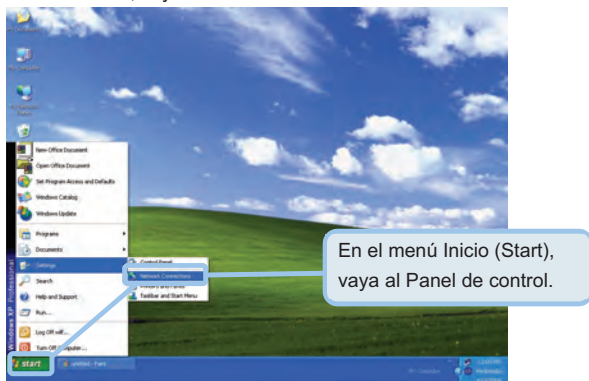
## Apéndice

Para información o parámetros adicionales, consulte las pestañas **Avanzado**, **Herramientas**, o **Estado** en la interfaz de administración web, o consulte el manual que se incluye en el CD-ROM.

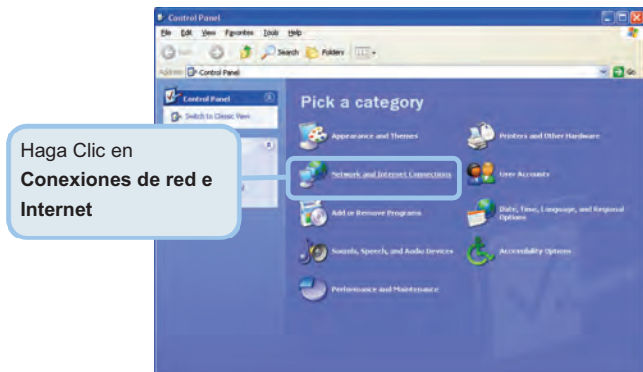
## Configuración de los parámetros IP en Windows XP

Utilice los siguientes pasos para configurar un computador con Windows XP para que sea un cliente DHCP. En el menú Inicio, vaya a Panel de control.

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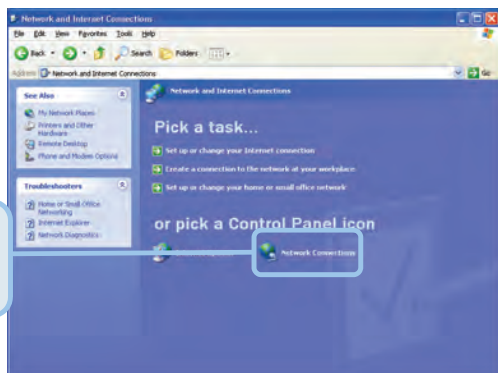


1. En la ventana panel de control, haga clic en **Conexiones de redes e Internet**.



2. En la ventana **Conexiones de redes e Internet**, haga clic en **Conexiones de Red**.

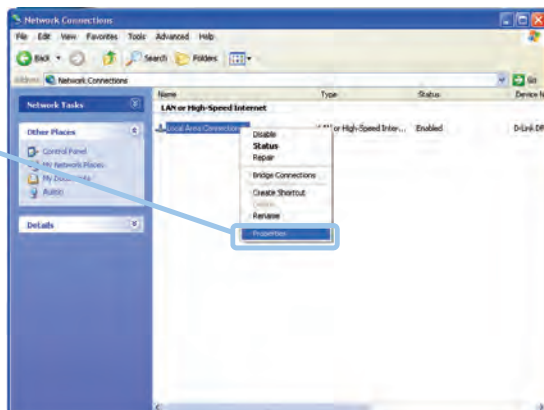
Haga clic en **Conexiones de Red**.



