

***Roq-it***

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**D-Link<sup>®</sup>**

***Roq-it***

**Roq-it 10 GB**

**[DMP-HD610]**

**Portable MP3 Jukebox**

**User's Guide**



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**RoQ-it**

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## **INTRODUCTION**

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### **What is the Roq-it 10 GB?**

The Roq-it 10 GB is a high performance portable MP3 solution. You can use your Roq-it 10 GB as an external hard drive to store all your personal data or store your entire music collection in MP3 format. Your road trips will never be the same once you've used a portable MP3 player with thousands of songs at your fingertips. It uses a 2.5" laptop hard drive to store MP3 music files, and an internal MP3 decoder board to playback your MP3 music. With this player you no longer have to worry about bringing your CD catalogue along on a trip or worry about scratched CDs. With the fast and simple USB interface, you can upload your MP3 songs quickly and be on your way. When connected to your computer, the Roq-it 10 GB shows up just like a normal hard-drive on your computer. Simply copy your favourite music onto the drive.

### **The Roq-it 10 GB supports the following features:**

- Can play thousands of MP3 format songs from a single hard drive, only limited to the hard drives capacity.
- The Roq-it 10 GB is not just a MP3 player, but also an external USB drive that can act as a digital wallet to carry files of any type. Carry all your games, movies, documents, presentations, etc.
- When the Roq-it 10 GB is connected to a PC by the USB port, the PC will see the Roq-it 10 GB as a regular external hard drive.
- The unit can be connected to any "Line in" or "AUX in" audio connection on stereos.
- It is easy to connect to your car' s stereo by using a cassette adapter, RF modulator or just connecting it to "Line in."

- It has many play modes, equalizer, song / track ID info, volume, playlist, and more. Supports M3U playlists.
- It is easy to choose a song on the illuminated graphic LCD panel and remote control.

## Specifications

|                          |                                                                                                                                                                                                                                                                     |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>LCD DISPLAY</b>       | <ul style="list-style-type: none"><li>• Liquid Crystal Display (LCD) Screen</li><li>• 56X32 mm visual area</li><li>• Blue back light</li><li>• 64X128 graphic display</li><li>• Multi-Language ability (firmware upgradeable)</li></ul>                             |
| <b>MEMORY</b>            | <ul style="list-style-type: none"><li>• Built-in 2 MB buffer</li><li>• 2.5 inch EIDE/Ultra DMA IDE Hard Drive</li><li>• Supports both FAT16 and FAT32 formats</li></ul>                                                                                             |
| <b>DIMENSIONS</b>        | Outer case size: <ul style="list-style-type: none"><li>• 142.5(W) X 120.8(H) X 27(D) mm</li></ul> Weight (w/o battery and hard drive): <ul style="list-style-type: none"><li>• 218g</li></ul>                                                                       |
| <b>INTERFACE</b>         | PC: <ul style="list-style-type: none"><li>• USB (Universal Serial BUS) Port (transfer rate 800KB/sec)</li></ul> HDD: <ul style="list-style-type: none"><li>• EIDE</li></ul> Analog: <ul style="list-style-type: none"><li>• Audio out (3.5 mm phone jack)</li></ul> |
| <b>OPERATING SYSTEMS</b> | <ul style="list-style-type: none"><li>• Windows 95/98/ME/2000,</li><li>• Macintosh Computer Mac O/S 9 and above.</li></ul>                                                                                                                                          |

|                           |                                                                                                                                                                                                                        |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>POWER</b>              | Adapter AC: <ul style="list-style-type: none"><li>• Input: 110/220V, 50/60Hz – DC Output: 5.0V 2A</li></ul> Battery <ul style="list-style-type: none"><li>• Lithium-Ion rechargeable battery (3.6V 1500mA/H)</li></ul> |
| <b>SNR</b>                | <ul style="list-style-type: none"><li>• 100 dB</li></ul>                                                                                                                                                               |
| <b>D/A CONVERTER</b>      | <ul style="list-style-type: none"><li>• 18 bit</li></ul>                                                                                                                                                               |
| <b>THD</b>                | <ul style="list-style-type: none"><li>• Better than 0.1%</li></ul>                                                                                                                                                     |
| <b>FREQUENCY RESPONSE</b> | <ul style="list-style-type: none"><li>• 20Hz – 20 kHz</li></ul>                                                                                                                                                        |
| <b>AUDIO OUTPUT POWER</b> | <ul style="list-style-type: none"><li>• 60 mW at 32ohm impedance</li></ul>                                                                                                                                             |
| <b>Data Capacity</b>      | <ul style="list-style-type: none"><li>• 10G (Roq-it 10 GB)</li></ul>                                                                                                                                                   |

All specifications are subject to change without notice.

## Package Contents

The Roq-it 10 GB package contains the following items:

- Roq-it 10 GB Portable MP3 Player
- User' s Guide (This Document)
- Quick Install Guide
- AC power adapter
- Headphones with 3.5 mm phone jack
- Lithium-Ion rechargeable battery
- USB cable
- IR remote control
- Leather carrying bag
- Driver/Software Installation Disk
- Shoulder Strap

## **System Requirements**

- Pentium Class 200MHz Processor or Better
- 1 available USB port
- 32MB RAM
- 50MB Hard Drive Space
- CD-ROM

### **Operating System:**

- Windows 98
- Windows 98SE
- Windows ME
- Windows 2000
- Windows XP
- MAC OS 9 or higher

