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### Setup Wizard

The Setup Wizard is a useful and easy utility to help setup the DI-624 to quickly connect to your ISP (Internet Service Provider) with only a few steps required. It will guide you step by step to configure the password, time, WAN, and Wireless settings of your DI-624.

### Wireless Settings

Wireless Settings are settings for the (Access Point) Portion of the Wireless Router. Allow you to change the wireless settings to fit an existing wireless network or to customize your wireless network.

### SSID

Service Set Identifier (SSID) is the name designated for a specific wireless local area network (WLAN). The SSID's factory default setting is "default". The SSID can be easily changed to connect to an existing wireless network or to establish a new wireless network.

### Channel

Indicates the channel setting for the DI-624. By default the channel is set to 6. The Channel can be changed to fit the channel setting for an existing wireless network or to customize the wireless network.

### WEP

Wired Equivalent Protocol (WEP) is a wireless security protocol for Wireless Local Area Networks (WLAN). WEP provides security by encrypting the data that is sent over the WLAN. The DI-624 supports 2 levels of WEP Encryption: 64Bit encryption and 128Bit encryption. WEP is disabled by default. The WEP setting can be changed to fit an existing wireless network or to customize your wireless network.

### Key Type

The Key Types that are supported by the DI-624 are HEX (Hexadecimal) and ASCII (American Standard Code for Information interchange.) The Key Type can be changed to fit an existing wireless network or to customize your wireless network.

### KEYS

Keys 1-4 allow you to easily change wireless encryption settings to maintain a secure network. Simply select the specific key to be used for encrypting wireless data on the network.

### WAN Settings

WAN (wide area network) Settings are settings that are used to connect to your ISP (Internet Service Provider). The WAN settings are provided to you by your ISP and often times referred to as "public settings". Please select the appropriate option for your specific ISP.

### WAN - Dynamic IP Address

Select this option if your ISP (Internet Service Provider) provides you an IP address automatically. Cable modem providers typically use dynamic assignment of IP Address.

**Host Name** - (optional) The Host Name field is optional but may be required by some Internet Service Providers. The default host name is the model number of the device.

**MAC Address** - (optional) The MAC (Media Access Control) Address field is required by some Internet Service Providers (ISP). The default MAC address is set to the MAC address of the WAN interface in the device. You can use the "Clone MAC Address" button to automatically copy the MAC address of the Ethernet Card installed in the computer used to configure the device. It is only necessary to fill the field if required by your ISP.

### WAN - Static IP Address

If required by your ISP (Internet Service Provider) select this option to configure the device with the static IP Address information. Enter in the IP address, subnet mask, gateway address, and DNS (domain name server) address(es) provided to

you by your ISP. Each IP address entered in the fields must be in the appropriate IP form, which are four IP octets separated by a dot (x.x.x.x). The Router will not accept the IP address if it is not in this format.

*Example:* 192.168.100.100

### **vWAN - PPPoE**

Select this option if your ISP requires you to use a PPPoE (Point to Point Protocol over Ethernet) connection. DSL providers typically use this option. Select Dynamic PPPoE to obtain an IP address automatically for your PPPoE connection (used by majority of PPPoE connections). Select Static PPPoE to use a static IP address for your PPPoE connection.

**User Name** - Enter your PPPoE username.

**Password** - Enter your PPPoE password.

**Service Name** - If your ISP uses a service name for the PPPoE connection, enter the service name here. (optional)

*Example:*@earthlink.net

**IP Address** - This option is only available for Static PPPoE. Enter in the static IP address for the PPPoE connection.

**Primary DNS Address** - Primary DNS (Domain Name Server) IP provided by your ISP.

**Secondary DNS Address** - optional

**Maximum Idle time** - The amount of time of inactivity before the device will disconnect your PPPoE session. Enter a Maximum Idle Time (in minutes) to define a maximum period of time for which the Internet connection is maintained during inactivity. If the connection is inactive for longer than the defined Maximum Idle Time, then the connection will be dropped. Either set the value for idle time to zero or enable Auto-reconnect to disable this feature.

**Auto-reconnect** - If enabled, the device will automatically connect to your ISP after your unit is restarted or when the connection is dropped.

### **LAN Settings**

These are the IP settings of the LAN (Local Area Network) interface for the device. These settings may be referred to as "private settings". You may change the LAN IP address if needed. The LAN IP address is private to your internal network and cannot be seen on the Internet. The default IP address is 192.168.0.1 with a subnet mask of 255.255.255.0.

**Address:** IP address of the DI-624, default is 192.168.0.1.

**Subnet Mask:** Subnet Mask of DI-624, default is 255.255.255.0.

**Local Domain Name:** (optional) Enter in the local domain name for the network.

### **DHCP Server**

DHCP stands for Dynamic Host Control Protocol. The DHCP server gives out IP addresses when a device is starting up and request an IP address to be logged on to the network. The device must be set as a DHCP client to "Obtain the IP address automatically". By default, the DHCP Server is enabled in the unit. The DHCP address pool contains the range of the IP address that will automatically be assigned to the clients on the network.

**Starting IP address** - The starting IP address for the DHCP server's IP assignment.

**Ending IP address** - The ending IP address for the DHCP server's IP assignment.

**Lease Time** - The length of time for the IP lease.

DHCP client computers connected to the unit will have their information displayed in the DHCP Client Table. The table will show the Host Name, IP Address, MAC Address, and Expired Time of the DHCP lease for each client computer.