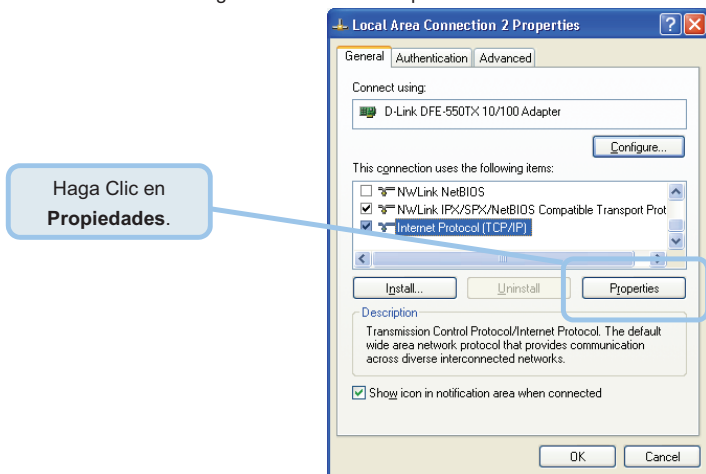
ESPAÑOL

3. En la ventana **Conexiones de Red**, Clic derecho en **Red de Área Local**, luego clic en **Propiedades**.

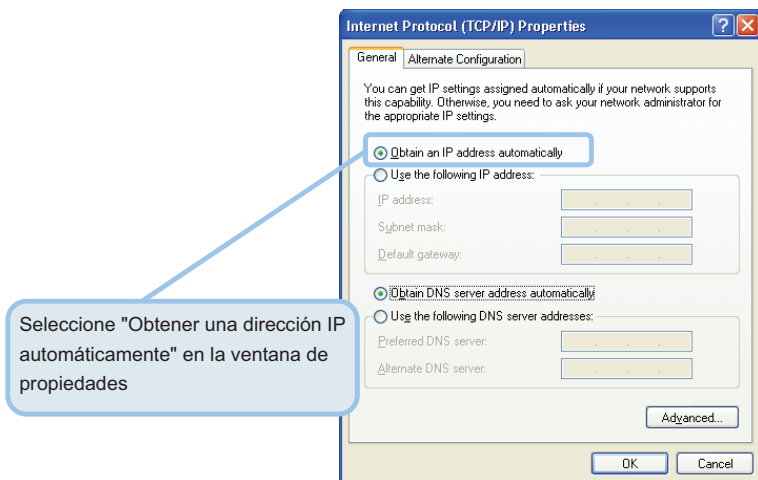
Clic derecho en **Red de Área Local**, luego clic en **Propiedades**.



4. En la pestaña General de la ventana Propiedades de conexión de área local, seleccione Protocolo de Internet (TCP / IP) "Esta conexión utiliza los siguientes elementos:" haciendo clic en él una vez. Haga clic en el botón Propiedades.



5. Seleccione "Obtener una dirección IP automáticamente" haciendo clic una vez en el círculo. Haga clic en el botón Aceptar.



El equipo está ahora listo para usar el servidor DHCP del router.

## SUPORTE TÉCNICO

Usted puede encontrar actualizaciones de softwares o firmwares y documentación para usuarios a través de nuestro sitio [www.dlinkla.com](http://www.dlinkla.com)

### SOPORTE TÉCNICO PARA USUARIOS EN LATINO AMERICA

Soporte técnico a través de los siguientes teléfonos de D-Link

PAIS	NUMERO
Argentina	0800 - 12235465
Chile	800 260200
Colombia	01800 - 510070
Costa Rica	0800 - 0521478
Ecuador	1800 - 035465
El Salvador	800 - 6335
Guatemala	1800 - 8350255
México	01800 - 0626270
Panamá	011 008000525465
Perú	0800 - 00968
Venezuela	0800 - 1005767

### Soporte Técnico de D-Link a través de Internet

Horario de atención Soporte Técnico en [www.dlinkla.com](http://www.dlinkla.com)

e-mail: [sosporte@dlinkla.com](mailto:sosporte@dlinkla.com) & [consultas@dlinkla.com](mailto:consultas@dlinkla.com)

## NOTES

# FCC INFORMATION

This equipment complies with CFR 47, Part 15.19 of the FCC rules. Operation of the equipment is subject to the following 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.

## THIS DEVICE MUST NOT BE CO-LOCATED OR OPERATING IN CONJUNCTION WITH ANY OTHER ANTENNA OR TRANSMITTER

FCC - PART 68 This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US:3P7DL01BDSL-6740 and REN is 0.12B for the test equipment. The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2002, the REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label. It uses the following USOC jacks: RJ-45, RJ11. A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant.

See installation instructions for details. If this equipment, the Wireless VDSL2 4-port Ethernet Router, causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary. The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

If trouble is experienced with this equipment, Wireless VDSL2 4-port Ethernet Router, for repair or warranty information.

**please contact: D-Link USA Inc. 7 Phone : 14-885-6000 If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.**

**If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this device. does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or qualified installer. Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information. Electrical Safety Advisory Telephone companies report that electrical surges, typically lightning transients, are very destructive to customer terminal equipment connected to AC power sources. This has been identified as a major nationwide problem. Therefore it is advised that this equipment be connected to AC power through the use of a surge arrester or similar protection device. Manufacturer's Declaration of Conformance Warnings: This is a Class B product. In a domestic environment this product may cause radio interference, in which case the user may be required to take adequate measures. Adequate measures include increasing the physical distance between this product and other electrical devices.**

### **Federal Communications Commission (FCC) Requirements, Part 15**

This equipment has been tested and found to comply with the limits for 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 by one or more of the following measures:

---Reorient or relocate the receiving antenna.

---Increase the separation between the equipment and receiver.

---Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

---Consult the dealer or an experienced radio/TV technician for help.

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### REGULATORY INFORMATION / DISCLAIMERS

Installation and use of this Wireless LAN device must be in strict accordance with the instructions included in the user documentation provided with the product. Any changes or modifications (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment. The manufacturer is not responsible for any radio or television interference caused by unauthorized modification of this device, or the substitution of the connecting cables and equipment other than manufacturer specified. It is the responsibility of the user to correct any interference caused by such unauthorized modification, substitution or attachment. Manufacturer and its authorized resellers or distributors will assume no liability for any damage or violation of government

**CAUTION:** To maintain compliance with FCC's RF exposure guidelines, this equipment should be installed and operated with minimum distance 20cm between the radiator and your body. Use on the supplied antenna. Unauthorized antenna, modification, or attachments could damage the transmitter and may violate FCC regulations.

## NOTES

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