## ROQ-IT 10 GB FEATURES

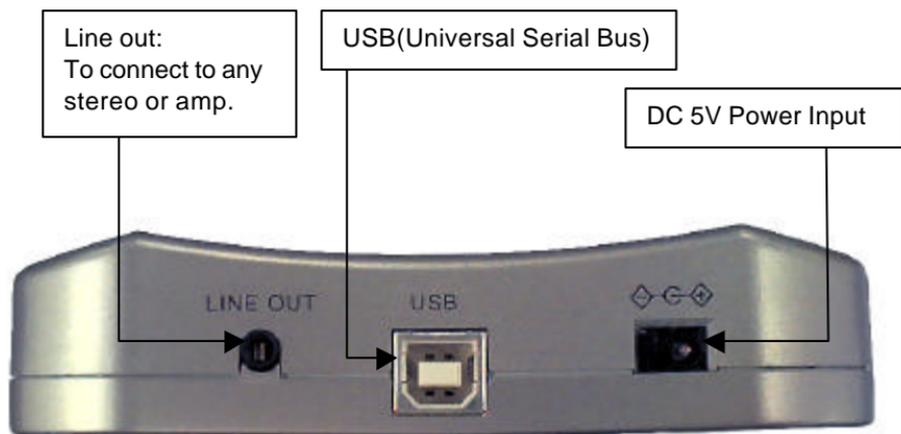
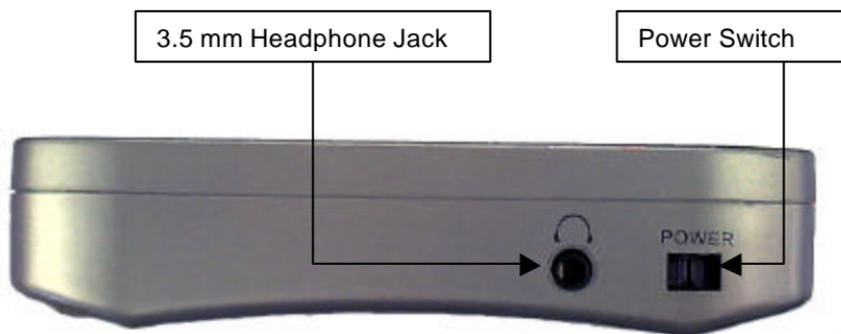
The Roq-it 10 GB is a full feature MP3 playing subsystem, designed to cater to the demand for large amounts of music storage. The following sections describe the external features of the Roq-it 10 GB.

### Front Panel

The front panel of the Roq-it 10 GB contains the Function Buttons and the LCD Display.



## Top and Bottom



## Remote Control

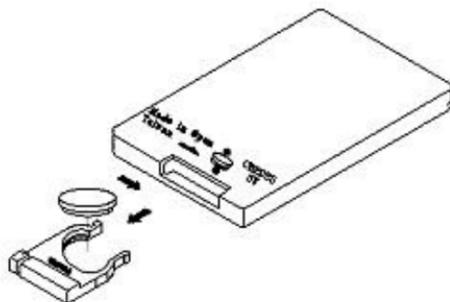
The Roq-it 10 GB includes an IR remote control so that you can control the Roq-it 10 GB from a distance.

**Note:** Please remove the plastic tab before use.

### Function Buttons



### Changing the Batteries



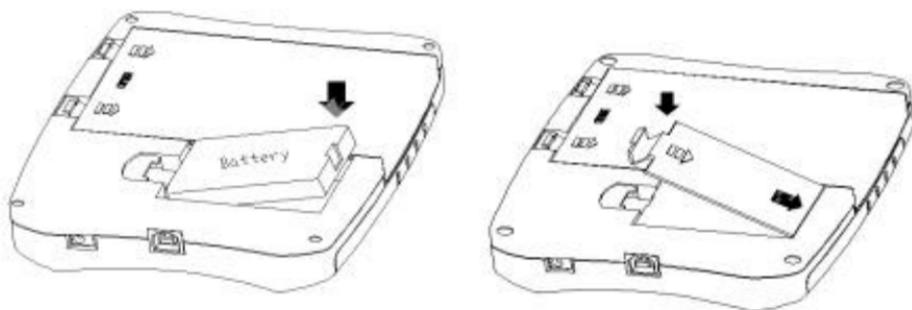
## HARDWARE INSTALLATION

### Hard Drive Installation

**Note:** The hard drive is already pre-installed inside the Roq-it 10 GB. Do not remove the hard drive. Doing so will void your warranty!

### Battery Installation

- 1 Install the battery as shown in the diagrams below.



- 2 Connect the AC power adapter to the Jukebox. The Battery Recharge Indicator LED should light up. It is recommended that you recharge the Jukebox for approximately 8 hours prior to first use as a portable unit.

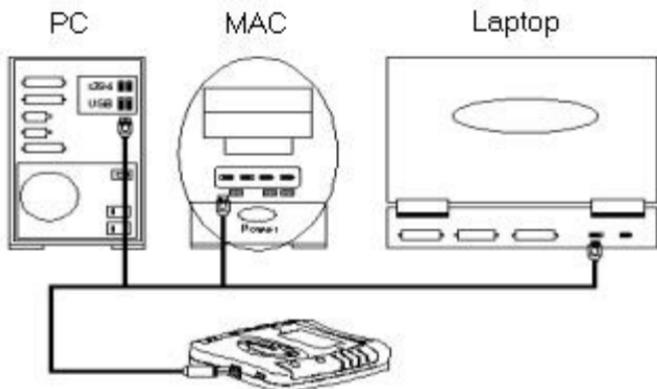
## Caution

Do not connect the Roq-it 10 GB to your system until after the USB software driver has been installed. Your computer will not recognize the Roq-it 10 GB until the driver has been installed. Continue to the next section for USB driver installation instructions.

## Connecting to your Computer

After the USB driver has been installed, you may connect the Roq-it 10 GB to the USB port on your PC, MAC or Laptop. **Make sure the Jukebox is ON before connecting to your system.**

The Roq-it 10 GB easily connects to the USB Port on your PC, MAC or Laptop.



## ***Roq-it***

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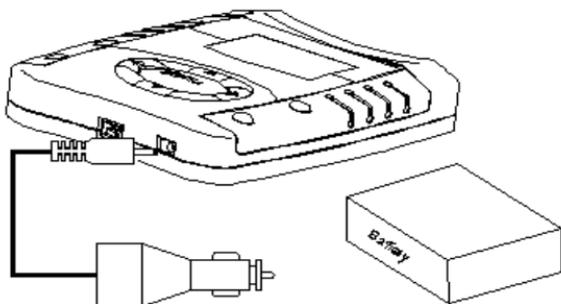
If the driver is installed correctly, your system should automatically recognize the Roq-it 10 GB once it is connected to the USB port. A new drive letter for the Roq-it 10 GB should appear in “My Computer.”

## Connecting to your Car

Installing The Roq-it 10 GB in your car will be similar to installing a portable CD, MD, or tape player in your Car.

