

Time Settings

The Time Configuration option allows you to configure, update, and maintain the correct time on the internal system clock. From this section you can set the time zone that you are in and set the Time Server. Daylight Saving can also be configured to automatically adjust the time when needed.

Time Zone: Select the Time Zone from the drop-down menu.

Daylight Saving: To select Daylight Saving time manually, select enabled or disabled, and enter a start date and an end date for daylight saving time.

Enable NTP Server: NTP is short for Network Time Protocol. NTP synchronizes computer clock times in a network of computers. Check this box to use a NTP server. This will only connect to a server on the Internet, not a local server.

NTP Server Used: Enter the NTP server or select one from the drop-down menu.

Manual: To manually input the time, enter the values in these fields for the Year, Month, Day, Hour, Minute, and Second and then click **Set Time**. You can also click **Copy Your Computer's Time Settings**.

D-Link

DIR-825

ADMIN TIME SYSLOG EMAIL SETTINGS SYSTEM FIRMWARE DYNAMIC DNS SYSTEMCHECK SCHEDULES

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TIME

The Time Configuration option allows you to configure, update, and maintain the correct time on the internal system clock. From this section you can set the time zone that you are in and set the NTP (Network Time Protocol) Server. Daylight Saving can also be configured to automatically adjust the time when needed.

Save Settings Don't Save Settings

TIME CONFIGURATION

Current Router Time : Saturday, January 31, 2004 10:48:04 AM

Time Zone : (GMT-0800) Pacific Time (US/Canada), Tijuana

Enable Daylight Saving :

Daylight Saving Offset : +1:00

Daylight Saving Dates : DST Start Month Week Day of Week Time
 DST End Month Week Day of Week Time

AUTOMATIC TIME CONFIGURATION

Enable NTP Server :

NTP Server Used : << Select NTP Server >>

SET THE DATE AND TIME MANUALLY

Date And Time : Year 2004 Month Jan Day 31
 Hour 10 Minute 48 Second 01 AM

Copy Your Computer's Time Settings

Helpful hints...
 Good timekeeping is important for accurate logs and scheduled firewall rules.
 More...

WIRELESS

SysLog

The Broadband Router keeps a running log of events and activities occurring on the Router. You may send these logs to a SysLog server on your network.

Enable Logging to SysLog Server: Check this box to send the router logs to a SysLog Server.

SysLog Server IP Address: The address of the SysLog server that will be used to send the logs. You may also select your computer from the drop-down menu (only if receiving an IP address from the router via DHCP).

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SYSLOG

The SysLog options allow you to send log information to a SysLog Server.

Save Settings Don't Save Settings

SYSLOG SETTINGS

Enable Logging To Syslog Server:

Helpful Hints...

A Syslog logger (syslog) is a server that collects in one place the logs from different sources. If the LAN includes a syslog server, you can use this option to send the router's logs to that server.

[Here...](#)

Email Settings

The Email feature can be used to send the system log files, router alert messages, and firmware update notification to your email address.

Enable Email Notification: When this option is enabled, router activity logs are e-mailed to a designated email address.

From Email Address: This email address will appear as the sender when you receive a log file or firmware upgrade notification via email.

To Email Address: Enter the email address where you want the email sent.

SMTP Server Address: Enter the SMTP server address for sending email. If your SMTP server requires authentication, select this option.

Enable Authentication: Check this box if your SMTP server requires authentication.

Account Name: Enter your account for sending email.

Password: Enter the password associated with the account. Re-type the password associated with the account.

On Log Full: When this option is selected, logs will be sent via email when the log is full.

On Schedule: Selecting this option will send the logs via email according to schedule.

Schedule: This option is enabled when On Schedule is selected. You can select a schedule from the list of defined schedules. To create a schedule, go to **Tools > Schedules**.