Connect the Roq-it 10 GB' s "Line Out" to your car' s stereo "Line In". If your car stereo does not have a "Line In" you can use a cassette adapter or amplifier. You will need a cigarette lighter plug to power the Roq-it 10 GB.

Firmly secure the Roq-it 10 GB in the car for best results and to avoid damage.



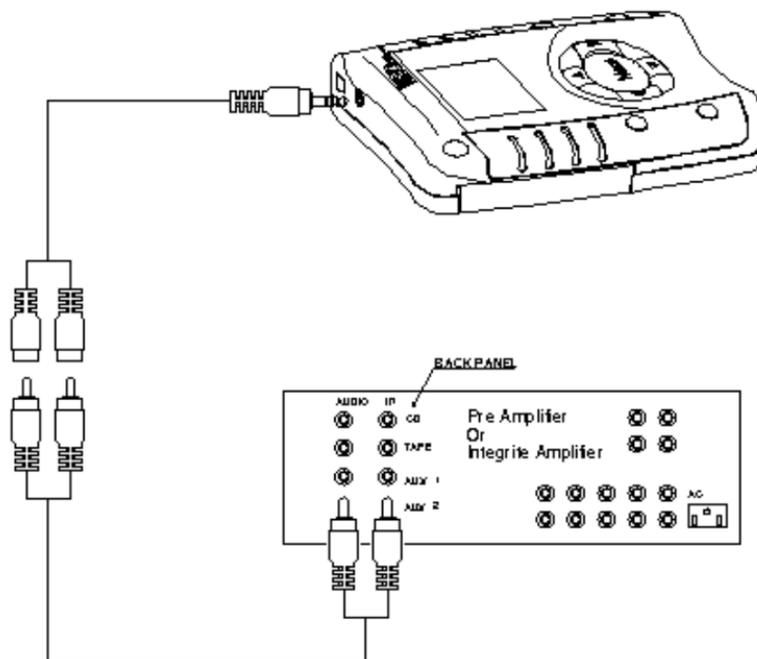
## Connecting to Family Stereo, Home Theater

Connecting the Roq-it 10 GB to your Home Stereo is similar to connecting the Roq-it 10 GB to your car.

Connect the player's "Line out" directly to your stereo's "Line in" or to "AUX."

Use the included power adapter to power and charge the Roq-it 10 GB.

(Note: Adapter cables are not included with the Roq-it 10 GB)



## **Copyright Information**

**Please note that The Roq-it 10 GB is to be used as a personal music player. Copying, downloading and transferring music or any other files without permission from the artist or copyright holder is forbidden.**

**D-Link and its resellers will not be liable for unlawful use of this product.**

## ROQ-IT 10 GB FUNCTIONS



|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| <b>Program</b>       | Press to select “Repeat”, “Repeat All”, “Random”, “Random All” or “Directory Only”.       |
| <b>Browse</b>        | Press to view list of songs or song directories.                                          |
| <b>EQ/Settings</b>   | Press to adjust Balance, Bass, Treble, or Equalizer (User, Rock, Pop, Jazz, Classic)      |
| <b>Stand By/Stop</b> | Press to stop playing a song, or hold two seconds to put jukebox in/out of Stand By Mode. |

## Program (Play Modes)

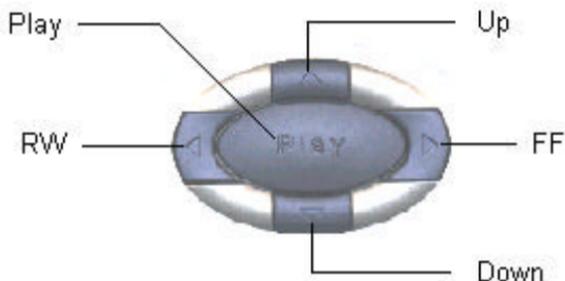
The Roq-it 10 GB supports various play modes, such as repeat, repeat all, random, random all, directory only and continuous. As the “Program” button is pressed, the play modes seen below cycle on the LCD.

|                                        |                                                                                                                                                                                                                    |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>“Repeat”</b>                        | Press <b>[Program]</b> one time and the screen shows “Repeat”. The Roq-it 10 GB will repeat the current song until another program is selected.                                                                    |
| <b>“Repeat All”</b>                    | Press <b>[Program]</b> two times and the screen shows “RepAll.” The Roq-it 10 GB will repeat all the songs in the directory.                                                                                       |
| <b>“Random”</b>                        | Press <b>[Program]</b> three times and the screen shows “Random.” The Roq-it 10 GB will play songs randomly from the current directory.                                                                            |
| <b>“ Random All ”</b>                  | Press <b>[Program]</b> four times and the screen shows “RanAll.” The Roq-it 10 GB will play songs randomly from the entire hard drive.                                                                             |
| <b>“ Directory Only ”</b>              | Press <b>[Program]</b> five times and the screen shows “DirOnly.” The Roq-it 10 GB will play all the songs in the current directory until the last song of the directory. Then the jukebox will then stop playing. |
| <b>“ Continuous ”<br/>Playing Mode</b> | Press <b>[Program]</b> six times or by not pressing “Program” as default the screen shows nothing. The Roq-it 10 GB will play all the songs one by one until the last one on the hard drive is reached.            |

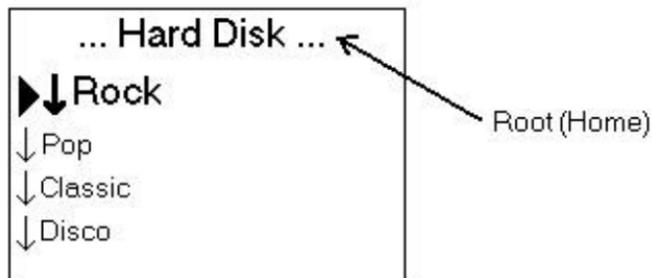
→ Repeat → RepAll → Random → RanAll → DirOnly

## Browsing and Playing Music

Press the “Browse” button to view your selections of MP3 files or folders. Use the Control Panel buttons to navigate through the files and folders. Navigating is simple: move the controller right [FF] to go deeper into the sub folders (or left [RW]) to go up) then scroll up and down to see the songs in the directory.



Folders or Directories are indicated with a “down arrow.” Use the Up and Down keys to select the folders. Press the “FF” button to view the contents of the selected folder.



# Roq-it

Songs are indicated by a “musical note.” Use the Up and Down arrow keys to select the songs. Press “Play” to begin playing the selected song.



| Press               | Event                                               |
|---------------------|-----------------------------------------------------|
| <b>PLAY</b>         | Play the song in current directory.                 |
| <b>PLAY (Pause)</b> | Press [Play] during a song to pause the song.       |
| <b>STOP</b>         | Stop the currently playing song.                    |
| <b>FF</b>           | Play the next song.                                 |
| <b>Hold [FF]</b>    | Hold two seconds to fast forward within the current |
| <b>RW</b>           | Play the previous song.                             |
| <b>Hold [RW]</b>    | Hold two seconds to rewind within the current song. |
| <b>UP</b>           | Increase volume                                     |
| <b>DOWN</b>         | Decrease volume                                     |

## Equalizer / Settings

The Roq-it 10 GB has a built-in equalizer to provide users with a high-end entertainment environment. The Roq-it 10 GB provides basic functions to change the equalizer settings, enabling users to enjoy their music in a personalized way.

# ROQ-it

Press the “EQ/Settings” button until the blinking “EQ:” is displayed on the screen. Use the arrow keys on the keypad to select the desired setting (Rock, Pop, Jazz, Classic, or User).

|                |                                                                 |
|----------------|-----------------------------------------------------------------|
| <b>Rock</b>    | Tap [EQ] one time and you will find the screen shows “EQ: Rock” |
| <b>Pop</b>     | Tap [EQ] again and you will find the screen shows “EQ: Pop”     |
| <b>Jazz</b>    | Tap [EQ] again and you will find the screen shows “EQ: Jazz”    |
| <b>Classic</b> | Tap [EQ] again and you will find the screen shows “EQ: Classic” |
| <b>User</b>    | This setting allows you to manually adjust your audio settings. |

→ EQ:Rock → EQ: Pop → EQ:Jazz → EQ:Classic → EQ:User

## Adjusting Audio Settings

Make sure the Equalizer is set to “EQ: User.” Press the “EQ/Settings” button to select the setting you want to adjust. Use the left and right arrow keys to adjust each setting.

|                |                                                                           |
|----------------|---------------------------------------------------------------------------|
| <b>User</b>    | Users can define the equalizer manually under this mode.                  |
| <b>Balance</b> | Press [LEFT] and [RIGHT] to adjust the balance of left and right speaker. |
| <b>Bass</b>    | Press [LEFT] and [RIGHT] to adjust bass.                                  |

|                |                                                           |
|----------------|-----------------------------------------------------------|
| <b>Treble</b>  | Press [LEFT] and [RIGHT] to adjust treble                 |
| <b>LCD Lvl</b> | Press [LEFT] and [RIGHT] to adjust the LCD contrast level |
| <b>Volume</b>  | Press [UP] and [DOWN] to adjust the volume                |

## Caution While Driving Cars

1. Use of headphones while operating an automobile or moving vehicle is not recommended and is unlawful in some countries and areas.
2. Do not operate the unit while driving.
3. Please turn off the car stereo before turning on the player to avoid the initial noise of the player's hard drive spinning.
4. Using playlists is a good way to listen to songs without operating or looking at the unit while driving.

## Key pad lock and Stand by

The Roq-it 10 GB's keys can be locked to avoid accidental depression of buttons.

1. Press and hold the "Program" key for two seconds.
2. The LCD screen will display "Hold On." Only the volume keys will operate.
3. To resume normal operation, press and hold the "Program" key a second time until "Hold Off" appears on the LCD.
4. To put the Roq-it 10 GB in sleep mode, hold the "Stand by" key for more than two seconds.

5. To resume normal operation, press the “Stand by” key for over two seconds again.

## **HANDLING INSTRUCTIONS**

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Please read all the instructions carefully before handling your Roq-it 10 GB.

### **BE CAREFUL WHEN STORING THE ROQ-IT 10 GB**

Avoid places with high humidity, strong magnetic fields, or extreme temperatures when you store your Roq-it 10 GB or hard drive.

### **DO NOT SUBJECT The ROQ-IT 10 GB TO SEVERE IMPACT OR JARRING**

Vibration experienced during normal driving or moving will not affect the normal operation of the Roq-it 10 GB. However, dropping the player or some off-road driving may result in damage to the player.

### **KEEP THE ROQ-IT 10 GB AWAY FROM WATER**

If water enters the Roq-it 10 GB, damage may result. If the Roq-it 10 GB comes into contact with water, wipe immediately with a dry cloth.

## **Warning**

*This equipment may be reset by unintentional electrostatic discharge during operation.*

## **Caution**

Exposure to direct sunlight or extreme heat (such as inside a parked car for more than 2 hours) may cause damage or malfunction.

For safety, please do not leave the Jukebox in vehicles or outside for extended periods of time.

## GLOSSARY

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| Item                      | Definition                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MP3 (MPEG Layer 3)</b> | MP3 is an audio file format. Audio files can be quite large, which is why it hasn't been practical to store music on PCs. An MP3 file is an audio file that has been compressed (anywhere from one fifth to one seventeenth of its original size) with little or no loss in sound quality, resulting in a great sounding MP3 file small enough to be downloaded and/or stored on your computer.                                                                     |
| <b>Recorder</b>           | One of the main components of MUSICMATCH Jukebox is the Recorder. This is where you record (also known as ripping and encoding) your audio CDs to MP3.                                                                                                                                                                                                                                                                                                              |
| <b>Ripping</b>            | Technically, ripping is the process of extracting the digital audio files from a CD. This process is commonly referred to as ripping CDs and this, in conjunction with the encoding process, is known as recording within MUSICMATCH Jukebox.                                                                                                                                                                                                                       |
| <b>Encoding</b>           | For our purposes, encoding is the process of compressing a ripped audio file into MP3, AIFF or other audio formats. The ripping and encoding processes happen in one easy step within MUSICMATCH Jukebox and are collectively referred to as Recording.                                                                                                                                                                                                             |
| <b>Encoder</b>            | An encoder is a device that modifies information into a required transmission format. For our purposes, an MP3 encoder is the technology used to compress ripped audio files into the much smaller MP3 format. Within MUSICMATCH Jukebox, the ripping and encoding processes are combined in one easy step and are referred to as Recording. MUSICMATCH Jukebox currently features the next-generation encoder from Fraunhofer, the co-inventors of the MP3 format. |
| <b>Decoder</b>            | A decoder is a device necessary to play back information, which has been modified (or encoded) to a specific transmission format. For our purposes, MUSICMATCH Jukebox features an MP3 decoder, more commonly referred to as an MP3 player. We also decode, or play, MP2.                                                                                                                                                                                           |
| <b>Encryption</b>         | Encryption refers to the application of a specific algorithm to                                                                                                                                                                                                                                                                                                                                                                                                     |

data so as to alter the appearance of the data making it incomprehensible to those who are not authorized to see the information. Whether or not files will be encrypted depends on what format files are in. If recording MP3 files, they will not be encrypted.