The screenshot shows the 'EMAIL SETTINGS' page in the D-Link DIR-825 web interface. The page is divided into several sections:

- ENABLE:** Contains a checkbox for 'Enable Email Notification'.
- EMAIL SETTINGS:** Contains input fields for:
 - From Email Address:
 - To Email Address:
 - SMTP Server Address:
 - SMTP Server Port: 25
 - Enable Authentication:
 - Account Name:
 - Password:
 - Verify Password:
- EMAIL LOG WHEN FULL OR ON SCHEDULE:** Contains:
 - On Log Full:
 - On Schedule:
 - Schedule: [Never] (dropdown menu)
 - Details: [Never] (dropdown menu)

At the top right of the main content area, there is a 'Save Settings' button and a 'Don't Save Settings' button. The page also includes a 'Helpful Hints...' section at the bottom right, which states: 'You may want to make the email settings similar to those of your email client program. More...'.

System Settings

This section allows you to manage the router's configuration settings, reboot the router, and restore the router to the factory default settings. Restoring the unit to the factory default settings will erase all settings, including any rules that you've created.

Save Settings to Local Hard Drive: Use this option to save the current router configuration settings to a file on the hard disk of the computer you are using. First, click the **Save** button. You will then see a file dialog, where you can select a location and file name for the settings.

Load Settings from Local Hard Drive: Use this option to load previously saved router configuration settings. First, use the Browse control to find a previously save file of configuration settings. Then, click the **Load** button to transfer those settings to the router.

Restore to Factory Default Settings: This option will restore all configuration settings back to the settings that were in effect at the time the router was shipped from the factory. Any settings that have not been saved will be lost, including any rules that you have created. If you want to save the current router configuration settings, use the **Save** button above.

Reboot Device: Click to reboot the router.

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SYSTEM SETTINGS

The System Settings section allows you to reboot the device, or restore the router to the factory default settings. Restoring the unit to the factory default settings will erase all settings, including any rules that you have created.

The current system settings can be saved as a file onto the local hard drive. The saved file or any other saved setting file created by device can be uploaded into the unit.

SYSTEM SETTINGS

Save To Local Hard Drive: Save Configuration

Load From Local Hard Drive: Browse... Restore Configuration from File

Restore To Factory Default: Restore Factory Defaults
Restore all settings to the factory defaults.

Reboot The Device: Reboot the Device

Helpful Hints...

Once your router is configured the way you want it, you can save the configuration settings to a configuration file.

You might need this file so that you can load your configuration later in the event that the router's default settings are restored.

To save the configuration, click the **Save Configuration** button.

None...

WIRELESS

Update Firmware

You can upgrade the firmware of the Router here. Make sure the firmware you want to use is on the local hard drive of the computer. Click on **Browse** to locate the firmware file to be used for the update. Please check the D-Link support site for firmware updates at <http://support.dlink.com>. You can download firmware upgrades to your hard drive from the D-Link support site.

Firmware Upgrade: Click on **Check Now** to find out if there is an updated firmware; if so, download the new firmware to your hard drive.

Browse: After you have downloaded the new firmware, click **Browse** to locate the firmware update on your hard drive. Click **Upload** to complete the firmware upgrade.

Notifications Check **Automatically Check Online for Latest Firmware Version** to have the router check automatically to see if there is a new firmware upgrade.

Check **Email Notification of Newer Firmware Version** to have the router send an email when there is a new firmware available.

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ADMIN TIME SYSLOG EMAIL SETTINGS SYSTEM FIRMWARE DYNAMIC DNS SYSTEM CHECK SCHEDULES

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FIRMWARE

There may be new firmware for your DIR-825 to improve functionality and performance. To upgrade the firmware, locate the upgrade file on the local hard drive with the Browse button. Once you have found the file to be used, click the Upload button below to start the firmware upgrade.

Save Settings Don't Save Settings

FIRMWARE INFORMATION

Current Firmware Version : 1.00
Current Firmware Date : 2008/06/02
Check Online Now for Latest Firmware Version :

FIRMWARE UPGRADE

Note: Some firmware upgrades reset the configuration options to the factory defaults. Before performing an upgrade, be sure to save the current configuration from the Tools > System screen.

To upgrade the firmware, your PC must have a wired connection to the router. Enter the name of the firmware upgrade file, and click on the Upload button.