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## **Bit Rate**

Bit rate refers to the speed at which bits (of information) are transmitted, usually expressed in bits per second.

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## **Near CD Quality**

MP3 files compressed at 96kbps are more commonly referred to as near CD Quality recordings. The next step up in recording quality is 128kbps, more commonly referred to as CD Quality recording. Generally speaking, the higher the bit rate, the better the sound quality of the resulting file. A track recorded at near CD quality will take up less hard drive space than the same track recorded at CD quality. Unfortunately, sound quality must be sacrificed to save disk space, so the choice usually is to record tracks at CD quality.

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## **CD Quality**

MP3 files compressed at 128 kbps are considered CD quality recordings. MUSICMATCH offers the ability to record MP3s up to 320 kbps.

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## **MUSICMATCH Jukebox (Standard Version)**

Throughout the MUSICMATCH website and related materials, you will see references to the standard version of MUSICMATCH Jukebox. This is the standard (free) version of the program that allows you to record an unlimited number of CD Quality recordings, unlimited use of the library and more.

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## **MUSICMATCH Jukebox Plus**

Upgrade the standard version to the enhanced MUSICMATCH Jukebox Plus for \$19.99, which includes many power features including the ability to encode up to 12 times faster than the standard version of the jukebox.

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## **Update**

Throughout the MUSICMATCH web site and related materials, you will see references to 'updating the software'. Update refers to updating your version of MUSICMATCH Jukebox to a new, or more recent software release. There is no cost to update the program and you can check for software updates anytime by choosing Update Software from the Register menu within the player.

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## **Constant Bit Rate (CBR)**

Constant Bit Rate encoding is a method that ensures a consistent bit rate throughout an encoded file, potentially at the expense of audio quality and/or Encoder efficiency. Use CBR encoding when you need to limit the size of the MP3 file or produce consistent file sizes. Choose a CBR setting from 16kbps to 320kbps from the Record Settings screen to

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customize recording. Constant Bit Rate encoded files will be smaller than Variable Bit Rate encoded files of a comparable encoding speed. For example, a song recorded in CBR at 128kbps will usually be smaller than the same song recorded in VBR at 50.

---

## **Variable Bit Rate (VBR)**

Variable Bit Rate encoding is an encoding method that ensures consistently high audio quality throughout an encoded file by making intelligent bit- allocation decisions during the encoding process. Use VBR encoding when consistent audio quality is the top priority and predictable encoded MP3 file size is not critical. Choose a VBR setting from one to 100 from the Record Settings screen, to customize the recording. As a general guideline, a setting of 25 is approximately 80 kbps, a setting of 50 is approximately 128 kbps and a setting of 75 is approximately 160 kbps. Variable Bit Rate encoded files will be larger than Constant Bit Rate encoded files, of a comparable encoding bit rate. For example, a song recorded in VBR at 50 will be larger than the same song recorded in CBR at 128kbps. Not all mp3 players support Variable Bit Rate encoding; however the MUSICMATCH Jukebox player does support this technology.

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## **Music Library**

One of the main components of MUSICMATCH Jukebox is the Music Library. This is where you organize the database of MP3 files for easy creation of Playlists.

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## **Add**

Click the Add button in the Music Library screen to browse the hard drive and add existing MP3s to the Music Library.

---

## **Overwrite**

Overwrite generally refers to replacing a file. If you have a saved file, and try to save another song with the same name, you can choose to overwrite it, or choose a different name for the file.

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## **ID3 Tags**

ID3v2 tags are accepted informally as the standard for tagging MP3 files. These tags offer a flexible and unobtrusive way to add textual information to audio files such as song title, artist name, album title, etc. MUSICMATCH supports ID3 tags so if you download a track that has ID3 tags already associated with it, you will not have to add that information, though you do have access to modify and add information through the MUSICMATCH tagging feature.

---

## Tagging Music

Tagging music refers to adding ID3v2 tags to user's MP3 files. ID3 tags can contain a lot of valuable and personalized information including song title, artist name, song lyrics and even album cover art to the song for display while that song is playing. You can create names for your own custom genres. When tagging the file, simply enter the name of a genre if it's not already listed in the drop- down box. Remember the tag information cannot be saved to the song if it is playing. MUSICMATCH Jukebox offers a very intuitive and easy to use tagging feature and all tagging can be completed simply, in a single screen.

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## Player

One of the main components of MUSICMATCH Jukebox is the Player screen. It is the MP3 player portion of the software and is used primarily in conjunction with the Playlists created. However, the Player also has an integrated CD Player.

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## Playlist

One of the main components of MUSICMATCH Jukebox is the Playlist screen. This screen is where you create Playlists for playback. You can also save Playlists for future sessions, and all saved Playlists will be listed in this screen as well. Saved Playlists will have a file extension of '.mmp1.'

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## Art View

Tag tracks with album art and view the cover art while the track is playing.

---

## Track Info

One of the main components of MUSICMATCH Jukebox is the Track Info screen. The Track Info screen allows you to view song lyrics, artist bios, etc. while your tracks are playing. The Track Info screen is interactive in terms of adding information to song files, via the tagging feature.

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## AutoDJ

AutoDJ is a Playlist- compiling feature unique to MUSICMATCH. The AutoDJ feature works in conjunction with the tagging feature and creates automatic Playlists based on your sorting preferences. Simply define the length of the desired music program and determine the type of music you want from the pre- tagged Music Library.

---

## Gracenote

Gracenote (formerly CDDb) is a database comprised of thousands of artists, album and track titles. Insert an audio CD into the CD ROM drive and open the recorder screen. If connected to the Internet, the program will make a connection with this site and match the serial number of the user's CD with your records and import all title, artist, and track data into the Recorder screen. This information will cross over to the Music Library, as ID3 tags, upon recording completion.

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## **Skins**

Skins change the overall look, and sometimes the layout, of MUSICMATCH Jukebox, by applying a new GUI to the program. This is a great way to personalize the program and keep it dynamic. Different skins are available within the MUSICMATCH program by choosing Options/Change Skin.

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## **Default**

In most cases, default refers to the preset value that the program assumes unless changed by the user. Change the default skin by choosing Options/Change Skin, change the default record settings by choosing Options/Settings/Recorder, and so on.

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## **Auto-Arrange Components**

An Auto- Arrange Component option is available by selecting View/Auto Arrange Components from within MUSICMATCH Jukebox. This will arrange all components in the Player, Music Library, Recorder and Track Info.

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# TROUBLESHOOTING

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| <b>Problem</b>                                                                            | <b>Solution</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Battery life is very short or the Roq-it 10 GB is not working at all.                     | Ensure the battery is fully charged. The red LED on the front of the unit will turn on when the unit is charging, and off after the battery is fully charged.<br>If the problem still persists please contact Tech Support.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| When the Roq-it 10 GB is plugged into the Computer via the USB no new hard drive appears. | <ol style="list-style-type: none"><li>1. Check the connection between the unit and the computer. Ensure the USB cable is fully inserted into both the player and your computer.</li><li>2. Right click with your mouse on the "My Computer" icon and choose: "Properties," then go to the "Device Manager." Go to the "Universal Serial Bus controller" and remove all the drivers in the USB controllers by clicking the remove button.<br/>Restart your computer without the Jukebox plugged in.<br/>After the computer has loaded all the USB drivers reinstall the Roq-it 10 GB's USB drivers and reboot your computer.<br/>Plug the Jukebox USB cable into the computer. You should now see the hard drive appear under "My Computer."</li><li>3. If the problem still persists try connecting the Roq-it 10 GB to a different computer and see if the problem has been fixed.</li></ol> |
| IR remote control is not working                                                          | If it is your first time using the remote, make sure to remove the plastic tab from the battery slot. If the remote worked in the past, check the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

battery, as it may be dead.

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| <b>Problem</b>                                                                                                | <b>Solution</b>                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hard Drive is making strange clicking noises and unit is not working                                          | This problem happens when the hard drive has received a severe shock. Contact Tech Support immediately for further assistance.                                                                                                                                              |
| The USB controller or the USB root hub is not listed or has a yellow exclamation point in the Device Manager. | The USB port is not installed correctly. Remove all the USB components under the Universal Serial Bus Controller category in Device Manager. From the Device Manager, click on "Refresh" to reinstall the USB components. You may be prompted to insert your Windows 98 CD. |
| Why do I not have a Universal Serial Bus Controller in the Device Manager?                                    | You must enable your USB port in the BIOS. Consult your Computer Users guide, or contact your motherboard manufacturer.                                                                                                                                                     |
| Can I play WAV or MIDI files with the Roq-it 10 GB?                                                           | Although you can store any type of data file on the Roq-it 10 GB, the player will only recognize and play MP3 or MP2 files.                                                                                                                                                 |
| Where do I find information about updates for my Roq-it 10 GB?                                                | For the latest information about driver, software or firmware for your Roq-it 10 GB, please visit <a href="http://www.dlink.com">www.dlink.com</a> on the web.                                                                                                              |