Upload :

FIRMWARE UPGRADE NOTIFICATION OPTIONS

Automatically Check Online for Latest Firmware Version :
Email Notification of Newer Firmware Version :

WIRELESS

Helpful Hints...
Firmware updates are released periodically to improve the functionality of your router and to add features. If you run into a problem with a specific feature of the router, check if updated firmware is available for your router.
[More...](#)

DDNS

The DDNS feature allows you to host a server (Web, FTP, Game Server, etc...) using a domain name that you have purchased (www.whateveryournameis.com) with your dynamically assigned IP address. Most broadband Internet Service Providers assign dynamic (changing) IP addresses. Using a DDNS service provider, your friends can enter in your domain name to connect to your server no matter what your IP address is.

Enable Dynamic DNS: Dynamic Domain Name System is a method of keeping a domain name linked to a changing IP Address. Check the box to enable DDNS.

Server Address: Choose your DDNS provider from the drop down menu.

Host Name: Enter the Host Name that you registered with your DDNS service provider.

Username or Key: Enter the Username for your DDNS account.

Password or Key: Enter the Password for your DDNS account.

Timeout: Enter a time (in hours).

Status: Displays the current connection status.

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DYNAMIC DNS

The DDNS feature allows you to host a server (Web, FTP, Game Server, etc...) using a domain name that you have purchased (www.whateveryournameis.com) with your dynamically assigned IP address. Most broadband Internet Service Providers assign dynamic (changing) IP addresses. Using a DDNS service provider, your friends can enter your host name to connect to your game server no matter what your IP address is.

Sign up for D-Link's Free DDNS service at www.DLinkDDNS.com.

Save Settings Don't Save Settings

DYNAMIC DNS

Enable Dynamic DNS:

Server Address: Select Dynamic DNS Server

Host Name: (e.g.: me.mydomain.net)

Username or Key:

Password or Key:

Verify Password or Key:

Timeout: (hours)

Status: 57% Disconnect

Helpful hints...
To use this feature, you must first have a Dynamic DNS account from one of the providers in the drop down menu...
More...

System Check

Ping Test: The Ping Test is used to send Ping packets to test if a computer is on the Internet. Enter the IP Address that you wish to Ping, and click **Ping**.

Ping Results: The results of your ping attempts will be displayed here.

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PING TEST
Ping test sends "ping" packets to test a computer on the Internet.

PING TEST!
Host Name or IP Address :

PING RESULT
Enter a host name or IP address above and click "ping".

SUPPORT
Helpful hints...
"ping" checks whether a computer on the Internet is running and responding. Enter either the IP address of the target computer or enter its fully qualified domain name.
[More...](#)

Schedules

Schedules can be created for use with enforcing rules. For example, if you want to restrict web access to Mon-Fri from 3pm to 8pm, you could create a schedule selecting Mon, Tue, Wed, Thu, and Fri and enter a Start Time of 3pm and End Time of 8pm.

- Name:** Enter a name for your new schedule.
- Days:** Select a day, a range of days, or **All Week** to include every day.
- Time:** Check **All Day - 24hrs** or enter a start and end time for your schedule.
- Save:** Click **Save** to save your schedule. You must click **Save Settings** at the top for your schedules to go into effect.

Schedule Rules List: The list of schedules will be listed here. Click the **Edit** icon to make changes or click the **Delete** icon to remove the schedule.

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HELPFUL HINTS...

Schedules are used with a number of other features to define when those features are in effect.

Give each schedule a name that is meaningful to you. For example, a schedule for Monday through Friday from 3:00pm to 8:00pm might be called "After School".

Click **Save** to add a completed schedule to the list below.

Click the **Edit** icon to change an existing schedule.

Click the **Delete** icon to permanently delete a schedule.

[More...](#)

SCHEDULES

The Schedule configuration option is used to manage schedule rules for various firewall and port control features.

ADD SCHEDULE RULE

Name:

Day(s): All Week Select day(s)

Sun Mon Tue Wed Thu Fri Sat

All Day - 24 hrs:

Start Time: 12 : 0 AM (hour:minute, 12 hour time)

End Time: 12 : 0 AM (hour:minute, 12 hour time)

SCHEDULE RULES LIST

Name	Day(s)	Time Frame

Device Information

This page displays the current information for the DIR-825. It will display the LAN, WAN (Internet), and Wireless information. If your Internet connection is set up for a Dynamic IP address then a **Release** button and a **Renew** button will be displayed. Use **Release** to disconnect from your ISP and use **Renew** to connect to your ISP.