**Tip:** If you are not using the Roq-it 10 GB for a long period of time remove the battery from the unit.

## D-LINK OFFICES

|                  |                                                                                                                                                                                                                                                                                                                                                                  |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>AUSTRALIA</b> | <b>D-LINK AUSTRALIA</b><br>Unit 18, 390 Eastern Valley Way, Roseville, NSW 2069, Australia<br>TEL: 61-2-9417-7100 FAX: 61-2-9417-1077<br>TOLL FREE: 1800-177-100 (Australia), 0800-900900 (New Zealand)<br>E-MAIL: support@dlink.com.au, <a href="mailto:info@dlink.com.au">info@dlink.com.au</a> URL: www.dlink.com.au                                          |
| <b>BENELUX</b>   | <b>D-LINK BENELUX</b><br>Fellenoord 130, 5611 ZB Eindhoven, The Netherlands<br>TEL: 31-40-2668713 FAX: 31-40-2668666<br>E-MAIL: info@dlink-benelux.nl, <a href="mailto:info@dlink-benelux.nl">info@dlink-benelux.nl</a> URL: <a href="http://www.dlink-benelux.nl/">www.dlink-benelux.nl/</a> , <a href="http://www.dlink-benelux.be/">www.dlink-benelux.be/</a> |
| <b>CANADA</b>    | <b>D-LINK CANADA</b><br>#2180 Winston Park Drive, Oakville, Ontario, L6H 5W1 Canada<br>TEL: 1-905-829-5033 FAX: 1-905-829-5095 FREE CALL: 1-800-354-6522<br>E-MAIL: techsup@dlink.ca URL: www.dlink.ca FTP: ftp.dlinknet.com                                                                                                                                     |
| <b>CHILE</b>     | <b>D-LINK SOUTH AMERICA</b><br>Isidora Goyechea 2934 de 702, Las Condes, Santiago - Chile S.A.<br>TEL: 56-2-232-3185 FAX: 56-2-232-0923<br>E-MAIL: ccasassu@dlink.cl, tsiliva@dlink.cl URL: <a href="http://www.dlink.cl">www.dlink.cl</a>                                                                                                                       |
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| <b>FINLAND</b>   | <b>D-LINK FINLAND</b><br>Thilli-jä Pakkahuone Katanokanlaituri 5 FIN-00160 Helsinki, Finland<br>TEL: 358-9-622-91660 FAX: 358-9-622-91661<br>E-MAIL: <a href="mailto:info@dlink-fi.com">info@dlink-fi.com</a> URL: <a href="http://www.dlink-fi.com">www.dlink-fi.com</a>                                                                                        |
| <b>FRANCE</b>    | <b>D-LINK FRANCE</b><br>Le Florilège #2, Allée de la Fresnerie, 78330 Fontenay le Fleury France<br>TEL: 33-1-302-38688 FAX: 33-1-3023-8689<br>E-MAIL: <a href="mailto:info@dlink-france.fr">info@dlink-france.fr</a> URL: <a href="http://www.dlink-france.fr">www.dlink-france.fr</a>                                                                           |
| <b>GERMANY</b>   | <b>D-LINK Central Europe/D-Link Deutschland GmbH</b><br>Schwalbacher Strasse 74, D-65760 Eschborn, Germany<br>TEL: 49-6196-77990 FAX: 49-6196-7799300<br>INFO LINE: 00800-7250-0000 (toll free) HELP LINE: 00800-7250-4000 (toll free)<br>REPAIR LINE: 00800-7250-8000<br>E-MAIL: <a href="mailto:info@dlink.de">info@dlink.de</a> URL: www.dlink.de             |
| <b>IBERIA</b>    | <b>D-LINK IBERIA</b><br>Gran Via de Carlos III, 84, 3º Edificio Trade, 08028 BARCELONA<br>TEL: 34 93 4090770 FAX 34 93 4910795<br>E-MAIL: <a href="mailto:info@dlinkiberia.es">info@dlinkiberia.es</a> URL: <a href="http://www.dlinkiberia.es">www.dlinkiberia.es</a>                                                                                           |
| <b>INDIA</b>     | <b>D-LINK INDIA</b><br>Plot No.5, Kurla-Bandra Complex Road, Off Cst Road, Santacruz (E), Bombay - 400 098 India<br>TEL: 91-22-652-6696 FAX: 91-22-652-8914<br>E-MAIL: <a href="mailto:service@dlink-india.com">service@dlink-india.com</a> URL: www.dlink-india.com                                                                                             |
| <b>ITALY</b>     | <b>D-LINK ITALIA</b><br>Via Nino Bonnet No. 6/b, 20154 Milano, Italy<br>TEL: 39-02-2900-0676 FAX: 39-02-2900-1723<br>E-MAIL: <a href="mailto:info@dlink.it">info@dlink.it</a> URL: www.dlink.it                                                                                                                                                                  |
| <b>JAPAN</b>     | <b>D-LINK JAPAN</b><br>10F, 8-15 Nishi-Gotanda, Shinagawa-ku, Tokyo 141, Japan<br>TEL: 81-3-5434-9678 FAX: 81-3-5434-9888<br>E-MAIL: <a href="mailto:kida@d-link.co.jp">kida@d-link.co.jp</a> URL: www.d-link.co.jp                                                                                                                                              |
| <b>NORWAY</b>    | <b>D-LINK NORWAY</b><br>Waldemar Thranesgt. 77, 0175 Oslo, Norway<br>TEL: 47-22-991890 FAX: 47-22-207039                                                                                                                                                                                                                                                         |
| <b>RUSSIA</b>    | <b>D-LINK RUSSIA</b><br>Michurinski Prospekt 49, 117607 Moscow, Russia<br>TEL: 7-095-737-3389, 7-095-737-3492 FAX: 7-095-737-3390<br>E-MAIL: <a href="mailto:vl@dlink.ru">vl@dlink.ru</a> URL: <a href="http://www.dlink.ru">www.dlink.ru</a>                                                                                                                    |
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| <b>U.K.</b>      | <b>D-LINK EUROPE</b><br>4th Floor, Merit House, Edgware Road, Colindale, London, NW9 5AB, U.K.<br>TEL: 44-20-8731-5555 FAX: 44-20-8731-5511<br>E-MAIL: <a href="mailto:info@dlink.co.uk">info@dlink.co.uk</a> URL: www.dlink.co.uk                                                                                                                               |
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# LIMITED WARRANTY

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D-Link Systems, Inc. (“D-Link”) provides this limited warranty for its product only to the person or entity who originally purchased the product from;

- D-Link or its authorized reseller or distributor.
- Products purchased and delivered with the fifty United States, the District of Columbia, US Possessions or Protectorates, US Military Installations, addresses with an APO or FPO.

**Limited Hardware Warranty:** D-Link warrants that the hardware portion of the D-Link products described below (“Hardware”) will be free from material defects in workmanship and materials from the date of original retail purchase of the Hardware, for the period set forth below applicable to the product type (“Warranty Period”) if the Hardware is used and serviced in accordance with applicable documentation; provided that a completed Registration Card is returned to an Authorized D-Link Service Office within ninety (90) days after the date of original retail purchase of the Hardware. If a completed Registration Card is not received by an authorized D-Link Service Office within such ninety (90) day period, then the Warranty Period shall be ninety (90) days from the date of purchase.

## **Product Type Warranty Period**

- Product (excluding power supplies and fans) purchased and delivered within One (1) Year of purchase.
- Power Supplies and Fans One (1) Year.
- Spare parts and spare kits Ninety (90) days.

D-Link’s sole obligation shall be to repair or replace the defective Hardware at no charge to the original owner. Such repair or replacement will be rendered by D-Link at an Authorized D-Link Service Office. The replacement Hardware need not be new or of an identical make, model or part; D-Link may in its discretion replace the defective Hardware (or any part thereof) with any reconditioned product that D-Link reasonably determines is substantially equivalent (or superior) in all

material respects to the defective Hardware. The Warranty Period shall extend for an additional ninety (90) days after any repaired or replaced Hardware is delivered. If a material defect is incapable of correction, or if D-Link determines in its sole discretion that it is not practical to repair or replace the defective Hardware, the price paid by the original purchaser for the defective Hardware will be refunded by D-Link upon return to D-Link of the defective Hardware. All Hardware (or part thereof) that is replaced by D-Link, or for which the purchase price is refunded, shall become the property of D-Link upon replacement or refund.

**Limited Software Warranty:** D-Link warrants that the software portion of the product (“Software”) will substantially conform to D-Link’s then current functional specifications for the Software, as set forth in the applicable documentation, from the date of original delivery of the Software for a period of ninety (90) days (“Warranty Period”), if the Software is properly installed on approved hardware and operated as contemplated in its documentation. D-Link further warrants that, during the Warranty Period, the magnetic media on which D-Link delivers the Software will be free of physical defects. D-Link’s sole obligation shall be to replace the non-conforming Software (or defective media) with software that substantially conforms to D-Link’s functional specifications for the Software. Except as otherwise agreed by D-Link in writing, the replacement Software is provided only to the original licensee, and is subject to the terms and conditions of the license granted by D-Link for the Software. The Warranty Period shall extend for an additional ninety (90) days after any replacement Software is delivered. If a material non-conformance is incapable of correction, or if D-Link determines in its sole discretion that it is not practical to replace the non-conforming Software, the price paid by the original licensee for the non-conforming Software will be refunded by D-Link; provided that the non-conforming Software (and all copies thereof) is first returned to D-Link. The license granted respecting any Software for which a refund is given automatically terminates.

***What You Must Do For Warranty Service:***

Registration Card. The Registration Card provided at the back of this manual must be completed and returned to an Authorized D-Link Service Office for each D-Link product within ninety (90) days after the product is purchased and/or

licensed. The addresses/telephone/fax list of the nearest Authorized D-Link Service Office is provided in the back of this manual.

**FAILURE TO PROPERLY COMPLETE AND TIMELY RETURN THE REGISTRATION CARD MAY AFFECT THE WARRANTY FOR THIS PRODUCT.**

***Submitting A Claim.*** Any claim under this limited warranty must be submitted in writing before the end of the Warranty Period to an Authorized D-Link Service Office.

- The customer must submit as part of the claim a written description of the Hardware defect or Software nonconformance in sufficient detail to allow D-Link to confirm the same.
- The original product owner must obtain a Return Material Authorization (RMA) number from the Authorized D-Link Service Office and, if requested, provide written proof of purchase of the product (such as a copy of the dated purchase invoice for the product) before the warranty service is provided.
- After an RMA number is issued, the defective product must be packaged securely in the original or other suitable shipping package to ensure that it will not be damaged in transit, and the RMA number must be prominently marked on the outside of the package.
- The customer is responsible for all shipping charges to and from D-Link (No CODs allowed). Products sent COD will become the property of D-Link Systems, Inc. Products should be fully insured by the customer and shipped to **D-Link Systems Inc., 53 Discovery Drive, Irvine CA 92618.**

D-Link may reject or return any product that is not packaged and shipped in strict compliance with the foregoing requirements, or for which an RMA number is not visible from the outside of the package. The product owner agrees to pay D-Link's reasonable handling and return shipping charges for any product that is not packaged and shipped in accordance with the foregoing requirements, or that is determined by D-Link not to be defective or non-conforming.

***What Is Not Covered:***

This limited warranty provided by D-Link does not cover: Products that have been subjected to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, repair or service in any way that is not contemplated in the documentation for the product, or if the model or serial number has been altered, tampered with, defaced or removed; Initial installation, installation and removal of the product for repair, and shipping costs; Operational adjustments covered in the operating manual for the product, and normal maintenance; Damage that occurs in shipment, due to act of God, failures due to power surge, and cosmetic damage; and Any hardware, software, firmware or other products or services provided by anyone other than D-Link.

***Disclaimer of Other Warranties:*** EXCEPT FOR THE LIMITED WARRANTY SPECIFIED HEREIN, THE PRODUCT IS PROVIDED “AS-IS” WITHOUT ANY WARRANTY OF ANY KIND INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IF ANY IMPLIED WARRANTY CANNOT BE DISCLAIMED IN ANY TERRITORY WHERE A PRODUCT IS SOLD, THE DURATION OF SUCH IMPLIED WARRANTY SHALL BE LIMITED TO NINETY (90) DAYS. EXCEPT AS EXPRESSLY COVERED UNDER THE LIMITED WARRANTY PROVIDED HEREIN, THE ENTIRE RISK AS TO THE QUALITY, SELECTION AND PERFORMANCE OF THE PRODUCT IS WITH THE PURCHASER OF THE PRODUCT.

***Limitation of Liability:*** TO THE MAXIMUM EXTENT PERMITTED BY LAW, D-LINK IS NOT LIABLE UNDER ANY CONTRACT, NEGLIGENCE, STRICT LIABILITY OR OTHER LEGAL OR EQUITABLE THEORY FOR ANY LOSS OF USE OF THE PRODUCT, INCONVENIENCE OR DAMAGES OF ANY CHARACTER, WHETHER DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL (INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, LOSS OF INFORMATION OR DATA CONTAINED IN, STORED ON, OR INTEGRATED WITH ANY PRODUCT RETURNED TO D-LINK FOR WARRANTY SERVICE) RESULTING FROM THE USE OF THE PRODUCT, RELATING TO WARRANTY SERVICE, OR ARISING OUT OF ANY BREACH OF THIS LIMITED WARRANTY, EVEN IF D-LINK HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE SOLE REMEDY FOR A BREACH

OF THE FOREGOING LIMITED WARRANTY IS REPAIR, REPLACEMENT OR REFUND OF THE DEFECTIVE OR NON-CONFORMING PRODUCT.

**GOVERNING LAW:** This Limited Warranty shall be governed by the laws of the state of California. Some states do not allow exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the foregoing limitations and exclusions may not apply. This limited warranty provides specific legal rights and the product owner may also have other rights which vary from state to state.

## **Trademarks**

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## **FCC Certifications**

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.

Shielded interface cables must be used in order to comply with emission limits.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

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.

### **CE Mark Warning**

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

## **Hard Drive Warranty**

D-Link will not be liable or responsible for any damage caused to your hard drive due to misuse, shock damage or any other problem with your hard drive due to the use of this product.

## **TECHNICAL SUPPORT**

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D-Link provides free technical support for customers within the United States during the warranty period. U.S. customers can contact D-Link Technical Support through our web site, e-mail or by phone.

### **D-Link Technical Support over Telephone:**

(949) 790-5290

6 a.m. to 6 p.m. PST, Monday thru Friday

### **D-Link Technical Support over the Internet:**

Support@dlink.com

<http://support.dlink.com>

**Register by mail or online at**  
**<http://www.dlink.com/sales/reg/>**

If you are a customer residing outside of the United States, please refer to the list of D-Link locations that is included in the User's Manual.

# **D-Link<sup>®</sup>**

**Building Networks for People**