If your Internet connection is set up for PPPoE, a **Connect** button and a **Disconnect** button will be displayed. Use **Disconnect** to drop the PPPoE connection and use **Connect** to establish the PPPoE connection.

The screenshot shows the D-Link DIR-825 web interface. The top navigation bar includes links for Overview, Statistics, System, and Wireless. The main content area is titled 'Device Information' and contains several sections:

- General:** Shows the router's status (Online), connection type (Dynamic IP), and a 'Release' button. It also displays the WAN IP address (192.168.1.1) and the WAN MAC address (00:00:00:00:00:00).
- WAN:** Displays WAN settings including connection type (Dynamic IP), IP address (192.168.1.1), subnet mask (255.255.255.0), and DNS servers (8.8.8.8, 8.8.4.4).
- LAN:** Shows LAN settings such as MAC address (00:00:00:00:00:00), IP address (192.168.1.1), and DHCP server status (Enabled).
- Wireless LAN:** Displays wireless settings including SSID (D-Link), channel (11), and security (WPA2-PSK).
- LAN Computers:** Lists devices connected to the LAN, showing their IP addresses and MAC addresses.

General: Displays the router's time and firmware version.

WAN: Displays the MAC address and the public IP settings for the router.

LAN: Displays the MAC address and the private (local) IP settings for the router.

Wireless LAN: Displays the wireless MAC address and your wireless settings such as SSID and Channel.

LAN Computers: Displays computers and devices that are connected to the router via Ethernet and that are receiving an IP address assigned by the router (DHCP).

Log

The router automatically logs (records) events of possible interest in its internal memory. If there isn't enough internal memory for all events, logs of older events are deleted but logs of the latest events are retained. The Logs option allows you to view the router logs. You can define what types of events you want to view and the level of the events to view. This router also has external Syslog Server support so you can send the log files to a computer on your network that is running a Syslog utility.

What to View: You can select the types of messages that you want to display from the log. **Firewall & Security**, **System**, and **Router Status** messages can be selected.

View Levels: There are three levels of message importance: **Informational**, **Warning**, and **Critical**. Select the levels that you want displayed in the log.

Apply Log Settings: Will filter the log results so that only the selected options appear.

Refresh: Updates the log details on the screen so it displays any recent activity.

Clear: Clears all of the log contents.

Email Now: This option will send a copy of the router log to the email address configured in the **Tools > Email Settings** screen.

Save Log: This option will save the router to a log file on your computer.

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DEVICE INFO | LOGS | STATISTICS | INTERNET SESSIONS | WIRELESS | WFI SESSIONS | SETUP | ADVANCED | TOOLS | STATUS | SUPPORT

LOGS

Helpful Hints...
Check the log frequently to detect unauthorized network usage.
You can also have the log mailed to you periodically. Refer to [Tools](#) → [Email](#).
[More...](#)

View the logs. You can define what types of events you want to view and the event levels to view. This router also has external Syslog server support so you can send the log files to a computer on your network that is running a Syslog utility.
NOTE: The Email Now button is disabled because Email Notification is not enabled on [Tools](#) → [Email](#) screen.

LOG OPTIONS

What to View : Firewall & Security System Router Status
View Levels : Critical Warning Informational
[Apply Log Settings View](#)

LOG DETAILS

14 Log Entries:

Priority	Time	Message
[INFO]	Sat Jan 31 11:04:05 2004	Log viewed by IP address 192.168.0.172
[INFO]	Sat Jan 31 10:53:13 2004	Above message repeated 2 times
[INFO]	Sat Jan 31 11:45:06 2004	Allowed configuration authentication by IP address 192.168.0.72
[INFO]	Sat Jan 31 10:35:51 2004	2.4GHz Band: Wireless link s up
[WARN]	Sat Jan 31 10:35:51 2004	A network computer ("emmar-5000") was assigned the IP address of 192.168.0.72.